



Shivaji College

ACCREDITED WITH GRADE "A" BY NAAC
UNIVERSITY OF DELHI

60th Annual Report (2020-2021)

शिवाजी महाविद्यालय
(दिल्ली विश्वविद्यालय)



THE INSTITUTION

Shivaji College, a premier institution of academic excellence, takes pride in celebrating its Diamond Jubilee 60th Annual Day on July 27, 2021. Founded in 1961, we take great honour in commemorating its 60 years of grit and perseverance in reaching frontiers of excellence. The institution in past years has made impressive strides in revisioning and shaping the community by imparting life changing education.

The college was established by the well-known social activist, farmer leader and India's first Minister of Agriculture, Dr. Panjabrao Deshmukh with the vision of spreading higher education amongst all segments of the society. Following our founder's legacy, our beloved Institution has always envisioned to uphold its motto of "Amritam Tu Vidya" which means "Knowledge is Eternal."

Over the past six decades, the college has traversed an extraordinary path from being an institution housed in a primary school building in Matiala village with only 20 teachers, 400 students and offering only three courses (BA, BCom Pass and Pre-Medical Studies) to becoming one of the finest institutes of higher education in the country. Our institution today has **18 departments** which offers **26 undergraduate** courses and **3 post graduate** courses to **3939 students**. With the **strength of 195 teachers, out of which 129 have PhD degrees**, we have a league of highly qualified and research-driven faculty.

It is significant to note that Shivaji College was awarded **Grade "A"** by NAAC Accreditation in the Academic Year 2015-16, with CGPA 3.06 on a 4-point scale. The College was ranked **31** among the Science Colleges and **26** in Commerce and **39** Humanities by **India Today in 2021**. The college has been ranked **51** by **NIRF 2020**. In 2019, Shivaji College was also awarded the financial grant under the prestigious **DBT Star College Scheme**, an initiative of the Department of Biotechnology, Government of India. Through a wide range of scientific projects and initiatives, we have attempted to encourage a **strong research ecosystem**. In the years 2015-20, 13 out of 18 departments of the College were awarded research funds by the Indian Council of Social Science Research (ICSSR), Department of Science and Technology (DST), Department of Biotechnology (DBT), Science and Engineering Research Board (SERB), University Grants Commission (UGC), and the University of Delhi.

Shivaji College has been, and continues to be a cradle of great diversity in all walks of life. From once changing the lives of the very first learners in Matiala village in the 1960s, to the technologically informed modern generation, we as an institution have come a long way under the guidance and untiring efforts of the principals throughout the six decades. This 60th year, we acknowledge and pay homage to the founders of the institution as well as the leadership of the principals without whose vision and direction this journey would have been inconceivable.

Today, the college continues to march on along the same visionary path with the same aspiration and commitment that was once envisioned. Keeping in mind the demands and requirements of the modern world, we have revamped our infrastructure by adding new features. The new **Jijabai Academic Block** is one such addition. It houses ultra-modern infrastructural

facilities like **language labs, finance labs, recording studios** and **conference halls**. The transformation of the institution has been a milestone in these 60 years of journey. To see this dream materialise in front of our eyes has been a miraculous experience for all of us who have been associated with the College.

The year 2021 also marks our determined spirit in face of an unimaginable crisis. We transformed ourselves by evolving our methods of teaching and learning to the best of our ability. Our transition from offline to online has been a swift and seamless one. Rather than giving up in face of challenging times, we channelised our energy to meander through adversity.

Vision

The vision statement of Shivaji College is “Transform One Life, Transform the Nation”. Shivaji College is committed to transforming its vision into reality in its everyday governance, policies and actions.

Mission

The leadership and governance at Shivaji College - based on participative management and decision making - ensures an environment conducive for attaining the vision and the mission of the college. The college motto Amritam Tu Vidya (knowledge is eternal) is the guiding force in policies and actions towards attaining the following mission:

- i. To nurture an ecosystem that promotes democratic values, inclusiveness of diverse peoples and cultures, and freedom of expression and creativity.
- ii. To instill a culture of sensitivity to gender issues and identities, to challenges pertinent to differently-abled and economically-disadvantaged persons, and to experiences of people from minority communities.
- iii. To promote civic ecology practices on campus and beyond for a sustainable relationship between human community and nature.
- iv. To encourage a dynamic engagement between curricular and extracurricular learning experience and strive for positive social implications.
- v. To foster a stimulating academic environment that encourages a spirit of enquiry, innovation and experimentation.
- vi. To nurture intellectually sound, empathetic, and self-reliant young leaders of the nation

Extra Curricular Activities

We at Shivaji College endeavour to realise its vision of transforming the community and nation through multifaceted activities and programmes. These activities not only shape the young minds but also serve as a reminder to the students about the truer purpose of education.

The National Service Scheme (NSS) unit of the College undertakes various projects related to spread of education, alleviation of crisis and poverty, rural development, disaster management and so on.

The National Cadet Corps (NCC) unit of the College along with training its cadets for the defence services and instilling patriotism to the country also regularly organises donation camps, awareness programmes and cleanliness drives.

Enactus Shivaji by combining community service and social entrepreneurship, aims at uplifting the underprivileged by teaching them various skills and conducting awareness programmes.

The Equal Opportunity Cell (EOC) aids differently abled students in various ways and provides them a platform for creative expression.

The Women's Development Cell (WDC) strives to contribute towards gender equality and women empowerment by propagating these ideas not only academically through various seminars and conferences but also among the masses by organising awareness programmes and self-defence workshops for women. It also confers the Jijabai Achievers' Award to individuals who have worked at grass root levels for the development of women and gender parity.

The Centre for Promotion of Inclusivity (CFPI) was constituted to address issues of marginalisation and discrimination and to promote inclusiveness and acceptance in society.

Shivaji College believes in holistic growth and development of its students and thus has a number of different societies and cells which seek to develop latent talents of the students. **The Cultural Committee** provides a platform to students to develop and showcase their interests in photography, painting, theatre, dance and music, etc.

The Entrepreneurship Development Cell and **Placement Cell** give students hands-on experience of the practical aspects of entrepreneurship, nurture their skills for future business opportunities and prepare the students to enter the real world.

The Society for Practical Applications and Development of Economics (SPADE), as the name suggests, provides a platform to students to understand the nuances of the practical aspects of economics.

The Literary Society on the other hand provides a platform to promote literary activities in the College and enhance students' creative outlook and critical thinking.

The college understands its role in imparting civic responsibility and thus promotes sustainable ways of development and living. The college leads in organising various projects to emphasise the need for **conservation and ecological balance**. The institution has adopted eco-friendly and sustainable living measures like **rain water harvesting pits, solar power panels, vermicomposting pits** and a well-maintained **herbal garden**. We also take pride in the fact that we have a **lush green vehicle-free campus**.

Shivaji College stands tall today with a legacy of 60 years of resilience and hard work to achieve what was once a dream. Our creed follows a tradition of learning and growth, and leads a trail of a shining future that lies ahead of us. During the darkest of times, the institution has held together its values of work-ethic, integrity and self-belief, uniting all its members in one thread. The heartening journey from humble beginnings to an advanced institution continues as we ever evolve, ever grow.

CHIEF GUEST



Ms. Priyanka G, IAS
District Development Commissioner, Wayanad, Kerala

An IAS officer of the 2017 batch, Ms. Priyanka G currently holds the position of **District Development Commissioner**, Wayanad, Kerala. Although she graduated as an engineer, her passion to work for the society and serve the country made her quit her lucrative job as an engineer at UTC Aerospace Systems and she gravitated towards the true calling of her life- the Civil Services.

She secured 84th rank in the Civil Services Exam 2016 and started her administrative services as an **Assistant Collector** (Trainee) in Trivandrum, Kerala. Here she was actively involved in the **rehabilitation programmes** for the 2018 Kerala Floods. She quickly moved up the ranks to become **The Assistant Secretary, Department of Social Justice and Empowerment**, New Delhi. She then served as The Sub Collector and The Sub Divisional Manager, Calicut, Kerala. During this time she was instrumental in securing the **Blue Flag Certification** for Kappad Beach, an international certificate awarded to the best beaches around the world by the **Foundation for Environmental Education (FEE)**.

She also played a key role in the “**Udayam Home Project**” scheme in Kozhikode which not only gives accommodation to street dwellers but also rehabilitates them into society. This scheme is the first of its kind in India. During the last year, she worked diligently for COVID-19 disaster management activities which provided solace and support to thousands during the unprecedented crisis. Presently, she is posted as the **District Development Commissioner**, Wayanad, Kerala and looks forward to work in tourism and social sectors of administration.

DISTINGUISHED ALUMNUS



Prof. Rakesh Kumar Seth
Professor, Department of Zoology
University of Delhi

Prof. Rakesh Kumar Seth is Professor in the Department of Zoology, and head of ‘**Applied Entomology and Radiation Biology**’ Unit, University of Delhi since 2000. Prof. Seth pursued his meritorious academic career in Delhi University having an **all through distinction in B.Sc. (Hons), M.Sc. and M.Phil.** Prof. Seth graduated in the first batch of B.Sc. (Hons) from the prestigious Shivaji College of Delhi University in 1977. He got his Ph.D. degree (Delhi University) in 1985 for a **novel piece of research work on Radiation Entomology.**

Prof. Seth got inducted in the University of Delhi in 1990. Prof. Seth has a sound experience of more than **30 years in research and teaching.** Prof. Seth has supervised research of **12 Phd, 23 M.Phil.** and more than **75 M.Sc. students.** He is **Fellow of the National Academy of Sciences, India (FNASc), Fellow of Royal Entomological Society (FRES), Fellow of Nuclear Society for Agriculture and Sciences (FNAS), Fellow of Entomological Society of India (FESI).** He is a Life member of seven distinguished scientific bodies. He has been teaching Applied Entomology, Radiation Biology, Insect Behaviour, Animal Physiology, Endocrine Physiology, Chronobiology in M.Sc. Zoology, Delhi University, with a magnificent micro-dissection skill and expertise in physiology (especially frog heart exercises). Prof. Seth has been teaching a distinctly designed unique course on “**Radiation Biology and Insect Control**” in M.Phil. in the Zoology Department, Delhi University since 1996.

He is an established investigator in the area of Applied Entomology. In his five **International Atomic Energy Agency (IAEA)** supported projects, his work has unambiguously (i) established radio-genetic ‘Inherited Sterility Technique’- a modified Sterile insect Technique (SIT), for management of a tropical pest, *Spodoptera litura*, (ii) demonstrated ‘Inherited Sterility’ in *Manduca sexta* and *Maruca vitrata* (iii) established the adjuvant effect of Entomopathogenic nematodes (EPNs) with radio-genetic ‘F₁ sterility technique’, as a biorational approach. He is devising newer **biorational approaches** (including EPNs and biopesticides) in conjunction with ‘Inherited Sterility technique and other nuclear techniques. In an **European Commission (EC)**

Project, he has done in depth studies on male reproduction for optimization of the radio-genetic control tactics. A most definitive review to-date on the eupyrene and apyrene dichotomy in insect sperm has resulted therefrom in ‘**Advances in Insect Physiology**’ in 2005. He has extended his work on Radiation technology towards control of disease-vectors and stored product pests. Parallel studies have also lead to molecular understanding of the intrinsically high radio-resistance of Sf9 (Lepidopteran insect cells). Prof. Seth was also involved in an important **International project**, “*Spodoptera litura* genome sequencing project” that fetched in a publication in ‘**Nature Ecology & Evolution**’ in 2017.

He is an **acknowledged leader** in the radiation mediated Sterile Insect Technique and ‘F₁ sterility’ tactic and has published ca. 100 papers in peer reviewed International and National journals with high impact factor. Dr. Seth has more than **125 presentations** to his credit at various **International and National platforms**.

His achievements include **DST Young Scientist Award** (1987), **National UGC Research Scientist award** (1990); **EC Post-Doc Fellowship** [1991-'92], seven International Projects, seventeen National projects. Prof. Seth was conferred **Lifetime Achievement Award** – 2020 by Dr. B.Vasantharaj David Foundation for his contribution in Applied Entomology with focus on pest management.

Prof. Seth had **scientific collaboration** with **Bath University (UK)**, International Centre for Genetic Engineering and Biotechnology (ICGEB), Nuclear Research Laboratory, CDFD, IARI and INMAS (Ministry of Defense). He has an artistic perspective also to his illustrious career, as evidenced by his winning of International Logo Contest of IAEA, Vienna (1990).

His work has consistently supported philosophy of intercepting pest reproduction rather than instant killing for pest management. Prof. Seth inherits the **high caliber legacy** of the School of Entomology of University of Delhi and has continued to set high standards of research and teaching in Entomology, Radiation biology and Physiology.

PRINCIPAL'S REPORT

I would like to extend a warm welcome to our **Chief Guest for the day Ms Priyanka G IAS**, on this **60th Diamond Jubilee Annual Day** of the College, which is indeed a profound moment. I also would heartily like to welcome **distinguished alumnus Prof R.K Seth**, parents and above all, our dear students.

As I look back over the last academic year 2020-21, I feel a sense of pride at the way our college has emerged victorious and strong, our torch ever shining bright in the darkest of times. I reflect on the journey we have gone through not as a rocky path full of obstacles but as a road to the transformation of Shivaji College. The Covid - 19 era has transformed the college into a **technologically advanced institution** with the organisation of numerous online events and webinars, the **shift to digital classrooms through online platforms** and access to **digital material, e-resources and e-content** for students and faculty.

Shivaji College, accredited with grade "A" by NAAC, is a co-educational constituent college of the University of Delhi with **3939** students consisting of **18** departments offering **26** undergraduate courses and **3** postgraduate courses. The faculty comprises 195 teaching and **109** non-teaching members. The College was ranked **31** among the Science Colleges and **26** in Commerce and **39** Humanities by **India Today in 2021**. The college has been ranked **51** by **NIRF 2020**. Shivaji College was also selected by the **Department of Biotechnology (DBT)** under its **Star College Scheme**, receiving financial support for four departments; namely, Zoology, Botany, Chemistry and Biochemistry. Moreover, the College was awarded the **Dr. Meenakshi Gopinath Cup** for the 'Best Herbal Garden' in the University at the **62nd Flower Show held in 2020**.

We have broadened our horizons in research and **enhanced online teaching-learning**. The college upgraded to the latest technology and online resources. One of these remarkable achievements was the launch of **SPACE (Shivaji Platform for Academic Connect and Empowerment)**, a digital interface and an **ERP system** that integrates and digitalises all the functionalities of the college system that were previously maintained manually. As part of the **Diamond Jubilee Celebrations**, several **webinars and lectures** were organised where eminent guests such as **Prof. M. Jagadesh Kumar, Vice Chancellor, JNU; Prof. P.C. Joshi, Vice Chancellor, DU and Prof. Rakesh Bhatnagar, Vice Chancellor, BHU** had shared their valuable insights.

The college has formed several **Cells and Committees** to address the needs of the Covid era. The **E- Learning Cell** was constituted for the purpose of keeping the faculty and students updated on the latest technological advances in ICT, which held several training programs, two online add-on courses in collaboration with IIT Bombay and one week FDP training programmes for teachers. **The Research Cell** of the College was strengthened to facilitate and support research interests among faculty members. Under the aegis of CRC, the college initiated an Intramural Research Scheme with a grant of (upto) Rs 30,000/- to faculty members and students for a year long **minor research project**. Various training sessions have also been conducted to make the teachers and students aware of the different modalities of online teaching and learning. The

college has constituted a **Student Grievance Cell** to address grievances related to examinations and academic activities during COVID-19. The **Centre for Promotion of Inclusivity (CFPI)** was constituted to address issues of marginalisation and discrimination and to promote inclusivity and acceptance in society. The college also set up a **HELP GROUP** comprising students and senior faculty to assist students in distress. It's a matter of immense pride that we could inaugurate a **Covid19 vaccination camp** at the college in association with Delhi University Health Centre (West Campus).

To ensure active academic engagement and smooth functioning of the online education mode, we held weekly meetings with students and Teachers-in-Charge to discuss syllabus completion, regularity of classes, and other matters. Furthermore, teachers diligently furnished weekly reports of their classes through emails and Google forms. We have also upgraded our infrastructure and tried to streamline it according to the present necessities. As part of the process we have revamped and upgraded our College Website by making it more user friendly for both the teaching and non teaching staff and the students of the College. **Audio Visual systems** were installed in the Committee Room so that online meetings and other activities can be smoothly conducted. In addition to the **fee concession** given every year to students from economically weaker sections of the society, the College provided a **concession of Rs. 6,350/-** to all the students keeping into consideration financial challenges faced by many families in the wake of the COVID pandemic. This year we have also created the posts of **Media Coordinator** and **Social Media Coordinator** to increase the dimensional growth and visibility of the College keeping in mind the fact that these mediums are of remarkable significance in the present scenario of this ever changing world.

Through my long association with the College in various capacities at the teaching and administrative levels, it is also a moment of personal happiness for me to see the College growing every year and reaching new heights following the footprints of all recent global developments. I find myself to be very fortunate to be able to witness this rise from such a close quarter which is both a personal and collective cherishable memory for all of us.

Various community outreach programmes were also carried out. **NCC** cadets of 7 Delhi Girls Bn, Shivaji College spread awareness about Covid19 safety protocols through social media and their effort was recognised by the NCC Directorate Delhi. **NCC** cadets also planted trees and plants at their respective places during lockdown. The cadets were also on duty during the **Covid19 vaccination camp** in the college. **NSS** student volunteers started a **Task Force** to extend support and information pertaining to emergency and essential services required in dealing with Covid. During the **second wave of Covid**, **NSS volunteers** have been helping people get **oxygen cylinders, medicines** and have been providing information about availability of **beds in hospitals**. Their efforts have been appreciated in the media too. **NSS** and **Enactus** made great efforts to **promote awareness** about menstrual hygiene through menstrual pad drives and several health sessions. A drive for **Earth Saviour Foundation** was also conducted by **NSS** where essential food items were collected for Covid infected areas. **Enactus** Shivaji conducted several **webinars on Mental Health, Menstrual Hygiene, Soft Skills, Sustainable Development and Breast Cancer Awareness**. **Enactus** researched on the new project which involves the cultivation of mushrooms from stubble and growing Mycelium as a substitute for plastic.

Apart from these academic and outreach endeavours, the College continued dynamically with its cultural and creative environment. **Vibrations 2021, The Annual College Fest** was organised entirely online with varied competitions such as **Open Mic, Luminum** (Online Photography) and **Syaahi** (Online Script Writing), **Athena** (Debating), **Tanzmania** (Online Dance Competition) and **Panache** (Online Fashion Show). Shivaji alumni Ashtam Neelkanth, Rehan Hooda and Rajesh Kumar Jha were invited to the **Inauguration** to share their experiences of the College. In addition, several online hands-on entrepreneurial activities were conducted through societies such as **Placement Cell, SPADE and Finance and Investment Cell. SPADE**, the Socio-Economic Society of Shivaji College organised the 4th edition of its annual festival, 'Annual Consortium for Excellence: Ace of SPADE' where the 4th edition of the annual research book *Arthmanthan* was unveiled. It organised speaker sessions and solution-based documentaries where eminent speakers were invited. The Internship and Job Fair was also organised by Placement Cell in 2021.

The teaching and non teaching staff are the pillars of excellence of education in an institution. In order to create strong academic foundations, the faculty members as well as non-teaching staff are encouraged to update their skills by attending refresher and orientation courses, exchange programmes and workshops throughout the year. The college and individual departments organised several **international and national webinars, lecture series, workshops and field visits** to provide a platform for the staff and students to engage with eminent speakers. Presently, 129 out of 195 teachers have PhD degrees. Three research projects are being undertaken currently by the Science departments. Shivaji College is partnering with Himalayan Degree College, Rajouri, Jammu & Kashmir and Nar Bahadur Bhandari Degree College, Tadong, Gangtok under the Vidya Vistar Scheme. Till date, we have successfully completed 134 long pending promotions of various stages. It also gives me immense delight to inform you all that we have prepared ourselves successfully for the **NAAC Second Cycle Accreditation** and the process of submitting the reports would be completed within a few weeks.

With the hope and prayers for a better future of the college, I would like to thank you all for being with us here today and I am sure that with your best efforts and wishes Shivaji College would continue to ascend the steps of glory.

Prof. Shiv Kumar Sahdev
Principal

Courage Amidst Crisis

Shivaji College Battles the Pandemic

The Covid19 era has enabled digitalisation and upgrade of the College according to organisation of numerous **online events and webinars** as well as the shift to digital classrooms. The College purchased a licensed version of ZOOM for official use and hosts all online lectures on Microsoft Teams under '**One DU Flagship Program**'. Study material can now be accessed online through various sources. **E-Content repository** on the College website ensures easy accessibility to study materials and enables academic interaction between students and teachers. There is availability of access to several **e-resources** for seamless learning which includes online library resources at the Central Library of Delhi University, access to a special database called N-LIST and DELNET.

E-Learning Cell was constituted for the purpose of keeping the faculty and students updated on the latest technological advances in ICT. Several training programs were held by this cell. Two online add-on courses in collaboration with IIT Bombay were introduced for the skill enhancement of students and faculty members. One week FDP training programmes for teachers was successfully completed under the aegis of E-Learning Cell. **The Research Cell** of the college was strengthened to facilitate and support research interests among faculty members. Under the aegis of CRC, the College initiated an Intramural Research Scheme with a grant of (upto) Rs 30,000/- to faculty members and students for a year-long minor research project. The College constituted a Student Grievance Cell to address grievances related to examinations and academic activities during COVID-19. The College also set up a HELP GROUP comprising students and senior faculty to assist students in distress. A special NSS Team of Volunteers was constituted to reach out to students with disabilities. NSS students also formed a task force to give authentic information about healthcare equipment, services and medicines.

To combat the lack of face-to-face interactions with faculty and students, weekly meetings with students and the Principal were held to discuss syllabus completion, regularity of classes held, and so on. Furthermore, teachers diligently furnished weekly reports of their classes through emails and Google forms.

The pandemic brought with it financial and health issues for many families. Thus, in addition to the **fee concession** given every year to students from **economically weaker sections of the society**, the College provided a **concession of Rs. 6350/- to all the students** keeping into consideration financial challenges faced by many families in the wake of the Covid pandemic. **Covid19 vaccination camp** is also being organised by Shivaji College in association with Delhi University Health Centre (West Campus) for 45+ as well as 18+ age groups.

In 2020-21, the College transitioned to **online teaching-learning platforms**. In addition, the College upgraded to the latest technology and online teaching-learning resources. In this spirit, Shivaji launched **SPACE (Shivaji Platform for Academic Connect and Empowerment)**, a digital interface and an ERP system that manages College functionalities through online technology.

Several national and international webinars, online workshops, hands-on entrepreneurial training, internship fair and outreach activities have taken place through all Committees. **The Centre for Promotion of Inclusivity (CFPI)** was constituted to promote acceptance and equality in society regardless of background, community, orientation etc. The College has thus determinedly carried on its smooth functioning in digital mode in the face of Covid times.

DEPARTMENTAL ACTIVITIES

All the departments of various disciplines in the College held academic and non-academic events throughout the year. This year too, numerous conferences, seminars, workshops, interactive sessions, and inter- and intra-College competitions were organised. Some major highlights of the year are:

1. Department of Biochemistry

I. The Workshops/Training programs organised by the Department of Biochemistry are as follows:

- i. Six Week Online Summer Training Program on “Research Methodology” from June 18 –July 30, 2020
- ii. Online Workshop on “*Drosophila melanogaster*: A beginner’s Guide to Culturing and Maintenance”, November 12, 2020
- iii. Five-day National Workshop with Hands-on Training through Virtual Platform on “Bioinformatics and Biostatistics: A Beginner’s Guide” from January 16-20, 2021
- iv. Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, February 8-15, 2021
- v. Workshop for Government School Teachers in Biological and Chemical Sciences from March 22-26, 2021
- vi. Online Hands-on Training Workshop for students using Bioinformatics Tools for Understanding Protein Biology, April 16-17, 2021

II. The Lectures/Webinars organised by the Department of Biochemistry are as follows:

- i. Professor Yogendra Singh, Department of Zoology, University of Delhi on “Microbial Genes and Genomes: Impact on our lives”, on July 20, 2020
- ii. Dr. Anita Aggarwal, Scientist E, DST, on “Building Science Technology and Innovation capacity: An overview of ecosystem”, on July 22, 2020
- iii. Dr. Manish Kumar, Department of Biophysics, University of Delhi, on “Meta-Analysis: Predicting Future using Past”, on July 25, 2020
- iv. Dr. Arijit Bhowmick, Leading Oligo Therapy and ex-vivo CRISPR R&D core teams at Regeneron, USA, on “Using Oligonucleotides As Drugs: The Story of siRNA, ASO and Aptamers”, on September 25, 2020
- v. Dr. Reddiah B. Mummaneni, Neurologist and Sleep specialist, Cedar Park Regional Medical Center, Cedar Park, Texas, USA on the topic “The Malleable Brain”, on October 10, 2020

III. The **virtual lab tours** organised by the Department of Biochemistry are as follows:

- i. A virtual lab tour of the research labs at the Jawaharlal Nehru University (JNU), Delhi,

India was conducted by Dr. Souvik Bhattacharya on April 15, 2021 at 1 PM, on MS Teams virtual platform.

- ii. A virtual lab tour of the research labs of the Regional Centre for Biotechnology (RCB), Faridabad, India was conducted by Dr. Saikat Bhattacharya on April 16, 2021 at 5 PM, on MS Teams virtual platform.

IV. The **Annual Academic Festival** of the Department of Biochemistry was held on April 6, 2021, and included the following:

- i. An invited lecture by Professor Sudhanshu Vrati, Executive Director, Regional Centre for Biotechnology (RCB), Faridabad delivered a talk entitled “Covid-19 therapeutics”,
- ii. Inter-College Virtual Poster Presentation
- iii. Inter-College Virtual Debate Competitions

V. The Department of Biochemistry, Shivaji College, University of Delhi organised its Online Alumni Meet on March 13, 2021 on virtual platform-Zoom

2. Department of Botany

Organised:

- i. A four-week event “**Tools and Techniques in Plant Sciences: Morphology to Metabolome,**” was held at National level (July 6- July 31, 2020) under the aegis of DBT sponsored Star College scheme.
- ii. A one-week “**Inter College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Sciences Laboratories**” was organised on February 8-15, 2021 under the aegis of DBT sponsored Star College scheme.
- iii. A five-day “**Workshop for School Teachers in Biological and Chemical Sciences**” was organised by the Department of Biochemistry, Botany, Chemistry and Zoology of Shivaji College under the aegis of DBT sponsored star College scheme from March 22-26, 2021.
- iv. Department of Botany, under the aegis of DBT sponsored star College scheme organised an **International Webinar** on “Environment, Gender and Climate Change” on July 27, 2020. The speakers of the event were Dr. Greta Gerrard, Professor of English, University of Wisconsin, USA; Dr. Vandana Singh, Professor of Physics, Framingham State University, USA and Dr. Vijaya Laxmi Singh, University of Delhi.
- v. Department of Botany, organised a **National Webinar** on “Impact of Corona Virus on human central nervous system: latest updates and trends” on January 16, 2021. Speaker was Dr. Ritu Mishra, DST-INSPIRE Faculty from National Institute of Immunology.
- vi. Department of Botany organised a **National Webinar** on the topic “Decolorization and Detoxification of Textile Wastewaters using Laccases of *Cyathus Bulleri*” on January 21, 2021. Speaker was Prof. Saroj Mishra, from the Department of Biochemical Engineering and Biotechnology, IIT Delhi.

- vii. An **Online Workshop** on Mushroom Cultivation by Mr. Sumit Sharan, the Founder of Shroomery - A mushroom cultivation farm located near Manesar, Gurgaon was organised by the Department of Botany on March 6, 2021.
- viii. The Department of Botany organised a **Virtual Visit** to Yakult Danone Plant, Sonipat via MS teams for students of Botany (H), 6th semester on February 25, 2021.
- ix. Department of Botany organised **Annual Botanical Fest, Juniper 2021** on online platform from February 28- March 2, 2021
- x. The Department of Botany has organised an **Alumni Meet** on April 17, 2021 on an online platform.

3. Department of Business Economics

The Department of Business Economics organised the following events during 2020-21:

- i. **Digital Revolution: A Webinar** conducted by Dr. Kirti Sharma (Assistant Prof. MDI Gurgaon) and Ms. Chanpreet Arora (Consultant, Startup Evangelist) on October 9, 2020
- ii. **Orientation Day:** The Department organised the Orientation Day for first year students on November 18, 2020. Another round of orientation was organised on January 4, 2021 for the freshers joining in the subsequent lists on MS Teams Platform
- iii. **Freshers Meet:** The Department organised an online Freshers Meet on February 6, 2021
- iv. **Redefining Marketing: A Webinar** was conducted by Dr. Rajan Saxena (Former Vice Chancellor, NMIMS Mumbai) on March 4, 2021
- v. **Invoke 2021:** The annual fest organised on March 17, 2021 under the department of business economics. It had 3 competitions and an educational **Webinar** namely:
 - i. Moneyball: A real simulation of the stock market
 - ii. Forager's Quest: An economics-based treasure hunt
 - iii. Bid Bazaar: An auction themed game focusing on capital management
 - iv. India 2030: A Webinar conducted by Prof. Subodh Mathur, an Economist and a consultant.
- vi. Imprints- 2021: The Department Alumni Meet was organised online on MS Teams platform on March 20, 2021

4. Department of Chemistry

I. Organised:

- i. Four-week **online summer training program** on "Virtual World of Chemistry" from July 1-28, 2020 on Zoom platform.
- ii. **Digital Collage Making Competition** on the theme "Academic Life during Lockdown" on October 10, 2020.

- iii. **Digital Logo Making Competition** on the theme “Chemistry as a Symbol” on January 6, 2020.
- iv. **Caricature Sketch Competition** on the theme “Our Famous Scientists” on October 22, 2020.
- v. **Cartoon Making Competition** on the theme “Glimpses of Chemistry Lab” in the month of October, 2020.
- vi. **Poetry Competition** on the theme “International Day for preventing the exploitation of the environment in war and armed conflicts” on November 25, 2020.
- vii. **Poster Making Competition** on the theme “Let’s Recycle and conserve our Planet” in the on November 27, 2020.
- viii. **Annual Chemistry Fest “Rastantrum ’20”** on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- ix. **Inter-College Laboratory Skill Training Programme** was organised for Assistants/ Attendants in the Chemical and Life Science Laboratories from February 8-15, 2021 at Shivaji College, University of Delhi
- x. A five-day **Workshop**, “Workshop for school teachers in biological and Chemical sciences” was organised from March 22-26, 2021.
- xi. **Online Workshop** on the topic “Riveting Story of Molecular Modeling” on April 10, 2021, on Zoom platform.
- xii. A **Virtual Tour** of CSIR Labs on April 21, 2021 on Microsoft Teams platform. It involved virtual tours in the form of videos, to seven CSIR Labs.

II. Organised **Webinars** and **lectures** by:

- i. Professor A. K. Bakhshi, Vice Chancellor, PDM University, Bahadurgarh, Haryana on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” on September 19, 2020.
- ii. Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on the topic “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” on September 26, 2020.
- iii. Dr. Balaram Pani, Dean of Colleges, University of Delhi on the topic “Correlation of Environmental Chemistry in National Education Policy” on September 27, 2020.
- iv. Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on the topic “Environmental challenges in front of society in current scenario and future strategies” on October 09, 2020.
- v. Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” on October 17, 2020.

5. Department of Commerce

Organised:

- i. A **Webinar** under the aegis of IQAC, on the topic “Changing Paradigm of Research in COVID era” on May 12, 2020. Dr. Hamendra Kumar Dangi, Associate Professor, Department of Commerce, Delhi School of Economics, University of Delhi, was the resource person for the webinar.
- ii. A **Webinar** under the aegis of IQAC, on the topic “Building Self-Reliant India in Post COVID-19 Regime” on May 19, 2020. Professor Tejinder Sharma, Department of Commerce, Kurukshetra University, was the resource person for the webinar.
- iii. A 9 Day **Certificate Course** on GST in collaboration with Voice of CA, from August 17- 28, 2020. Various Chartered Accountants like CA Aanchal Kapoor, CA Ashok Batra, CA Archana Jain, CA Sonia Chabra, CA Navya Malhotra, CA Rahul, CA Piyush Bansal and CA Gaurav Gupta headed the **Webinars** on essential aspects of Goods and Services Tax.
- iv. A **Webinar** under the aegis of IQAC, on the topic “Strategies for India’s Economic Growth in VUCA world” on September 29, 2020. Prof. Alok Pandey, Director, IMS Ghaziabad was the speaker for the session.
- v. Kaizen, the Commerce Society of Shivaji College organised a **Webinar** on the topic “Investment Awareness and the Role of Regulators” on February 5, 2021. Ms. Veena Kumari (Manager, SBI), Mr. Harbinder Sokhi (BSE, IPF), and Mr. Amit Kumar Jain (Manager, CDSL) were the speakers for the session.
- vi. One-week Interdisciplinary **Online FDP** on the topic, “Hypothesis Testing and Techniques for Data Analysis” from March 5-11, 2021 in collaboration with Mahatma Hansraj Faculty Development Centre and Department of Commerce, University of Delhi (As knowledge partner) under the aegis of Department-College Interface. The inaugural event of the FDP was graced by Prof. R.K. Singh, Head and Dean, Department of Commerce, Delhi School of Economics, as Chief Guest virtually.
- vii. Kaizen, the Commerce Society of Shivaji College organised its **Annual Academic Festival: OPTIMUM 2021**’ on April 6, 2021 in online mode. Professor Vijay Kumar Shrotryia, Department of Commerce, Delhi School of Economics, graced the occasion as Chief Guest and addressed the audience on the topic ‘ Purpose, Passion and Happiness.’ More than 200 participants attended the event. Also, the fifth edition of ‘OPTIMUM’, the annual departmental magazine, was unveiled on occasion.

6. Department of Computer Science

Organised:

- i. An **Online Departmental Orientation** on November 18, 2020 on Zoom platform, to mark the beginning of the academic session 2020-21, for the newly admitted 1st Year students.

- ii. The Computer Science society of Shivaji College, Websters, organised its **Annual technical fest Techelons** for the session 2021 on March 2-3, 2021. Due to the ongoing pandemic, it was held in a complete online mode. The fest consisted of technical and non-technical events.

The following events were held: -

- i. Data Divination- Data Science Competition
- ii. Code Hunter- Coding Competition (Java & C++ platform)
- iii. Quizophile- Quiz Competition
- iv. Picturesque- Poster Making Competition
- v. Googler- Championing the art of searching.

Some of the prominent Colleges and universities that participated are as follows:

IIT Kanpur, IIT- Kharagpur, IIT-Delhi, IIT-Guwahati IIT-BHU, IIM-Indore, NITs, AIIMS-Bhubaneswar, BITS, NSUT, DTU, many Colleges of DU, IPU and many more.

The finale of Quizophile- Quiz Competition was held live on Zoom platform.

III. Two-day **Workshop** on the Theme-**Computer Vision** on April 21-22, 2021. Due to the ongoing pandemic, the workshop was conducted in online mode on the Zoom platform. The guest speaker for the workshop was Mr. Sameer Nigam, a Machine Learning Trainer with more than five years of experience in training and educating.

7. Department of Economics

Organised:

- i. An International **Webinar** on ‘Social Inclusion: Making Development Sustainable’ on November 6, 2020 in collaboration with Alumni Relations Cell, Shivaji College. This **webinar** was organised on Zoom. Dr. Nishith Prakash (Associate Professor, University of Connecticut, Storrs, U.S.A) and Dr. Aparajita Dasgupta (Assistant Professor, Ashoka University) were invited to deliver lectures.
- ii. Orientation Programme for the first year students on November 18, 2020 on Zoom.
- iii. Freshers’ Meet for the first-year students on January 30, 2021 on Zoom.
- iv. A **Webinar** on “Union Budget 2021: Macroeconomic Impact and Employment Issue” on February 25, 2021. This **Webinar** was organised on Zoom. Prof. Sunil Ashra, Management Development Institute, Gurgaon was invited to deliver lecture.
- v. An Alumni Meet on April 17, 2021 on Zoom.
- vi. **Annual Economics Festival Pareto** on April 22-23, 2021 on Zoom. Event: Economist of the Year 2021.

8. Department of English

Organised:

- i. A **Webinar** on the topic **Academic and Creative Writing: Exploring New Vistas**, on October 6, 2020, which had lectures by Dr. Sami Ahmad Khan (Award-winning novelist, Documentary Producer & Assistant Professor, IP University) and Dr. Vivek Mishra, Research Fellow, Indian Council of World Affairs, & Deputy Director, Kalinga Institute, Bhubaneswar.
- ii. An **International Webinar** on the topic “Betwixt Craft and Research: Translation the Twain Shall Meet” on October 15, 2020, with a lecture by John Vater, Translator & Researcher, Co-Translator of *The Play of Dolls* by Kunwar Narain.
- iii. The Orientation Day for Freshers on November 18, 2020. New admissions were oriented regarding the course content of English Hons. and rules and regulations of online teaching.
- iv. Various **competitions** such as Tell a Tale, Slam Poetry, Text Illustration, & Short Story Writing under the aegis of Litopia on February 9, 2021.
- v. A **Webinar** on the topic “Cilappatikaram & the South Indian Epic Form” on February 9, 2021, which had Dr. H.S. Shivprakash (Professor, School of Arts & Aesthetics, JNU) as keynote speaker.
- vi. A Farewell & Alumni Meet on March 30-31, 2020, for the outgoing batch of 2021, through both online and offline modes, keeping the COVID protocols in place.
- vii. An **International Open Mic event** in collaboration with Protect Your Mom Foundation, under Breast Cancer Awareness Program April 30, 2021.

9. Department of Environmental Studies

Organised:

- i. A **Field Visit** to Najafgarh Drain, New Delhi, to study the impact of water pollution on the aquatic ecosystem. Students of BA (H) Business Economics and B.Com. (Prog.) Sem-I visited the site under the guidance of Dr. Virat Jolli and Dr. Ashwani Sharma on December 8, 2020.
- ii. A **Field Visit** to Kamla Nehru Park, New Delhi for students of BA (Hons) Mathematics to study the Forest Ecosystem on January 28, 2021. The students visited the site and were guided by Dr. Ashwani Sharma and Dr. Virat Jolli.
- iii. **Trees Identification and Count** organised on February 2-3, 2021: Students of BSc APS Sem-I and BA (Prog.) Sem-1 learnt to identify Shivaji College Campus trees. They also counted the number of trees in the College Campus. Students were able to identify 25 tree species of the College. They reported that the College has high tree species richness with the dominance of *Polyalthia longifolia*. Students also identified a forest tree species in the College Campus, Dhak *Butea monsosperma*.

- iv. During the current academic session, the Department organised **Demonstration-cum-Training Programme** of waste paper recycling for students of BA (Prog.) Sem-1 on February 25-26, 2021. Students participated and learnt the art of recycling waste paper. Students recycled 10 kg of waste paper during this exercise. A total of 25 sheets were made by students.
- v. Students of BA (H) Sanskrit and Hindi received **Online Training** under the supervision of Dr. Virat Jolli to identify common birds of India. They participated in Backyard Bird and Butterfly Count April 28 to May 1, 2021 and recorded birds and butterfly of their respective backyards.
- vi. **Green and Environment Audit** organised on July 10, 2020 and October 14, 2020: Department of EVS audited the green assets of the college and also helped in determining the carbon footprints of the college.

10. Department of Geography

I. Organised Webinars by:

- i. Dr Anuj Tiwari (Independent Researcher and Geospatial Expert, USA) on “Geospatial Technology: Opportunities and Challenges” on May 20, 2020
- ii. Shri Shekhar Chaturvedi, Shri Vikram Gurjar, Dr Lalita Rana, Dr. Preeti Tewari, Ms Pooja Pancholi, Dr. Prabuddh K Mishra, Shri Arun Verma on “Comprehensive Disaster Management” on October 24, 2020
- iii. Dr Pawan K Joshi (Professor, School of Environmental Sciences, Concurrent Faculty, Special Centre for Disaster Research, Jawaharlal Nehru University) on “Disaster Risk Reduction” on March 5, 2021.

II. The department organised the following events:

- i. Annual Picnic to Sultanpur Bird Sanctuary on February 19, 2020
- ii. T-Shirt making in March 2, 2020
- iii. **Online Awareness Quiz** on Covid-19 through Google Forms in May 15-22, 2020
- iv. Farewell (Batch 2017-20) on August 1, 2020, 10:00AM on Zoom Platform.
- v. **Inter College Quiz Competition** GEO-TRIVIA on September 30, 2020 at 11 AM through G-Meets
- vi. **Inter College Poster Making Competition** on the theme Disaster Risk Reduction on October 14, 2020
- vii. **Inter College Extempore Competition** on the theme Green Diwali on November 13, 2020, at 11 AM
- viii. Virtual Fresher’s Party on January 16, 2021 at 11 AM through Zoom Platform
- ix. **Inter College Map Pointer Competition** on February 27, 2021 at 11 AM
- x. **Alumni Meet ‘21** on April 17, 2021 at 2 PM

- xi. Online Farewell (Batch 2018-21) on April 19, 2021 at 2 PM through Zoom Platform

III. The Department of Geography organised **Shivalik: The Annual Fest** on March 5, 2021.

The following activities were organised:

- i. **Webinar** by Dr. Pawan K. Joshi (Professor, School of Environmental Sciences, Concurrent Faculty, Special Centre for Disaster Research, Jawaharlal Nehru University) on “Disaster Risk Reduction”
- ii. **Chhavi: The Photography Competition**, on the theme “Life during Covid Lockdown.”
- iii. **Bhu-Kriti: the Poster Making Competition**, on the theme “Disaster Risk Reduction through early warning system”.
- iv. **Dhara-Vivechana: The Debating Competition**, on the theme “The house believes that we’re overreacting to COVID as some other diseases are more deadly.”
- v. Release of the Annual Departmental **Magazine Shivalik-2021** during the event.

11. Department of Hindi

Organised:

- i. Two Day Inter College Online Competition on the occasion of World Hindi Day, i.e. January 9-10, 2021 under the courtesy of our eminent and prestigious literary and cultural Society Sahitya Sangam.
- ii. Webinar on “Matribhasha aur Rashtriya Shiksha Neeti 2020” on the occasion of Mother Tongue Day, i.e. February 21, 2021 under the courtesy of our eminent and prestigious literary and cultural Society Sahitya Sangam.
- iii. An Online Song Competition (folk song) organized under the courtesy of our eminent Literary and Cultural Society Sahitya Sangam on January 25, 2021.
- iv. An online farewell function organized by 3rd year students, on this occasion an e-magazine named Anubhavmani was released. The function held on April 19, 2021 under the courtesy of Sahitya Sangam.

12. Department of History

In the academic year 2020-21, notwithstanding the unprecedented challenges posed by the pandemic the department organised a series of **Webinars** and interactive and competitive events using the online medium.

Organised:

- i. **Webinar** by Ms. Lipika Sud, President, Guild of Designers and Artist, on “Heritage: A source of Pride and Inspiration in Times of Crisis” on October 16, 2020.
- ii. **Film Screening and Review Competition** for students on January 1, 2021.
- iii. A **Virtual Tour** of the Historic Silk Routes through Zoom platform was conducted by Dr. Sonal on February 5, 2021.
- iv. A **Webinar** in the honor of Prof. Sunil Kumar, a lecture was delivered by Prof. B.P.

Sahu (Department of History University of Delhi) on “Religion and Societies during the First Millennium CE- An overview” on February 19, 2021.

- v. A **Webinar** in the honor of Prof. D N Jha, a lecture was delivered by Prof. Amar Farooqui (Department of History University of Delhi) on “Sources and the Historian: Some Early Writings on the Revolt, c. 1857-1880s” on February 26, 2021.
- vi. Through a **Virtual Historical Tour**, Dr. Amarjiva Lochan covered Patna Museum, Ellora cave temple, Petra Mountain city, the wadi- Rum, Pompeii and the pyramids of Giza, Saqqara, the valley of the Dead, the Temples of Luxor, Hapshepsut and Philae and Abu Simbel, the temple of Ramses II, on March 5, 2021.
- vii. An **Online Alumni Meet**, hosted on March 19, 2021 by the department, more than 50 ex-students including our most prominent alumni Mr. Anjani Kumar, IFS, currently Ambassador to Mali and Mr. Ajeet Vasant IAS, presently Chief Executive Officer, Zila Panchayat, Rajnandgaon, Chhattisgarh, were present.
- viii. Students’ Debate, Painting, Poetry and Character Play **Competitions** on April 8, 2021.

13. Department of Mathematics

Organised:

- i. Departmental **Annual Fest Infinity 2021** on March 1, 2021 in online mode. Professor Anuradha Devi, Dean Royal School of Applied & Pure Sciences, Assam Royal Global University delivered a talk on the “Mathematics Is Everywhere.”

14. Department of Physical Education

The COVID-19 pandemic has forced an unprecedented global shut-down. But the department of Physical Education at Shivaji College planned and implemented various online sports activities to keep its students healthy and fit throughout the session. Some of these physical activities are listed below:

Organised:

I. Session on “**Health Through Yoga, Meditation and Physical Activity**”

The Department of Physical Education in collaboration with N.S.S. organised a two-week session on “Health through yoga, meditation and physical Activity” from July 6 to July 17 2020. The students of Shivaji College, teaching staff and non-teaching staff participated in the event. The physical activities included in this session were power yoga, laughter yoga, musical yoga, Zumba, Aerobics and stress-relieving meditation.

II. **Yoga: Surya Namaskar** September 28, 2020.

Sun Salutation is a practice in yoga as exercise incorporating a flow sequence of some twelve gracefully linked asanas. Regular practice of Surya Namaskar was conducted via online mode. Once perfection was achieved, the performance was recorded.

III. **Aerobics** October 28, 2020.

A high-energy online aerobics class was conducted by Department of Physical Education. The students enjoyed the cardio workout that melted fat, strengthened the core, and improved flexibility.

IV. **Yoga Asanas/Postures** February 19, 2021

The students were taught and trained various poses and asanas via online mode and on achieving perfection, the performance was recorded.

V. **Sports Specific Drill using Props** March 26, 2021

To develop agility and neuromuscular coordination in our students, the department trained them with various interesting sports-related drill using props. The practice was taken on a regular basis via online mode and once the student attained perfection, the performance was video recorded.

VI. **Leadership Training** April 28, 2021

It is important for students to experience leadership opportunities to display effective communication, self-confidence, and interpersonal skills. The Department gave its students exposure to be a coach and organise a teaching/ training class on their own. The demonstration of the same is video recorded and presented.

15. **Department of Physics**

I. Organised lectures by:

- i. Dr. Seungbum Hong (Associate Professor, Korea Advanced Institute of Science and Technology, Korea) and Dr. Sian E Dutton (Reader in Physics and Solid State Chemistry, Cavendish lab., Department of chemistry, England) on the topic: “Recent Trends in Material Science” on October 9, 2020
- ii. Dr. David Jeffrey Wineland (Nobel-Laureate, and Physicist at National Institute of Standards and Technology, US) on the topic: “Era of Optical Atomic Clock” on December 4, 2020.

II. Organised

- i. One day **Online Workshop** for 4 students of B.Sc. (H) Physics IV Sem to celebrate the National Science Day at Inter-University Accelerator Centre on February 28, 2021.

III. Physics Department of Shivaji College, in collaboration with Indian Space Research Organisation (ISRO), has provided a platform to conduct various **Online Courses**. The details of the online programs are as follows:

- i. IIRS Outreach Programme on Satellite Photogrammetry and its Application (June 29, 2020 to July 03, 2020)
- ii. IIRS Outreach Programme on Application of Geoinformatics in Ecological Studies (July 13, 2020 to July 24, 2020)
- iii. IIRS Outreach Programme on Remote Sensing and Digital Image Analysis (August 17, 2020 to September 11, 2020)
- iv. IIRS Outreach Programme on IITS Global Navigation Satellite System (September 14-25, 2020)

16. Department of Political Science

Organised:

- I. The UN Day was celebrated by the Department on October 24, 2020 at in virtual mode for the first time by using the Zoom platform.
- II. A **Presentation Competition** among students on the topic: “COVID-19 and the Role of the World Health Organization” was also organised to mark the occasion.
 - i. The Department celebrated Constitution Day on November 26, 2020 through the use of Google-Meet platform by organising a lecture on “Constitutionalism, State and Democratic Transition in India.” Professor Ujjwal Kumar Singh from the Department of Political Science, University of Delhi, one of the most authentic voices on constitutional matters in contemporary times, delivered the lecture.
 - ii. The Department of Political Science celebrated Republic Day virtually on January 25, 2021 using the Google-Meet platform by organising a lecture on “India’s Federal Constitution: Issues and Challenges”. Prof. Rekha Saxena, Department of Political Science, University of Delhi, delivered a lecture on the said topic.
 - iii. International Women’s Day was celebrated also virtually on March 8, 2021 using the Google-Meet platform. Dr. Preeti, a faculty member in the Department of Political Science, Shivaji College, spoke on the topic: “Importance of International Women’s Day: Issues and Challenges”.
 - iv. **Alumni Meet-2021** was organised virtually by the Department on April 3, 2021 at 11 AM through Google-Meet platform.
 - v. **Annual Departmental Festival Renaissance** was organised by the Department on April 16, 2021 at by using Google-Meet platform. Prof. Sanjeev Kumar, Department of Political Science, University of Delhi, delivered a talk on “Euro-centrism in International Relations: An Indian Perspective” to mark the occasion.

17. Department of Sanskrit

I. Organised **lecture** by:

- i. Prof. Murlidhar Paliwal (Faculty of Ayurveda, Institute of Medical Sciences, Banaras Hindu University, Varanasi) on the topic “Concept of health and disease in Ayurveda” One Day Seminar on April 9, 2021.

II. Organised:

- i. **Virtual Alumni Meet** on April 22, 2021.

18. Department of Zoology

I. Organised:

- i. A six-week Online Summer Training Program entitled “COVID-19: Epidemiology & Impacts” was held at National level from June 15- July 26, 2020 under the aegis of

DBT sponsored Star College scheme. The topic was chosen to impart knowledge about the grave pandemic that has enveloped the globe in an unprecedented situation today. In-depth comprehensive teaching modules about various aspects of COVID-19 were taught with hands-on various activities.

- ii. One Week “**Inter College Laboratory Skill Training Programme for Assistants/ Attendants In The Chemical And Life Science Laboratories**” was held from February 8-15, 2021 under the aegis of DBT sponsored Star College scheme. Twenty laboratory staff from various Delhi University Colleges participated and were trained by giving hands-on in various sessions to enhance their technical skills.
- iii. A five-day “**Workshop for School Teachers in Biological and Chemical Sciences**” was organised by the Department of Biochemistry, Botany, Chemistry and Zoology of Shivaji College under the aegis of DBT sponsored Star College Scheme from March 22-26, 2021. Twenty school teachers from different branches of Rashtriya Pratibha Vikas Vidyalaya (RPVV) benefitted from this workshop.
- iv. Zoological society Oyster organised **Annual Fest Zoo Carnival** on online mode on March 26, 2021 which included following events:
 - i. **Zoolywood - Online quiz competition**
 - ii. **Masquerade - Online face painting competition**
 - iii. **Raise Your Voice - Online poster competition**
 - iv. **Life Through Lenses - Online photography competition**
- v. Orientation Programme for the first year students on November 18, 2020 on Zoom.
- vi. The department of Zoology, Shivaji College, University of Delhi organised its **Alumni Meet cum Guidance Programme** on 25th April 2021 on virtual platform Google Meet.
- vii. Farewell Programme for the final year students (Batch 2018-21) on 27th April, 2021 on Microsoft Teams.
- viii. One **Virtual CSIR Lab Visit** to CSIR-CBRI, NCL, NPL, NIO, IMTECH, IITR, IICT on April 21, 2021.
- ix. **Virtual Industry visits to:**
 - **Central Sericultural Research and Training Institute(CSRTI)**
 - **Smithsonian & San Diago Zoo**
 - **Smithsonian Natural History Museum**
 - **National Bee Board**
 - **Monterey Bay Aquarium**
 - **Aquarium of the Pacific through out the academic year.**

II. Organised lectures by:

- i. Dr. Pooja Tanwer, Research Associate, I.I.T. Delhi and DAAD Fellow at a **Webinar**

- on “Online Guidance Program Regarding Entrance Examinations for Higher Studies & Scholarships in Biological Sciences” for undergraduate students on June 16, 2020 under the aegis of IQAC.
- ii. Professor Rup Lal, FNA, FNASc, FNAAS, FAMI, NASI Senior Scientist, Platinum Jubilee Fellow, The Energy and Resources Institute (TERI) at a **Webinar** organised by the Department of Zoology on July 9, 2020 on Zoom Platform titled “Epidemiology, Detection, Treatment and Comparative Genomics of SARSCoV-2 and Managing Personal and Professional Life During COVID-19 Pandemic and Lockdown” under the aegis of DBT sponsored Star College Scheme.
 - iii. Dr. Kumar Karitkey Yadav (Examiner of Patents & Designs Patent Office, Delhi) at a **Webinar** organised by the Department of Zoology on July 11, 2020 on Zoom Platform titled “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing” under the aegis of DBT sponsored Star College Scheme.
 - iv. Dr. Ishtiyak Ahmed (Education officer, CEC-BNHS) at a **Webinar** on “Butterflies: The Winged Jewels”, on September 10, 2020 in collaboration with Bombay Natural History Society & Conservation Education Centre Delhi as a sensitisation program for students under Big Butterfly Month India 2020, as part of an annual affair with the explicit purpose of highlighting the status of butterflies in our capital.
 - v. Dr. Devjani De, Head, Microbiology, Dr. Dang’s Lab at a **Webinar** on “Combating the millennium pandemic: Diagnostics & Infection prevention” was held on September 18, 2020 under the aegis of IQAC
 - vi. Dr. (Prof.) Deep Dutta, D.M. Endocrinology FRCP, FACE at a **Webinar** on “Plastics & Endocrine Disruption: A 21st Century Update” on September 24, 2020 under the aegis of DBT Star College Scheme as these are some environmental and health-related issues which require our urgent attention.
 - vii. Dr. Anupma Harshal W. (CONSULTANT, Science Communication and Public engagement) MANAV- The Human Atlas Initiative, IISER, Pune at **Webinar** on “How to Read Scientific Literature & Introduction to MANAV- The Human Atlas Initiative” under the aegis of DBT Star College Scheme on February 24, 2021.

ADD-ON/CERTIFICATE COURSES

Recognising the importance of extra skill set and knowledge in the present learning environment and future prospects, the following add-on courses are conducted in Shivaji College in 2020-21:

- i. Certificate Course in **German** under University of Delhi
- ii. Certificate Course in **French** under University of Delhi Add on course on “**Awareness on Legal Prospects**” in collaboration with Delhi State Legal Services Authority & West District Legal Services Authority.
- iii. Add on course on **Python** in collaboration with Spoken Tutorials, IIT Bombay
- iv. Add on course on R in collaboration with Spoken Tutorials, IIT Bombay

EXTRA-CURRICULAR ACTIVITIES

The various committees/societies of Shivaji College organised the following activities and events in 2020-2021

1. Finance and Investment Cell, Shivaji College, organised a webinar titled “Technical Analysis” on July 1, 2020.
2. A Webinar was conducted on the Importance of “Soft Skills in Post Covid Era” by Enactus Shivaji in collaboration with the NSS unit of Shivaji College on July 6, 2020. The event was led by Mr. Mukul Goel, the founder of Make Me Builder.
3. College Research Cell (CRC) organised National Webinar-I titled “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” on July 11, 2020.
4. Placement Cell Shivaji College organised a Session on “Art of Influencing through communication” on July 13, 2020
5. Placement Cell Shivaji College organised a Webinar on “Introduction to Blockchain Money and Beyond” on August 14, 2020.
6. E-learning Cell under the aegis of IQAC organised one-week online Faculty Development Programme on “ICT Enhanced Teaching Learning and Creating MOOC’s” from August 18 to 25, 2020, in collaboration with Teaching Learning Centre & Research Development and Services Cell, Ramanujan College, University of Delhi.
7. The Garden Committee of Shivaji College, during the Pandemic of Corona Virus continued to celebrate Van Mahotsav (Plantation Day) on the occasion of Teacher’s Day on September 5, 2020. The saplings planted in the main lawn of Shivaji College were of flowering plant China rose. Shivaji College Principal, Chairman Mr. Ajay Bhatia, other GB members, faculty members and non-teaching staff participated in the plantation day held in the main garden.
8. A Webinar was organised under the aegis of Internal Quality Assurance Cell (IQAC) of Shivaji College entitled “Career Advancement Scheme: Promotions _CAS_2010_2018” on September 12, 2020. Dr. Vikas Gupta, Joint Secretary, University Grants Commission, was the invited speaker at the event
9. E-learning Cell organised MS Teams training sessions for second and third-year students from September 28 –October 9, 2020.
10. Placement Cell Shivaji College organised a Workshop on “Job vs Further Studies” on September 29, 2020.
11. Finance and Investment Cell Shivaji College organised a Webinar on “Crafting Your Career”, October 10, 2020
12. Inaugural Lecture for the Diamond Jubilee was held on October 30, 2020, where the honourable Chief Guest Prof. M. Jagadesh Kumar, Vice-Chancellor, Jawaharlal Nehru

University, delivered a talk on 'Self Reliant India' followed an address from the Guest of Honour Prof. P.C. Joshi, Acting Vice-Chancellor, University of Delhi. An integral part of the event was the launch of SPACE i.e. Shivaji Platform for Academic Connect and Empowerment, the college's very own digital platform, a state-of-the-art ERP system to keep pace with the digital mode of imparting education which especially took a prime spot during the pandemic.

13. Placement Cell, Shivaji College organised a Webinar on "Let Your Resume Speak" on October 31, 2020.
14. Placement Cell, Shivaji College organised a Webinar on "Group Discussion, Excel the Round Table" on November 1, 2020.
15. Placement Cell, Shivaji College organised a Webinar on "Personal Interview, Communicate with Clarity" on November 2, 2020.
16. Alumni Relations Cell organised an International Webinar on "Social Inclusion Making Development Sustainable" on November 6, 2020. Dr. Nishith Prakash, Associate Professor, University of Connecticut, Storrs, U.S.A. and Dr. Aparajita Dasgupta, Assistant Professor, Ashoka University were the speakers for the event.
17. SPADE, Society for Practical Applications and Development of Economics, the socio-economic society of Shivaji College, conducted a Webinar on "Cyber Crime and Preventive Measures". The Webinar was conducted by an industry specialist, Founder & Director of New Era Systems, Ms. Priyanka Tomar on November 10 2020 and observed the participation of over 75 people.
18. Finance and Investment Cell organised Orientation Programme of society for students on November 21, 2020
19. E-learning Cell organised MS Teams training sessions for 1st-year students admitted in November 2020, from November 23-25, 2020, to equip the students with the necessary skills to adapt to virtual classrooms.
20. On November 28, 2020, an orientation program was organised for the first-year students with the eminent speaker Mr. Terry Torok, the Chief Innovative Officer of Enactus, from the USA
21. Diamond Jubilee Committee organised a Webinar on November 30, 2020 wherein a talk entitled 'Good Quality Early Education is the First Step Towards Transforming India' was given by Prof. Rakesh Bhatnagar, Vice-Chancellor of Banaras Hindu University.
22. EDC organised an Orientation Day Programme on December 5, 2020 and invited eminent and young entrepreneur, Mr. Ashutosh Kashyap, to motivate the students for innovative outcomes. More than 300 students from various disciplines participated in the programme.
23. The Centre for Promotion of Inclusivity (CFPI) was constituted in January 2021 to provide a platform for deliberating on social issues and identities that subject people to various forms of inequities. CFPI organised its first event Online Orientation Program on January

15. 119 participants attended the event. Dr. Nidhi S. Sabharwal, Associate Professor and the In-Charge at the Centre for Policy Research in Higher Education (CPRHE), National Institute of Educational Planning and Administration (NIEPA), New Delhi delivered talk on "Student Diversity, Equity and Inclusion in Higher Education in India."
24. Placement Cell, Shivaji College organised a Webinar on How to Build a powerful LinkedIn Profile? on January 24, 2021
25. Dictum -The Debating Society successfully organised the 6th Edition of its Annual Shivaji Bhonsle Hindi Parliamentary Debate from January 29- 31, 2021 in an online mode. The Hindi Parliamentary Debate was a three-day-long event wherein 24 teams from various institutions competed for the running trophy. The tournament saw five league one-on-one matches, and the top 8 teams on the tally entered the knockout part of the tournament, where they played for the quarter-finals. That was followed by the semi-final and grand finale. The winning trophy went into the hands of Hansraj College.
26. Dictum, The Debating Society of Shivaji College organised its Annual Debating Event- Shivaji Bhonsle, English Conventional Debate on January 29, 2021 on Zoom. It hosted 20 teams across several universities and Colleges. The Motion of the debate was "This house believes that the role of parliamentary committees should be revitalised so as to avoid deadlocks like Farmer's protests and NRC protests". The winning team was from Hansraj College.
27. College Research Cell organised One day National Level workshop on "Various aspects of research funding, academic writing and publication ethics" on January 30, 2021.
28. EDC Shivaji College organised a Webinar on Theme- Zero to One on January 31, 2021. The two successful entrepreneurs Mr. Ishan Arora and Mr. Murrad from Fin-Ladder start up delivered thought provoking lectures and shared their success stories with the students. More than 350 students participated the programme.
29. Cinedrome '20- The annual festival of Shutterbugs was successfully conducted, consisting of four online competitions. Syaahi – The online scriptwriting competition, Luminum – The online photography competition, Pelicula – The online videography competition, and Takheelnama – The online photography exhibition cum competition. A live session was also held on Shutterbugs' Instagram page with Chief Guest Ashish Shulk (@shulk) at 11 am, February 3 2021.
30. World Cancer Day was celebrated by Centre for Promotion of Inclusivity (CFPI) by releasing a video featuring our students and informing what measures to be taken to make the world free of cancer. Discrimination on the basis of chronic ailment was the main point of focus taken up by the Centre on this very specific day.
31. Live Interaction session on Instagram was organised by Alumni Relations Cell on February 4, 2021.
32. Vibgyor, The Fine Arts Society organised series of events on 6-7 February 2021. The Galaxy Mandala Workshop was held on February 6 2021, at 1 pm in an online mode.

Famous Mandala artist Mr. Mayank Agarwal conducted this workshop. The purpose of this workshop was to spread knowledge about the mandala art among students. Superverse an art exhibition was held for the members of Vibgyor Society exclusively. The exhibition featured the art of all media based on the theme of Super Heroes and Villains from the great universes of Marvel and DC. Various competitive events were organised like Sketch-doo-paint (sketching, painting, doodling competition, Spectrum (inter-College exhibition), Card-o-□□□ (story telling through art)

33. Placement Cell organised a Workshop On Riddle Out Guesstimates on February 21, 2021
34. The Annual Finance Fest- FINANZEN was organised by Finance and Investment Cell on February 22, 2021
35. Diamond Jubilee committee organised a Webinar entitled “Education, Research and Innovation in the 21st Century: The Changing Role of Academic Institutions” by Dr. V. Ramgopal Rao, Director, Indian Institute of Technology, New Delhi on February 25, 2021.
36. SPADE, the socio-economic society of Shivaji College, organised its much-awaited annual fest – Annual Consortium for Excellence, ACE of SPADE on February 26, 2021, overwhelmed with enthusiasm. Due to the ongoing COVID-19 pandemic, the event was conducted in online mode for the first time.
37. Live Interaction session on Instagram was organised by Alumni Relations Cell on February 27, 2021.
38. Zero Discrimination Day (Twin Year Celebrations) was celebrated by Centre for Promotion of Inclusivity (CFPI) on March 1, 2021 by initiating an Online Campaign on social media where students were encouraged to stand for Zero Discrimination by ‘Ending Inequalities’ (Theme for year 2021). A poetry enactment video on ‘Zero Discrimination against Women’ (Theme for year 2020), was released on the centre’s social media and a new theme was launched for the social media on the same day.
39. An Instagram live was conducted by Centre for Promotion of Inclusivity (CFPI) on March 8 2021, International Women’s Day. Presidents of Women’s Development Cell of Shivaji College and Deen Dayal Upadhyaya College were invited to have a candid conversation with them, for sharing their experiences etc.
40. Alumni Relations Cell organised a Webinar on “Identifying and Inhibiting Online Embezzlement” on March 17, 2021. Vipin Vijay Nair, Lecturer, O.P. Jindal Global University, M.Sc. Criminology, LNJN, GGSIPU was the speaker for the event.
41. Annual Internship Fair, Crescita'21 inauguration organised by Placement Cell on March 31, 2021. Various placement drives were conducted from April 1- 5, 2021.
42. EDC conducted E-Summit Annual Programme on April 08, 2021. The gala event where seven eminent speakers with credentials of national fame motivated the students and shared their success stories and related stumbling blocks. The event involved Panel Discussion, Special Invited lectures, Round tables, B-Plan (Business Plan) and Quiz programmes. More than 500 students participated in the event from different Colleges

- and universities. The events of student's presentations were given prizes with the reward money.
43. Disha- The Civil Service Society started Weekly Quiz on April 11 and till date, have organised 10 such Quizzes to allow members to test their preparation level. Quizzes are conducted every Sunday using an online platform and members are given 15 minutes to attempt 20 questions.
 44. Vibrations - The Cultural Fest of Shivaji College, University of Delhi, was held from April 14-16, 2021 in an online mode. The Inaugural Ceremony held on April 14 at 10 am was streamed live on the Official YouTube channel of Shivaji College. Inauguration was graced with the presence of our renowned alumni Mr. Rehan Hooda, chief sub-editor, India Times Group, Mr. Ashtam Neelkanth, Director, The Eighth Dimension Personality thinking and Mr. Rajesh Kumar Jha, founder Maithili Akaanksha Manch. They shared with the audience their life journey and success stories.
 45. Vibgyor- The fine arts society organised ARTISTICO'21 during Vibrations. It included two competitions viz. 'Evilliputian'- A Miniature Painting Competition and 'Artआणक़र- A Typography Art Competition. It also organised a Sketching Workshop. The winners were from SGGSCC, SPM, Kamla Nehru, SGTB Khalsa and Zakir Husain College.
 46. Dictum, The Debating Society successfully conducted Athena'21, the Turncoat Debate on April 14, 2021. The debate was bilingual, with both the English and Hindi debating societies organising it on online platforms. Winning teams were from Jamia Millia Islamia SRCC, Motilal Nehru College, KMC and Ramjas College.
 47. Swaranjali, Annual festival of Reverb- the Music Society, was held on April 14 2021. Two online competitions were organised- solo singing and solo instrumental. The chief guest and judge for the event was Mr. Rohit Chawla, famous percussionist. Some of the best performances were from Hindu College, Maharaja Surajmal Institute and Ramjas College.
 48. An Online Sketching Workshop was conducted by Vibgyor- The fine arts society on April 15 2021 from 2:00 pm onwards. Well-known artists, Mr. Satendra Kumar and Ms. Nibedita Roy were invited to conduct the workshop and enlighten the students.
 49. On April 16, 2021, The Literary Society of Shivaji College along with the Cultural Committee organised an Open Mic event, via Zoom, from 11 am onwards. The event was organised in collaboration with the Secular House. The event saw active participation from across the nation. Students from different DU Colleges came forward with their poems and songs. Mr. Nishant Jain, IAS, Director, Tourism Department, Government of Rajasthan, graced the event as a Chief Guest.
 50. Bizarre- The fashion society of Shivaji College successfully held Panache'21 -Online solo fashion show on April 16, 2021. The winners of fashion show were from Kamla Nehru College, Keshav Mahavidhyalaya and SGGSCC.
 51. Footloose, the dance society organised its online competition during Vibrations which saw

- enthusiastic participants from across colleges. Prize winners were from Shri Aurbindo College and Kalindi College.
52. Shutterbugs-The Photography society organised two online competitions during Vibrations'21- Syaahi- The online script writing and Luminum- online photography. Winners were from Miranda House, ARSD, Dayal Singh and PGDAV College.
 53. Group Discussions were organised by Disha The Civil Service Society from April 17 2021 among its members with the goal in mind to improve oratory skills of members.
 54. 'SWIKRITI' - The Annual Diversity Fest, was organised by the Centre for Promotion of Inclusivity, Shivaji College on April 22, 2021, which included several online competitions, namely, Tasavvur - The Photography Competition; Mukhtalif - Poster-Making Competition; and Anam-čara - Online Writing Expression Competition. An online workshop on 'Gender, Sexuality and Unconscious Bias' was conducted by Ms. Malavika Goyal, Workshop Facilitator, Centre for Studies in Gender and Sexuality, Ashoka University. In addition, an online interaction session with renowned wellness counsellor Mr. Deepak Kashyap was also held. A short film produced by the members of CFPI, ABHINAT was also screened at the event. The film highlighted our 'normativity' of heterosexuality. The CFPI has also designed its own website and launched the same at the event.
 55. Abhivyakti is the annual fest of Literary society, which brings an array of events to bolster the creative literary talents of students across diverse colleges was held on April 24 2021 in a virtual mode. It hosted Guftugu, a book discussion with two acclaimed authors Dr. Devapriya Roy (and Dr. Virender Bhardwaj. Students creative writing competition -Spill the Syaahi conducted.
 56. On May 28, 2021, Menstrual Hygiene Day was celebrated with an awareness campaign on Instagram. The campaign included First Period story - Boy's Edition, Degendering Menstruation, Campaign on #MahavariInMahamari.
 57. Inaugural of Disha, The Civil Service Society held on June 12, 2021 in online mode. Prempal Sharma, Chief Guest, who joined Railway services through UPSC in 1981. Guest of Honour, Dr. Surender Singh Ghonkrokta (Retired IAS officer)
 58. Disha The Civil Service Society released first Daily News Analysis episode on June 17 and it has received good response from viewers. YouTube Channel of Disha have 520 Subscriber and growing stronger day by day.
 59. Disha, the Civil Services Society of Shivaji College celebrated International Day of Yoga on June 21, 2021. The chief guest of the event was Raj Kumar Bhurani, who has learnt yoga under the tutorship of Baba Ramdev.
 60. Disha The Civil Service Society, under their YouTube Team, launched first Podcast "Vishleshan". It is a weekly Hindi podcast released every Monday and takes a deep dive in a contemporary issue. The first episode of the podcast is live on Spotify, Apple Podcast and Google Podcast from June 21.

61. Interactive sessions conducted on June 23, 2021, an Interaction Session was organised by DISHA- The Civil Services Society with the College professors, Dr. Darshan Pandey (Society Convener), Hemant Lamba (A.O.) and Dr. Bharat Ratnu (Assistant Professor, Geography) on May 23, 2021 on MS Teams platform at 6pm.
62. Disha The Civil Service Society organised a Webinar on the topic “How to prepare for UPSC CSE during graduation” on June 28, 2021. The speaker for the event is IFS Aishwarya Raj (AIR 28 2017 Batch) who guided students for the civil service examination.

OUTREACH ACTIVITIES

1. NCC organised several outreach programmes: “Environmental Awareness Campaign” in June, 2021, Vaccine Awareness Campaign in April, 2021 “Swachh Bharat Abhiyaan” in December, 2020, ‘Polio Awareness campaign’ in December 2020 and ‘Blood Donation camp’ in November 2020.
2. NSS Shivaji College organised a webinar series “KALANJALI: Reviving art and Indian Culture” from July 3, 2020– August 19, 2020. This series consisted of cultural performances and art workshops by renowned artists.
3. NSS Shivaji College organised a webinar series titled “Nav Vimarsh Ikkeesvi Sadi” from April 22, 2020- May 15, 2020. This series included webinars about the new challenges in the 21st century, including awareness about LGBTQ rights, sensitisation for the transgender, etc.
4. On July 21, 2020, Enactus Shivaji organised Instagram Live Session with Ms. Jharna Singhal, a law student and menstrual educator. She addressed the myths associated with using cloth pads and shared her experience on the same.
5. Women’s Development Cell (WDC), Shivaji College organised a webinar on “Stress Management in the times of Covid-19 Pandemic: Interaction with Dr. Rajesh Nagpal” (Director, Behavioural and Neurosciences Academy of India) on July 22, 2021.
6. NSS Shivaji College organised a Webinar on New Education Policy on August 10, 2020.
7. Eco-Club organised an “Inter College Online Debate Competition” on August 20, 2020 on Zoom platform. The competition topic was “Constitutional Provisions: Citizens’ Rights v/s Citizens’ Duties for Clean Green Environment.”
8. NSS Shivaji College organised a Webinar on “Failure is Not the End of Life” on August 20, 2020
9. NSS Shivaji College organised a Webinar series titled “Aarogya: The Essence of Healthy India” from September 4, 2020- October 10, 2020.
10. On September 16, 2020, Eco Club also organised an “Online Poster Making Competition” to celebrate World Ozone Day on the theme “Ozone for Life: 35 years of Ozone Layer Protection.”
11. From September 21 – October 7, 2020, to contribute to the United Nations Sustainable Goals Movement, Enactus Shivaji had a sustainable September where they acknowledged all the sustainable development goals on various social media handles of the society.
12. NSS Shivaji College organised a Webinar on Divyangta, our Samajik Dayitva, on September 23, 2020.
13. NSS Shivaji College organised a Webinar on New Education Policy on September 24, 2020.
14. From September 28, 2020, to October 4, 2020, to celebrate “Swachhata Week” various Activities and Competitions were organised by Eco Club, Shivaji College like

Best Out Of Waste, Poster Making were held to impart the importance of cleanliness in an attempt to create a Zero Waste Zone.

15. From October 2 -8, 2020, to celebrate wildlife week, various Art Competitions such as Poster/ Doodle/ Cartoon Art were organised by Eco Club on the theme i.e. sustaining all forms of life on earth.
16. On October 17, 2020, a Webinar was organised by Enactus Shivaji regarding the Awareness of Breast Cancer. The guest speaker for the event was Dr. Neeti Leekha Chhabra (Founder and President of 'Yes to Life' NGO)
17. Women's Development Cell, Shivaji College organised a Workshop on "Responding to Domestic violence" in association with Global Shapers Community on November 07, 2020.
18. Women's Development Cell, Shivaji College organised a Webinar on "Let's Talk, Period! " on November 12, 2020
19. On November 21, 2020, online training session was organised by Enactus Shivaji on "How to make pads at home." More than 20 women participated in this session.
20. WDC Orientation Programme: #BECOME A CHANGEMAKER for the Freshers for (Academic Session 2020-21 was held on January 04, 2021.
21. WDC organised a Webinar on Issues of Mental Health & Strengthening the Mind and Empowering the Woman sponsored by National Commission for Women (NCW) on January 15, 2021.
22. Eco- Club organised an Orientation programme for first semester students on January 16, 2021.
23. NSS Shivaji College organised a Webinar entitled "Don't Limit Yourself" on January 16, 2021
24. Women's Development Cell organised a webinar on "Women's Health and Awareness" in collaboration with Youth for Seva on February 4-5, 2021.
25. NSS Shivaji College organised a Webinar on "Women Warriors in Defense Forces" on February 13, 2021
26. Women's Development Cell organised a Webinar on 'Be your own Lakshmi' on Financial wellness in collaboration with Be artsy on February 27, 2021.
27. On March 11, 2021 mentorship session was conducted by Enactus Shivaji under the guidance of Mr. Aditya Arora, CEO, FAAD Network
28. NSS Shivaji College organised a Webinar on "Emotional Wellbeing" on March 16 2021
29. On March 25, 2021 mentorship session was conducted by Enactus Shivaji under the guidance of Mr. Bidyut Chakraborty, Director, Mining and Metals Advisory at KPMG India.

30. Annual Festival of Eco Club, e-PEEPAL 2021 was organised from April 12-22, 2021. Following three Online student's activities: (i) Video Making Competition (ii) Eco Art Competition (iii) e-Environmental Quiz; and Virtual visit to Yamuna Biodiversity Park were organised.
31. A One Day Online inter - College event was organised by Equal Opportunity Cell on April 24, 2021 on Teams App. More than hundred students participated in two different competitions. (Singing Competition and Debate Competition).
32. Enactus Shivaji organised AVENSIS 2021, National Business- Plan competition on April 30, 2021 where 95 registrations from all over India were received. The first competition for Existing Projects was judged by Mr. Ashutosh Kashap Founder WhiteWhale and Mr. Shailendra Singh Founder CEO Sustain Mantra, and the second competition for New Projects was judged by Mr. Saurabh Nanda Director, SN Mentoring and Mr. Iesh Pratap Singh, Founder & CEO of Winning Edge.
33. NSS organised several Webinars to create awareness among the youth: Webinar on 'Women Warriors in Defence Forces' held on February 13, 2021, "Cervical Cancer" held on February 4, 2021, 'Mitigating the Impacts of COVID-19 on Menstrual Health and Hygiene' on November 20, 2020, Cancer Awareness held on September 22, 2020, "Knowing Mental Illness and Fighting Stigma" on September 4, 2020
34. WDC held an outreach program on International Women's Day Celebration 2021 in collaboration with "Youth for Seva" NGO in Khyala, Subhash Nagar for the local community on March 9, 2021.
35. WDC also held several Webinars: "Women Health and Awareness" in collaboration with Youth for Seva on February 4-5, 2021, "Issues of Mental Health & Strengthening the Mind and Empowering the Woman" sponsored by National Commission for Women (NCW) on January 15, 2021.
36. Several mentoring sessions were held under the DBT Star College Scheme for the following institutes to help them apply for DBT Star Scheme:
 - I. Government J.D.B. Girls College, Kota, Rajasthan
 - II. Jawaharlal Nehru College, Pasighat, East Siang District, Arunachal Pradesh
 - III. Government P.G. College, Ambala Cantt

TEACHERS ACCOMPLISHMENTS

1. Dr. Kumari Priyanka

- i. International Innovative Women Scientist Award 2021 in Mathematical Sciences by Centre for Professional Advancement, West Midlands, United Kingdom lionised on the eve of International Women's Day 2021.

2. Dr. Ruchira Dhingra

- i. Rashtriya Gaurav Samman in the field of Education & Social Work, by Rajneeti ki Pathshala social platform on November 25, 2020.
- ii. Dr. S. Radhakrishnan memorial award 2020 in the field of Education & Social Work, by Rajneeti ki Pathshala on September 5, 2020.
- iii. National Level Dr. B. R. Ambedkar Peace Award by Shakiran Samriddhi foundation in December, 2020.

3. Dr. Vikas Sharma

- i. Sri Gaganram Smriti Sahitya Samman on his book *Bhumandalikaran ke daur me hindi ki vividh bhunikayein* in September, 2020.

4. Dr. Darshan Pandey

- i. Red Diamond Achievers' Award 2020 for contribution in the field of Literature, Education and Research from NRB Foundation and Bhavya International, Rajasthan.

5. Dr. Amarjiva Lochan

- i. Elected as the Vice President of The International Association for the History of Religions (IAHR), and was elected as a member of The International Council for Philosophy and Humanistic Studies (CIPSH) under UNESCO.

6. Dr. Shilpi Verma

- i. Outstanding Scientist Award in the 7th International Scientist Awards on Engineering, Science and Medicine held on July 4-5, 2020 in Coimbatore, India, organised by VDGOOD professional association.

RESEARCH PROJECTS UNDERTAKEN 2020-21

List of Interdisciplinary Projects

1. Department of Biochemistry

- i. “To assess cardiorespiratory functions & its correlation with Quetlet’s Index and other relevant health parameters”, sponsored by DBT, Govt. of India (May 2019-May 2022). This project is jointly supervised by Dr. Darshan Malik and Dr. Jayita Thakur.
- ii. “Generation of Green Energy using a Microbial Fuel Cell”, sponsored by DBT, Govt. of India (May 2019-May 2022). This project is jointly supervised by Dr. Darshan Malik and Dr. Jayita Thakur.
- iii. “Study of variation in hematological parameter/s among youth and their correlation with diseases” under DBT-Star College Scheme, Shivaji College, University of Delhi under the supervision of Dr. Renu Baweja since May 2019.

2. Department of Botany

- i. Minor Research Project: Intramural Research Scheme of Research Cell Shivaji College- “Yield Estimation of Baby Corn (*Zea Mays* L.) using Mathematical Modelling” (Sanctioned in February, 2021) under the supervision of Dr. Kiran Bamel.
- ii. “Relevance of Literature Review as a Research Methodology”, sponsored by DBT, Govt. of India under Star College Scheme, Shivaji College, University of Delhi. This project is jointly supervised by Dr. Kiran Bamel and Dr. Prabhavathi.
- iii. Project titled “Immunity Boosting Health Promotion Measures Using Alternative System of Medicine for Covid-19”, sponsored by DBT, Govt. of India under Star College Scheme, Shivaji College, University of Delhi. This project is jointly supervised by Dr. Prabhavathi and Dr. Kiran Bamel.

3. Department of Chemistry

- i. “To analyse the soil samples for the humidity content and amount of Ca/Mg present in the soil samples”, sponsored by DBT, Govt. of India (May 2019-May 2022). This project is jointly supervised by Dr. P. K. Sahu, Dr. Shilpa Jain and Dr. Avneet Singh.
- ii. “Effect of soil pH on germination of seeds and plant growth”, sponsored by DBT, Govt. of India (May 2019-May 2022). This project is jointly supervised by Dr. N. G. Giri, Dr. Richa Arora and Dr. Ashwani Sharma.

4. Department of Mathematics

- i. Science and Engineering Research Board (SERB) sponsored Major Research Project under Mathematical Research Impact Centric Support (MATRICS) scheme entitled “Development of Tuned Estimation Methodologies for Modelling Non Sampling Errors in Survey Sampling”; Reference No. [MTR/2019/000329]. This Project is under the supervision of Dr. Kumari Priyanka.

- ii. College Research Cell, Shivaji College (University of Delhi), Delhi sponsored Minor Research Project “Yield Estimation of Baby Corn (*Zea Mays L.*) using Mathematical Modelling”; Reference No. [MRP/2020/0001]. This project is under the supervision of Dr. Neetu Rani.

5. Department of Zoology

- i. “Synthesis and characterization of multifunctional ZnO nanoparticles for biomedical, piezoelectric and ferroelectric applications”, under the supervision of Dr. Deepika Yadav.
- ii. Minor research project MRP/2021/0008 entitled “Genomic, structural and mutational analysis of SARS-CoV-2 using in silico approach”, sanctioned by Research Cell, Shivaji College, University of Delhi under the supervision of Ms. Nimita Kant.
- iii. Annual Interdisciplinary Project title “Developing quantitative approach to biological understanding” under the DBT-Star College Scheme (Year: 2020-2021), under the supervision of Ms. Nimita Kant.
- iv. Annual Interdisciplinary Project entitled, “Analysing Awareness About COVID-19: An Online Cross-Sectional Knowledge, Attitude And Practice (KAP) Study In Delhi under DBT-Star College Scheme, Shivaji College, University of Delhi.
- v. Interdisciplinary Project entitled, “Study on Impact of artificial feeding (provisioning) in behavioral changes on Rhesus macaque in Delhi region” under DBT-Star College Scheme, Shivaji College, University of Delhi.

STUDENTS' ACHIEVEMENTS

Shivaji College provides multi-faceted platforms to students so that they can develop their skills in all spheres of life. This includes not just academics but extracurricular activities, sports, and community outreach programmes. Seminars and conferences are organised throughout the year by all departments to provide interaction with eminent guests and speakers from various disciplinary backgrounds. Every year, our students make us proud by their performances par excellence in academics, their energetic participation in music, art and theatre, their hard work in various prestigious internships, and their brilliance in sports.

Details of students' achievements are given below:

S No.	Name	Department	Achievements
1	Manchit Bhadana	Business Economics	<ul style="list-style-type: none"> 1st position in Kho kho and Cricket, in Roisters annual sports event of BBE department, DU organised by Aryabhata College.
2	Gautam Gupta	Business Economics	<ul style="list-style-type: none"> The Money Roller (Internship) Bajaj Capital (Internship)
3	Mayank	Business Economics	<ul style="list-style-type: none"> Internship in a media agency name DU Assassin as Graphic Designer. Internship at Blissful Prosperity Solution as a Graphic Designer
4	Muskan Puri	Business Economics	<ul style="list-style-type: none"> Cleared Round 1 of Young Leaders' Program, Indian School of Business, Hyderabad. Published essay on Monomousumi Magazine under Outstanding Category. Completed certificate course on Financial Markets affiliated by the Yale University. Completed certificate course on Big Data Analysis affiliated by University of Colorado. Internship of 2 months with Seva Charitable Trust as an HR. Engaged with NGOs like Zomato Feed India, Robin Hood Academy for social benefit. Achieved 9.57 GPA in third semester.
5	Harsh Goyal	Business Economics	<ul style="list-style-type: none"> The second Position in the marketing event- 'GOBLET OF RIVALRY' organised by COMSOC, SBSC The third Position in the IPL Auction 'Howzatt' organised by COMSOC, SBSC.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Content writing and Graphic Designing intern at E-debate.in The third position in the 'Raffle Roar' event organised by FIC Shivaji.
6	Aditya Mishra	Business Economics	<ul style="list-style-type: none"> 9 internships in sales and marketing domain
			<ul style="list-style-type: none"> Scored O in all papers of 3rd semester
			<ul style="list-style-type: none"> Volunteered for 3 NGOs for causes like Covid-19, HIV, free education, neutropenia awareness
			<ul style="list-style-type: none"> Done 6 certifications related to sales and marketing domain
7	Surya Mani	Business Economics	<ul style="list-style-type: none"> Done Three Internships, all of them as A Human Resource Intern
			<ul style="list-style-type: none"> One with Hariyali Foundation, Then with Arbitrium, Last with Peacock Solar.
			<ul style="list-style-type: none"> Done 8 specialization from Coursera to secure a good career in future.
			<ul style="list-style-type: none"> I secure second position in Business Excel Competition organised by Maitreyi College.
8	Deepali	Business Economics	<ul style="list-style-type: none"> Secured 2nd position in Tug of War held by Aryabhata College in 2019.
			<ul style="list-style-type: none"> Secured 1st position in newspaper dress designing competition held by SPM College in 2020
9	Ishank ajimal	Business Economics	<ul style="list-style-type: none"> Digital marketing expertise
			<ul style="list-style-type: none"> Paid internship as long as i want (with increasing stipend as per the performance)
			<ul style="list-style-type: none"> Facebook ads mastered
			<ul style="list-style-type: none"> google certificate for digital marketing
10	Muskan Rawat	Business Economics	<ul style="list-style-type: none"> Interned with a company named Brandshark as a digital marketing intern
11	Balram Singh	Business Economics	<ul style="list-style-type: none"> Mens champion trophy of Kho-Kho (Rositers 2021).
			<ul style="list-style-type: none"> Certificate of participation in Webinar organised by BBE department INDIA 2030: THE ROAD AHEAD.
12	Rohan Chahal	Business Economics	<ul style="list-style-type: none"> 2nd position in Roisters 2020 basketball
13	Ishan Mittal	Business Economics	<ul style="list-style-type: none"> Surviving covid

S No.	Name	Department	Achievements
14	Degain	Business Economics	<ul style="list-style-type: none"> • Internships • Inception Wave, Marketing and Research (June 10 - August 9, 2020) • Digigrowhub, Campus Ambassador (with lor) (March 8 - May 8, 2021) • Certificate courses • Excel skills beginners • Graphic Design Specialization • UI/UX Design Specialization • Technical Support Fundamentals • Webinar • India 2030: The road ahead Redefining Marketing
15	Vidhi	Business Economics	<ul style="list-style-type: none"> • General Secretary, FIC
			<ul style="list-style-type: none"> • TEDx Curator
			<ul style="list-style-type: none"> • Worked on project to provide occupation to PwD's, for example, provided a job to a deaf person as a chef in a cafe run by blind and deaf people.
			<ul style="list-style-type: none"> • Worked on the project to help small farmers in Uttarakhand by making Value chain flyers for them and providing Backward and Market Linkage.
			<ul style="list-style-type: none"> • Provided education to underprivileged children in NGO's and orphanages.
			<ul style="list-style-type: none"> • Worked as a Research Analyst in Ezyschooling company.
			<ul style="list-style-type: none"> • Worked as a business researcher in Gravity 16Infra solutions.
			<ul style="list-style-type: none"> • Worked as an Engagement and Analytics Intern with Metvy.
			<ul style="list-style-type: none"> • Worked as a program researcher with Shining Tomorrow Foundation.
16	Arsh Girdhar	Business Economics	<ul style="list-style-type: none"> • Equity research intern at growth arrow company (currently going on)
			<ul style="list-style-type: none"> • Participated in mock stock competition in Sri Aurobindo College and bagged 2nd position
			<ul style="list-style-type: none"> • Various technical analysis related courses on Udemy
			<ul style="list-style-type: none"> • Won zerodha 60 -day challenge twice

S No.	Name	Department	Achievements
17	Ritika Kukreja	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> 1st Prize in E-poster in “Annual Academic Festival Biochaperones 2021”, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021
			<ul style="list-style-type: none"> 2nd Prize in E-debate in “Annual Academic Festival Biochaperones 2021”, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021
			<ul style="list-style-type: none"> One-month online Course and Internship in Bioinformatics organised by Edufabrica in collaboration with IIT Kharagpur (From June 5, 2021)
18	Gungun Saini	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Consolation prize in debate competition (Annual Academic Festival Biochaperones 2021)
			<ul style="list-style-type: none"> Participated in Summer Undergraduate Research Experience (SURE) program at Keck Graduate Institute (KGI), USA
19	Vinayak Joshi	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Participated in Science Case study competition organised by Australian National University, Australia in August 2020.
			<ul style="list-style-type: none"> Online Summer Internship Training, Duration: 6 weeks (June 15, 2020 to July 26, 2020), organised by: Department of Zoology, Shivaji College, University of Delhi under Star College Scheme by Department of Biotechnology, Government of India, Title: “COVID-19: Epidemiology and Impacts”.
			<ul style="list-style-type: none"> Participated in Mindspar 3.0 Ideathon organised jointly by Department of Biochemistry, Sri Venkateshawara College, DU and RCB, Faridabad and cleared the preliminary round. Idea presented: Bioreactor combined MFC: the Dual solution to energy production & plastic waste management
20	Pallavi Dutta	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Completed Online workshop on “Prominence of animals in research” organised by IIT Ropar on July 10, 2020
			<ul style="list-style-type: none"> Published Review paper on December 7, 2020:

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Wardhan, R.; Tanwar, A.; Dutta, P.; Jha, I.; Sharma, R.; Ali Zaidi, A.; Chawla, R.; Arora, R.; Khan, H.A. Herbal Informatics: A Unique Model to Identify the Anti-Cancerous Agents for Targeting Lung Cancer. Preprints 2020, 2020120132 (doi: 10.20944/preprints202012.0132.v1)
			<ul style="list-style-type: none"> Participated in Science Case study competition organised by Australian National University, Australia in August 2020
			<ul style="list-style-type: none"> Participated in Special Public Lecture (Webinar) organised by NASI-Delhi Chapter, MHRD-Institution innovation council, Deen Dayal Upadhyaya College, DU under DBT star College scheme, on 26 September 2020 and completed one professional hour.
			<ul style="list-style-type: none"> Online Summer Internship Training, Duration: 6 weeks (June 15, 2020 to July 26, 2020) organised by: Department of Zoology, Shivaji College, University of Delhi under Star College Scheme by Department of Biotechnology, Government of India. Title: "COVID-19: Epidemiology and Impacts"
			<ul style="list-style-type: none"> Certificate course in Bioinformatics and computational biology, Sri Venkateshwara College, University of Delhi, Duration: September 19, 2020 – February 6, 2021
			<ul style="list-style-type: none"> Participated in Mindspare 3.0 Ideathon organised jointly by Department of Biochemistry, Sri Venkateshawara College, DU and RCB, Faridabad and cleared the preliminary round.
			<ul style="list-style-type: none"> Idea presented: Bioreactor combined MFC: the Dual solution to energy production & plastic waste management
21	Utsav Kapoor	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Participated in the ANU Case Study Competition 2020, organised by The Australian National University, Australia on August 20, 2020.
			<ul style="list-style-type: none"> Attended a 6-week online Summer Training Programme on Research Methodology organised by the Department of Biochemistry, Shivaji College, University of Delhi from June 18- July 30, 2020.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Participated in Mindspar 3.0 Ideathon organised jointly by Department of Biochemistry, Sri Venkateshawara College, DU and RCB, Faridabad and cleared the preliminary round. Idea presented: Bioreactor combined MFC: the Dual solution to energy production & plastic waste management
22	Shashank Kumar Gupta	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Participated in the ANU Case Study Competition 2020, organised by The Australian National University, on August 20, 2020.
			<ul style="list-style-type: none"> Attended a 6-week online Summer Training Programme on Research Methodology organised by the Department of Biochemistry, Shivaji College, University of Delhi from June 18- July 30, 2020.
			<ul style="list-style-type: none"> Presented a Poster on “Vaccine production and challenges” and was awarded third position in ‘Annual academic festival BIOCHAPERONES 2021’ held on April 6, 2021 organised by the Department of Biochemistry, Shivaji College, University of Delhi.
23	Deepika Gola	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Completed the online course on Science of stems cells with 82% conducted by American Museum of Natural History, Coursera
			<ul style="list-style-type: none"> Participated in the ANU Case Study Competition 2020, organised by The Australian National University, on August 20, 2020.
			<ul style="list-style-type: none"> Attended a 6-week online Summer Training Programme on Research Methodology organised by the Department of Biochemistry, Shivaji College, University of Delhi from June 18- July 30, 2020.
			<ul style="list-style-type: none"> Completed the online course on Epigenetic control of gene expression with 89.46% conducted by University of Melbourne, Coursera
			<ul style="list-style-type: none"> Completed the course on Bioengineering: An interface with Biology and Medicine with Elite certificate conducted by NPTEL IIT Bombay
24	Kratika Rastogi	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Participated in the ANU Case Study Competition 2020, organised by The Australian National University, on August 20, 2020.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Attended a 6-week online Summer Training Programme on Research Methodology organised by the Department of Biochemistry, Shivaji College, University of Delhi from June 18- July 30, 2020.
25	Maurya	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Six Week Online Summer Training Program on “Research Methodology” from June 18 –July 30, 2020
26	Nikita		<ul style="list-style-type: none"> Organised by the Department of Biochemistry, Shivaji College, Under the aegis of DBT Sponsored Star College Scheme.
27	Vandna Kumari		
28	Swati		
29	Anshika Rohilla		
30	Lakshay		
31	Ishita Jha		
32	Abhilasha		
33	Yakshita Sharma		
34	Sunidhi Bisht		
35	Rajat Maurya		
36	Sonali Singh		
37	Vivek Gautam		
38	Varsha		
39	Anushka		
40	Deepika Bhola		
41	Merlin Mathew		
42	Aditi Rattan		
43	Sagar		
44	Riya Thomas,		
45	Priyanka Sudan		
46	Parvana P		
47	Vaibhav Sharma		
48	Afreen		
49	Vanshika Bansal	B.Sc.(H) Biochemistry	<ul style="list-style-type: none"> Workshop on bioinformatics – online hands on training workshop using bioinformatics tools for understanding protein biology (on April 16-17, 2021)
			internships –
			<ul style="list-style-type: none"> Social Comment Pvt Ltd (February 1– March 1, 2021)
			<ul style="list-style-type: none"> Tutoraj (April 24 – May 1, 2021)

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Crazy for success foundation (April 26 –May 9, 2021)
			<ul style="list-style-type: none"> Gigde global solutions private limited (April 25 – present)
			<ul style="list-style-type: none"> Designing – design magazine pages of “The Green Street” for the ‘SAVE NGO’
50	Kalash Gupta	B.Sc. (P) Life Science 2 nd year	<ul style="list-style-type: none"> 1st Prize in the oral presentation on the topic “Effect of soil pH on germination and growth of Triticum aestivum and Zea mays” in the International Interdisciplinary Virtual Conference on “DRUG DISEASE AND DEVELOPMENT” jointly organised by Department of Chemistry and IQAC Mungasaji Maharaj Mahaviyalaya, Darwha, India on December 9-10, 2020.
			<ul style="list-style-type: none"> Gave an oral presentation on the topic “Effect of soil pH on germination and growth of Triticum aestivum and Zea mays” in the international Conference on “Rethinking Science for Sustainable Development (RSSD 2021)” organised by Department of Chemistry, Rajdhani College, University of Delhi on April 20-21, 2021.
51	Prachi Sharma	B.Sc. (P) Life Science 2 nd year	<ul style="list-style-type: none"> Gave an oral presentation on the topic “Effect of soil pH on germination and growth of Triticum aestivum and Zea mays” in the international e-Conference on “Chemistry for Society, Industry and Technology” organised by Department of Chemistry, Gramin (Arts, Commerce & Science) Mahavidyalaya, Vasantnagar, Mukhed, India on January 20-21, 2021.
52	Devesh Shukla	B.Sc. (P) Physical Science with Chemistry 3 rd year	<ul style="list-style-type: none"> 1st Prize in Caricature Sketch Competition on the theme “Our Famous Scientists” in the month of October, 2020 organised by the Chemistry Department.
53	Priya Goyal	B.Sc. (P) Life Science 2 nd year	<ul style="list-style-type: none"> 2nd Prize in Caricature Sketch Competition on the theme “Our Famous Scientists” in the month of October, 2020 organised by the Chemistry Department.

S No.	Name	Department	Achievements
54	Anand Kumar Pandey	B.Sc. (P) Physical Science with Chemistry 3 rd year	<ul style="list-style-type: none"> Gave an oral presentation on the topic “Effect of soil pH on germination and growth of Triticum aestivum and Zea mays” in the international Conference on “Rethinking Science for Sustainable Development (RSSD 2021)” organised by Department of Chemistry, Rajdhani College, University of Delhi on April 20-21, 2021.
55	Suman Kumari	B.Sc. (H) Chemistry 2 nd year	<ul style="list-style-type: none"> 3rd Prize in the National Level Online Quiz in Chemistry conducted by the Department of Chemistry, Pithapur Rajah’s Government College (Autonomous), Kakinada on December 09, 2020 on the occasion of Chemistry Day Celebrations, 2020.
56	Shreya Singh	B.Sc. (H) Chemistry 2 nd year	<ul style="list-style-type: none"> 2nd Prize in the Virtual Lab Fun in CHEMSOPHY conducted by the Department of Chemistry, Maitreyi College, University of Delhi on February 18-19, 2021.
		B.Sc. (H) Chemistry 2 nd year	<ul style="list-style-type: none"> 1st Prize in the Chem Quiz in CHEMSOPHY conducted by the Department of Chemistry, Maitreyi College, University of Delhi on February 18-19, 2021.
57	Yalamanchili Navadheer	B.Sc. (H) Chemistry 3 rd year	<ul style="list-style-type: none"> AIR 6 in Joint Admission Test for Masters 2021 in Chemistry.
			<ul style="list-style-type: none"> AIR 53 in GATE 2021 in Chemistry.
58	Neha Yadav	B.Sc. (H) Chemistry 3 rd year	<ul style="list-style-type: none"> AIR 116 in Joint Admission Test for Masters 2021 in Chemistry.
59	Ashish Kumar	B.Sc. (H) Chemistry 3 rd year	<ul style="list-style-type: none"> AIR 533 in Joint Admission Test for Masters 2021 in Chemistry.
60	Sanjeevani Singh	B.Sc. (H) Chemistry 3 rd year	<ul style="list-style-type: none"> 2nd Prize in Online Quiz as a part of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
61	Jai Laxmi Dewal	B.Sc. (H) Chemistry 3 rd year	<ul style="list-style-type: none"> 2nd Prize in Poetry Competition on the theme “International Day for preventing the exploitation of the environment in war and armed conflicts” in the month of November, 2020 organised by the Chemistry Department.
62	Pradeep Kumar Mishra	B.Sc. (H) Chemistry 3 rd year	<ul style="list-style-type: none"> Selected and Completed Internship with Hello Study Global in the Profile of Web Development.
			<ul style="list-style-type: none"> Selected as a web developer Intern in SK children foundation on April 07, 2021.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> 1st Prize in Online PowerPoint competition as a part of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
			<ul style="list-style-type: none"> 3rd Prize in Online Quiz as a part of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
63	Princi Singh	B.Sc. (H) Chemistry 3 rd year	<ul style="list-style-type: none"> AIR 987 in Joint Admission Test for Masters 2021 in Chemistry.
			<ul style="list-style-type: none"> 2nd Prize in Online Poster Making Competition on the theme “How you see 2021” as a part of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
64	Sachin Dubey	Computer Science	<ul style="list-style-type: none"> Placed in Zomato as Quality Analyst.
			<ul style="list-style-type: none"> Vice President WEBSTERS, The Computer Science Society, Organised Techelons on March 2-3, 2021.
			<ul style="list-style-type: none"> 1st prize- Round Table, EDC Shivaji College- 2021.
			<ul style="list-style-type: none"> 1st prize- B-plan Competition, Shivaji College- 2021.
			<ul style="list-style-type: none"> 1st prize- B-Pitch Perfect, Bharati College- DU -2021.
			<ul style="list-style-type: none"> 1st prize -Pitch a Rich- B-Plan Competition, Sri Aurobindo College-DU-2021.
			<ul style="list-style-type: none"> Participation in competitions (Bplan, Case Study) conducted by NIT Trichy, IIT-D, IIM Sirmaur, HR College Mumbai.
			<ul style="list-style-type: none"> Project Report on ‘Glass Ceiling in Corporations’.
			<ul style="list-style-type: none"> He has pursued the following Internships: -
			<ul style="list-style-type: none"> Nblik Community Manager & Marketing Intern-2021.
			<ul style="list-style-type: none"> The Sparks Foundation- Data Science & Business Analytics intern-2020.
			<ul style="list-style-type: none"> Now & Me- Content writer -2020
65	Abhijeet Kumar Ranjan	Computer Science	<ul style="list-style-type: none"> Secretary WEBSTERS, The Computer Science Society, Organised Techelons on March 2-3, 2021.
			<ul style="list-style-type: none"> 1st PRIZE in CIRCUM PHYSICS, AVAGAAHAN International Interdisciplinary Academic Fest - 2021, Maitreyi College, University of Delhi.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> 1st Prize in Factonomics, Economica-21 Annual Economics Festival, Daulat Ram College, University of Delhi.
			<ul style="list-style-type: none"> 1st Prize in Tech Quiz, Technival 5.0 held at Kirori Mal College, University of Delhi.
			<ul style="list-style-type: none"> 2nd Prize in realcoderithm, electrozeal'21, held at Maharaja Agrasen College, University of Delhi.
			<ul style="list-style-type: none"> 2nd prize in Code-A-Thon, Avagaahan International Interdisciplinary Academic Fest - 2021, Maitreyi College, University of Delhi.
			<ul style="list-style-type: none"> 3rd prize in inquisitive, celestech'21, held at Aryabhata College, University of Delhi.
			<ul style="list-style-type: none"> 3rd Prize in tech quiz, electrozeal' 21, held at Maharaja Agrasen College, University of Delhi.
			<ul style="list-style-type: none"> 3rd Prize in Inter-College quiz competition organised by the Department of Computer Science, Shyama Prasad Mukherji College, University of Delhi
			<ul style="list-style-type: none"> 3rd PRIZE in CODE UNCODE, TECHNICAL 5.0 held at Kirori Mal College, University of Delhi.
66	Lata Yadav	Computer Science	<ul style="list-style-type: none"> Successfully completed Add on course in Python, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay on March 8, 2021.
			<ul style="list-style-type: none"> Successfully completed Add on course in R, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay on April 16, 2021.
			<ul style="list-style-type: none"> Technical Team Member Disha, The Civil Service Society of Shivaji College, University of Delhi.
			<ul style="list-style-type: none"> Executive Member - WEBSTERS-SHIVAJI COLLEGE
			<ul style="list-style-type: none"> She pursued the following internships:
			<ul style="list-style-type: none"> Teaching Intern, Kind Beings.
			<ul style="list-style-type: none"> Human Resources Intern, Umeed - A Drop of Hope.
			<ul style="list-style-type: none"> Intern, Udayan Care.
			<ul style="list-style-type: none"> Summer Intern, India Skill Capital (ISC).
67	Shreya	Computer Science	<ul style="list-style-type: none"> Successfully completed Add on course in Python, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay on March 8, 2021.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Successfully completed Add on course in R, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay on April 16, 2021.
			<ul style="list-style-type: none"> She has contributed as Executive Member, Webster for organising the workshop on “Computer vision” organised by Department of Computer Science, Shivaji College held on April 21-22, 2021.
68	Swati Duhan	Computer Science	<ul style="list-style-type: none"> Executive member of WEBSTERS (computer science society)
			<ul style="list-style-type: none"> Core team member of Eco- Warriors club Shivaji College
			<ul style="list-style-type: none"> Successfully completed the following courses on Coursera:
			<ul style="list-style-type: none"> Motivational enhancement techniques (University of virginia).
			<ul style="list-style-type: none"> Feminism and social justice (University of California santa cruz).
			<ul style="list-style-type: none"> Psychology of popularity (University of North Carolina of chapel hill).
			<ul style="list-style-type: none"> Design thinking and innovation (University of Virginia)
			<ul style="list-style-type: none"> Positive Psychology (University of North Carolina of chapel hill)
			<ul style="list-style-type: none"> Working smarter not harder: Time Management (Division of Continuing education)
			<ul style="list-style-type: none"> Covid-19: what you need to know: CME eligible (Osmosis.org)
			<ul style="list-style-type: none"> WON the following competitions:
			<ul style="list-style-type: none"> 2nd prize – BITS (Birla Institute of Technology)- draw for change competition.
			<ul style="list-style-type: none"> 3rd prize - Shivaji College- best out of waste competition by eco- warriors club.
69	Sachin Pandey	Computer Science	<ul style="list-style-type: none"> President WEBSTERS, The Computer Science Society, Organised Techelons on March 2-3, 2021.
			<ul style="list-style-type: none"> Successfully completed Add on course in Python, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay on March 8, 2021.
			<ul style="list-style-type: none"> Successfully completed Add on course in R, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay on April 16, 2021.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> He has contributed as Executive Member, Webster for organising the workshop on “Computer vision” organised by Department of Computer Science, Shivaji College held on April 21-22, 2021.
70	Shreyansh Dubey	Computer Science	<ul style="list-style-type: none"> Third prize in inter-College debate, YUVA Shivaji College.
			<ul style="list-style-type: none"> First position, CD, NSS Maitreyi College.
			<ul style="list-style-type: none"> First Position, debate organised by “Anandseh Smaark Khel Evam Sanskritik Samiti”
			<ul style="list-style-type: none"> First Best Speaker, Turncoat Debate, the Department of Political Science, Gargi College.
			<ul style="list-style-type: none"> Winner of the Speech Competition (Hindi) the Economics Society of Rajdhani College.
			<ul style="list-style-type: none"> Third Position, CD, Rashtriya Kala Manch, North Delhi.
			<ul style="list-style-type: none"> High Commendation in Youth Parliament - “Manthan”, Sri Aurobindo College.
			<ul style="list-style-type: none"> 2nd best speaker, online speech competition, ABVP Shivaji College Unit.
			<ul style="list-style-type: none"> Third Position, CD, PGDAV College.
71	Chitresh Kumar	Computer Science	<ul style="list-style-type: none"> Successfully Completed one month Certificate Course on Vector Design and Animation organised by the Department of Computer Science, Ram Lal Anand College, University of Delhi on 20th June to July 20, 2020.
72	Piyush	Computer Science	<ul style="list-style-type: none"> Successfully Completed Python Programming Essentials an online non-credit course authorised by Rice University and offered through Coursera.
			<ul style="list-style-type: none"> Successfully Completed Python from GUVI
			<ul style="list-style-type: none"> Successfully Completed C++ from Great Learning Academy.
			<ul style="list-style-type: none"> Successfully Completed HTML from Great Learning Academy.
			<ul style="list-style-type: none"> Successfully completed Add on course in Python, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay on March 8, 2021
			<ul style="list-style-type: none"> Successfully completed Android Application Development from Great Learning Academy.
			<ul style="list-style-type: none"> Successfully completed SQL from SOLO LEARN.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Successfully completed Intro of Graphic Design with Photoshop from Great Learning Academy.
			<ul style="list-style-type: none"> Successfully completed workshop Real Time Image Classification Using Microsoft Azure.
			<ul style="list-style-type: none"> Successfully completed Guinness World Record Event of Computer Programming Lessons by GUVI.
73	Khushboo Sharma	Computer Science	<ul style="list-style-type: none"> Successfully completed Add on course in Python, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay on April 9, 2021.
74	Kunal Negi	Computer Science	<ul style="list-style-type: none"> Successfully Completed following certificate courses:
			<ul style="list-style-type: none"> Introduction to Computer Science and Programming Using Python, an online course of study offered by MIT (Massachusetts Institute of Technology), (by edX).
			<ul style="list-style-type: none"> Data Science: Visualization a course of study offered by HarvardX, an online learning initiative of Harvard University (by edX)
			<ul style="list-style-type: none"> Data Science: R Basics a course of study offered by HarvardX, an online learning initiative of Harvard University (by edX)
			<ul style="list-style-type: none"> Completed Data Science Math Skills; online course from Duke University (by Coursera).
			<ul style="list-style-type: none"> Completed Data Analysis with Python: Zero to Pandas; online course offered by Jovain.ml.
75	Chhavi Goel	Economics	<ul style="list-style-type: none"> Internships
			<ul style="list-style-type: none"> Campus ambassador at Viral Fission
			<ul style="list-style-type: none"> HR department at Ashman Foundation
			<ul style="list-style-type: none"> Departmental activities
			<ul style="list-style-type: none"> Part of ESR Podcast chapter 10
76	Raghu Raj, Rathore	Economics	<ul style="list-style-type: none"> Competitions
			<ul style="list-style-type: none"> 1st Rank at the Case Study Competition @Hansraj College's Annual Event (w/ fellow classmates Arushi Sehra & Rashi Kaushik).
			Online Courses
			<ul style="list-style-type: none"> Approx ~250 MOOCs (Massive Open Online Courses). Consisting of Universities -

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Yale, Stanford, Columbia, HEC Paris, NYU (New York Uni.), UC Davis, UC Irvine, Calarts, University of Geneva, University of Pennsylvania (Wharton), University of Illinois (Gies), University of Michigan, Imperial College London et al.
			<ul style="list-style-type: none"> Harvard University's CS50 Business Professionals Certification.
			<ul style="list-style-type: none"> Boston Consulting Group's (BCG) Coursera Specialization.
			<ul style="list-style-type: none"> Accenture's Digital Skills Specialization Module.
			<ul style="list-style-type: none"> Macquarie University's Global MBA.
			<ul style="list-style-type: none"> Linkedin Specialist Certification in Graphic Design and Digital Marketing.
			Exams
			<ul style="list-style-type: none"> Entrance Qualifier for Indian Institute of Technology (IIT), Madras' 3-year Bachelor of Science (BSc.) in Programming & Data Science degree.
			<ul style="list-style-type: none"> Internships
			<ul style="list-style-type: none"> Web Development & Brand Identity Manager at StudioMittika. A ceramics' craft shop.
			<ul style="list-style-type: none"> Yale International Relations Association's Ambassador for YMUN XLVI, Connecticut.
			<ul style="list-style-type: none"> Departmental Activities
			<ul style="list-style-type: none"> ESR Podcast Season 01.
			<ul style="list-style-type: none"> Ideation, design, scripting, execution etc. of Podcast chapters as part of the ESR team led by Senior leadership of President Pulkit & General-Secretary Sparsh across all 3 years.
			<ul style="list-style-type: none"> Personally featuring in Chapters 03, 04 & 07.
			<ul style="list-style-type: none"> PC Ganguly Departmental Scholarship finalist.
			<ul style="list-style-type: none"> Shivaji @DU Economic Review (S. DUER). Ideation, design, prototyping.
			<ul style="list-style-type: none"> Financial Trading Simulation (Paper-trading). Finance literacy initiative for the freshmen class led alongside w/ fellow classmen Rashi, Mahi, Vanshita, Arushi, Mansi, Tanisha, Rashi Gp & Anshika et al.
			<ul style="list-style-type: none"> Annual Event 'Pareto' 2021.
			<ul style="list-style-type: none"> Ideation, design, execution etc. As part of the Volunteer team across all 3 years.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Featuring as Co-Event Head under upperclassman Sparsh. Hosted alongside w/ fellow classmen Vanshita, Rashi & Arushi.
			<ul style="list-style-type: none"> Event Certification, Aftermovie & Social Media design.
77	Arushi Sehra	Economics	<ul style="list-style-type: none"> Competitions
			<ul style="list-style-type: none"> 1st Rank at the Case Study Competition @Hansraj College's Annual Event
			<ul style="list-style-type: none"> 3rd position at Business Plan Competition held at Christ University
			<ul style="list-style-type: none"> Internships
			<ul style="list-style-type: none"> Content Writer at Kind Beings NGO
			<ul style="list-style-type: none"> Equity Research Analyst at Growth Arrow
78	Somya Tomar	Economics	<ul style="list-style-type: none"> Internships
			<ul style="list-style-type: none"> Full time teacher for two months at Teach For India.
			<ul style="list-style-type: none"> Social media Intern at Little Seeds NGO.
			<ul style="list-style-type: none"> Course
			<ul style="list-style-type: none"> Add on course on Legal Awareness by West District Legal Services Authority.
79	Meheranshi Vats	Economics	<ul style="list-style-type: none"> Internship at Aashman Foundation under HR department
80	Shaily Sengar	Economics	<ul style="list-style-type: none"> Served as office bearer of Epitome
			<ul style="list-style-type: none"> Societal activities-
			<ul style="list-style-type: none"> Wrote a research paper on PMJDY for Arthmanthan (with fellow classmate Saloni)
			<ul style="list-style-type: none"> Hosted and volunteered for the Ace of Spade
			<ul style="list-style-type: none"> Departmental activities-
			<ul style="list-style-type: none"> Was a part of ESR Podcast chapter 2
			<ul style="list-style-type: none"> Annual event Pareto-
			<ul style="list-style-type: none"> organising committee
			<ul style="list-style-type: none"> Ideation, execution etc for roast battle
			<ul style="list-style-type: none"> Event head of Roast Battle (with co-event head Ayush)
81	Vanshita Bajaj	Economics	<ul style="list-style-type: none"> Internship-
			<ul style="list-style-type: none"> Fundraiser at Inamigos organisation
			<ul style="list-style-type: none"> Departmental activities-
			<ul style="list-style-type: none"> ESR podcast chapter-5
			<ul style="list-style-type: none"> Organising committee (3 events during pareto)
			<ul style="list-style-type: none"> Hosted 3 events during pareto (with rashi kaushik, raghu raj rathore). As well as part of the content design process.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Hosted open mic event with Anchorage and litsoe
			<ul style="list-style-type: none"> Designing for epitome (with raghu raj rathore)
82	Divya Gupta	Economics	<ul style="list-style-type: none"> Course -
			<ul style="list-style-type: none"> Online course on stock market
			<ul style="list-style-type: none"> Departmental activities-
			<ul style="list-style-type: none"> Annual Event Pareto
			<ul style="list-style-type: none"> Event head of Preliminary Quiz Round (with co-event head Himangi Nagpal)
			<ul style="list-style-type: none"> Volunteered for Cryptic Hunt
83	Riya Ujjwal	Economics	<ul style="list-style-type: none"> Societal activities-
			<ul style="list-style-type: none"> Artistico event head of VIBGYOR society during Vibrations'21
			<ul style="list-style-type: none"> Part of organising committee of an event at the annual fest of vibgyor Acrylica'21
84	Nipun Sharma	Economics	<ul style="list-style-type: none"> Internship -
			<ul style="list-style-type: none"> Research Intern at Indian Institute of Sustainable Development (IISD)
			<ul style="list-style-type: none"> Departmental Activities-
			<ul style="list-style-type: none"> ESR Chapter 4 Windows Of Opportunity
			<ul style="list-style-type: none"> ESR Podcast Episode- 4
			<ul style="list-style-type: none"> Volunteered for Cryptic Hunt
85	Mohammed Arif Siyan	Economics	<ul style="list-style-type: none"> Course - online course on digital marketing
			<ul style="list-style-type: none"> Departmental activities -
			<ul style="list-style-type: none"> Volunteered for cryptic hunt.
86	Shreya Maheshwari	Economics	<ul style="list-style-type: none"> Departmental Activities-
			<ul style="list-style-type: none"> Scavenger Vortex (Cryptic Hunt) Event Head (Pareto 2021)
			<ul style="list-style-type: none"> Part of ESR podcast Season 1 Chapter 8
			<ul style="list-style-type: none"> Part of FIC Research Team 2020-2021.
			<ul style="list-style-type: none"> Volunteer of Howzatt (Finance and Investment Cell Annual Event 2021)
			<ul style="list-style-type: none"> Internships-
			<ul style="list-style-type: none"> Internship by Growth Arrow (Post-trade analyst)
			<ul style="list-style-type: none"> Internship by LivesBerg Technologies (Post-Vendor Calling
			<ul style="list-style-type: none"> Intern)
			<ul style="list-style-type: none"> Competitions-
			<ul style="list-style-type: none"> 1.All India rank of 20th in The Young Investors Fellowship conducted by Finance and
			<ul style="list-style-type: none"> Investment Cell of Hansraj College.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Others-
			<ul style="list-style-type: none"> 1.Active swing trader and investor in stock market from platforms- Upstox and Zerodha
87	Khushi Bhatia	Economics	<ul style="list-style-type: none"> Course -
			<ul style="list-style-type: none"> Online Course on Japanese
			<ul style="list-style-type: none"> Departmental Activities -
			<ul style="list-style-type: none"> Volunteered for Scavenger Vortex (Cryptic Hunt) Event of Pareto 2021
			<ul style="list-style-type: none"> Volunteered for Quiztopher (Quest for Crosses)
88	Keshav Khaitan	Economics	<ul style="list-style-type: none"> Exam-
			<ul style="list-style-type: none"> CM1(Actuarial Science Examination) by Institute and Faculty of Actuaries, United Kingdom.
			<ul style="list-style-type: none"> Internship-
			<ul style="list-style-type: none"> Internship by Bhumi, Post-Covid Vaccine Influencer
			<ul style="list-style-type: none"> Department Activities-
			<ul style="list-style-type: none"> Volunteered for Scavenger Vortex (Cryptic Hunt) Event of Pareto 2021
89	Saloni Agarwal	Economics	<ul style="list-style-type: none"> Departmental Activities
			<ul style="list-style-type: none"> Volunteered for Pareto '21 (Event: The Roast Battle)
			<ul style="list-style-type: none"> Featured in Podcast Ch.06
			<ul style="list-style-type: none"> Societal Activities
			<ul style="list-style-type: none"> Wrote a research article on PMJDY (along with coauthor Shaily)
			<ul style="list-style-type: none"> Volunteered and Hosted Ace of Spade
90	Rashi Kaushik	Economics	<ul style="list-style-type: none"> Departmental activities
			<ul style="list-style-type: none"> Actively Volunteered for Pareto '21 for all the four events and helped in ideation, designing etc
			<ul style="list-style-type: none"> Hosted Pareto (case competition round) along with Vanshita Bajaj
			<ul style="list-style-type: none"> ESR podcast season 1 - featured in chapter 6 and helped in scripting and execution of the same
			<ul style="list-style-type: none"> Financial Trading Simulation (Paper-trading). Finance literacy initiative for the freshmen class led alongside w/ fellow classmen raghu, Mahi, Vanshita, Arushi, Mansi, Tanisha, Rashi Gp & Anshika et al.
			<ul style="list-style-type: none"> designing for Epitome (the Economics Society)
			<ul style="list-style-type: none"> Societal activities
			<ul style="list-style-type: none"> Part of the street team at VAYAM, the theatre society
			<ul style="list-style-type: none"> performed a play (intezar rahega aapka) at alumni meet organised by VAYAM
91	Devanshi Thakur	Economics	<ul style="list-style-type: none"> Department Activities

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Hosted Pareto's open mic
			<ul style="list-style-type: none"> Featured in the podcast ESR season 1 chapter 1
			<ul style="list-style-type: none"> Societal Activities
			<ul style="list-style-type: none"> Spade
			<ul style="list-style-type: none"> Voice over for the annual documentary
			<ul style="list-style-type: none"> Hosted the annual fest.
			<ul style="list-style-type: none"> Enactus Shivaji
			<ul style="list-style-type: none"> Volunteer for Avensis 2021
			<ul style="list-style-type: none"> Dictum
			<ul style="list-style-type: none"> Volunteered for the annual fest.
			<ul style="list-style-type: none"> Courses
			<ul style="list-style-type: none"> R programming from IIT Bombay
			<ul style="list-style-type: none"> French level A1
92	Anshika Taneja	Economics	<ul style="list-style-type: none"> Competition
			<ul style="list-style-type: none"> 1st Rank in Artistico Typography competition @ shivaji College
			<ul style="list-style-type: none"> Courses
			<ul style="list-style-type: none"> Graphic Design from Calarts
			<ul style="list-style-type: none"> Departmental Activities
			<ul style="list-style-type: none"> Volunteered for Pareto'21
93	Tushar Sethi	Economics	<ul style="list-style-type: none"> Internship
			<ul style="list-style-type: none"> Campus Ambassador at Viral Fission
			<ul style="list-style-type: none"> Courses
			<ul style="list-style-type: none"> Online course in Photography by Jim Heid
			<ul style="list-style-type: none"> Online course in Financial Foundations
			<ul style="list-style-type: none"> Online course in Excel
			<ul style="list-style-type: none"> Departmental Activities
			<ul style="list-style-type: none"> Drummer at Music Society (Reverb)
			<ul style="list-style-type: none"> Hosted Pareto's The Roast Battle
94	Tanisha Goyal	Economics	<ul style="list-style-type: none"> Courses
			<ul style="list-style-type: none"> Certificate course in French language by Shivaji College, DU
			<ul style="list-style-type: none"> Departmental Activities
			<ul style="list-style-type: none"> Volunteered for Pareto'2021
95	Anmol Aashra	Economics	<ul style="list-style-type: none"> Courses-
			<ul style="list-style-type: none"> Circular Economy
			<ul style="list-style-type: none"> Effective business communication
			<ul style="list-style-type: none"> The fundamentals of digital marketing
			<ul style="list-style-type: none"> Introduction to investments
			<ul style="list-style-type: none"> Cryptocurrency and blockchain
			<ul style="list-style-type: none"> Competition-

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> • Won 3rd prize at business plan competition at ameyaa innovations organised by Punjab engineering College.
			<ul style="list-style-type: none"> • Internships-
			<ul style="list-style-type: none"> • Writer
			<ul style="list-style-type: none"> • Brand ambassador
			<ul style="list-style-type: none"> • Investment banker trainee
			<ul style="list-style-type: none"> • Public relation intern
			<ul style="list-style-type: none"> • Research intern
			<ul style="list-style-type: none"> • Crowd funding intern
96	Pragya Bagani	Economics	<ul style="list-style-type: none"> • Selected as Harvard US-India 2021 Delegate
			<ul style="list-style-type: none"> • President at Enactus Shivaji College
			<ul style="list-style-type: none"> • Social media head at Tedx Shivaji College
			<ul style="list-style-type: none"> • Best Intern at SoDelhi megastar summer internship
			<ul style="list-style-type: none"> • Selected among 80 individuals for SRCC - Wings of fire- Winter school 2020 from 800+ registrations.
			<ul style="list-style-type: none"> • Completed course on 'Viral marketing and how to craft contagious content' from University of Pennsylvania.
97	Sparsh Goyal	Economics	<ul style="list-style-type: none"> • Completed one month internship of Market Research at TDG partners.
			<ul style="list-style-type: none"> • Finished Metvy Research Project Program and got a letter of recommendation for the same.
			<ul style="list-style-type: none"> • Served as General Secretary of Economics Society
			<ul style="list-style-type: none"> • Event Head of the final round 'Case Competition' at Pareto.
			<ul style="list-style-type: none"> • Hosted and Part of the core Team in Epitome Economic Survey Review Podcast.
98	Isha Aggarwal	Economics	<ul style="list-style-type: none"> • Served as Treasurer of Economics Society
			<ul style="list-style-type: none"> • Served as Operational Management Head of Economics Society
99	Avinash	Economics	<ul style="list-style-type: none"> • Internships: -
			<ul style="list-style-type: none"> • Sk Children Foundation (Ngo) - Public Relation.
			<ul style="list-style-type: none"> • EduMorf India Pvt Ltd. - Human Resource.
			<ul style="list-style-type: none"> • Shine Projects - sales and marketing intern.
			<ul style="list-style-type: none"> • Insightone - Marketing intern.
			<ul style="list-style-type: none"> • International model united nation (MUN) - Campus ambassador.
			<ul style="list-style-type: none"> • Fitholic Association - Campus Ambassador.
			<ul style="list-style-type: none"> • Pinakulo - Student Representative.
			<ul style="list-style-type: none"> • Course: -

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Digital Marketing
			<ul style="list-style-type: none"> Placement cell: -
			<ul style="list-style-type: none"> Got a placement in CHEGG (profile - subject matter expert) from placement cell.
100	Naman Anand	Economics	<ul style="list-style-type: none"> Successfully completed a course on Financial Analyst, Stock Market from Yale University, Covid-19 Tracing.
			<ul style="list-style-type: none"> Internship with IIFL Securities Ltd.
			<ul style="list-style-type: none"> Appeared in competitive exams like CAT, NMAT, XAT.
			<ul style="list-style-type: none"> Selected for the MBA program at Great Lakes Institute of Management, Gurgaon.
101	Srishti Jain	Economics	<ul style="list-style-type: none"> Awarded P.C. Ganguly Memorial Scholarship 2020-21
			<ul style="list-style-type: none"> Served as Secretary of Placement Cell, Shivaji College for the year 2020-21
			<ul style="list-style-type: none"> Served as Content head of Finance & Investment Cell, Shivaji College from 2019 to 2021.
			<ul style="list-style-type: none"> Volunteer as Academic Supporter in an NGO named as 'Make a Difference' in 2020-21
			<ul style="list-style-type: none"> Completed 2 months internship as an HR Recruiter in Yunic Solutions
			<ul style="list-style-type: none"> Completed 2 months internship as an HR intern in Decoration Digital Marketing Services (DDMS)
			<ul style="list-style-type: none"> Secured first position in Quiztopher, an online event organised by SPADE, socio-economic society of Shivaji College.
			<ul style="list-style-type: none"> Secured second position in Cryptic Hunt, an online game event organised by Shaheed Bhagat Singh College, University of Delhi.
			<ul style="list-style-type: none"> Completed 1 month internship as an HR intern in Grow up Group Technologies.
			<ul style="list-style-type: none"> Volunteer in Enactus, Shivaji College.
			<ul style="list-style-type: none"> Served as Joint Secretary of Economics Department, Shivaji College for the year 2018-19.
			<ul style="list-style-type: none"> Contributed in making of the Career Chronicle, the newsletter of Placement Cell, Shivaji College for 3 consecutive years from 2018-21.
102	Sheen Bhayana	Economics	<ul style="list-style-type: none"> Served as Vice-President of Economics Society.
			<ul style="list-style-type: none"> Co-Host and Co-Author of Epitome's Economic Survey Review Podcast 2021

S No.	Name	Department	Achievements
103	Shubhangi Bhatia	Economics	<ul style="list-style-type: none"> • Internship (feb & mar)- HR intern at Eekor solutions.
104	Tanvi Jain	Economics	<ul style="list-style-type: none"> • 1. Promoted to the position of President at Finance and Investment Cell of the College. • 2. Worked as the Financial Management Intern at IIFL Securities Ltd. For a period of 2 months, starting from August 1, 2020. • 3. Served as the Business Development Team Manager at LivesBerg Technologies, a 2020 Edtech startup for a period of 5 months, starting from October 26, 2020. • Received Letter of Recommendation from the CEO of LivesBerg Technologies for showing exceptional performance at the startup. • Serving as the Business Analyst Intern at Kasper Consulting Private Limited, since June 1, 2021. This is an in – office Internship and will last for 6 months. • Completed following courses from Coursera: <ul style="list-style-type: none"> • Business Analytics and Digital Media (by Indian School of Business) • Introduction to Data Analysis using Excel (by Rice University) • Analysing company performance using ratios (by Coursera) • Accounting and Finance for IT Professionals (by Indian School of Business) • Leadership and Emotional Intelligence (by Indian School of Business) • Introduction to Financial Markets (by Indian School of Business) • Trading Basics (by Indian School of Business)
105	Vijay Palve	English (h) Sem 6	<ul style="list-style-type: none"> • 1st position in extempore competition organised by Dept. of Geography, Shivaji College. • Internship at WeSettle as Campaign Ambassador from August 20-27, 2020. • Served as President, Pandemonium, Dept. of English, 2020-21 session. • Served as Treasurer, DICTUM, 2020-21 session.
106	Muskaan Goyal	English (h) Sem 6	<ul style="list-style-type: none"> • Co-Author, “Hiraeth-the nostalgic home, Mother, Hustle, Healing to Survive & Thrive, Enchanting Minds”

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107	Shivani Kaul	English (h) Sem 6	<ul style="list-style-type: none"> Co-organiser & Vice President at TEDx Shivaji College, 2020-21
			<ul style="list-style-type: none"> Intern Expert Acquisition at Chegg India
			<ul style="list-style-type: none"> Content Writer Intern at The Healthy Company
			<ul style="list-style-type: none"> 2nd position, Slam Poetry Competition, Litopia, Eng. Dept.
108	Ramanjit Kaur	English (h) Sem 4	<ul style="list-style-type: none"> 1st position, Literary Quiz, Litopia
			<ul style="list-style-type: none"> 3rd position, Short Story Writing, Litopia
109	Janhvi Dawar	English (h) Sem 4	<ul style="list-style-type: none"> Certificate course in German language, St. Stephen's College
110	Shivangi Pathak	English (h) Sem 4	<ul style="list-style-type: none"> Second posting in InterCollege map pointer competition
111	Ayushi Sikka	English (h) Sem 4	<ul style="list-style-type: none"> 1st position, short story writing, Litopia
			<ul style="list-style-type: none"> 2nd position, short story competition, Redstocking Literary Society, Bharti College
112	Shruti Bansal	English (h) Sem 4	<ul style="list-style-type: none"> President, Alumni Relations Cell, Shivaji College
			<ul style="list-style-type: none"> Certificate Course in German, Shivaji College
			<ul style="list-style-type: none"> 1st Position, Tell a Tale, Shivaji College
			<ul style="list-style-type: none"> Host, Tanzmania, Vibrations 2021
113	Srijita Bhattacharya	English (h) Sem 4	<ul style="list-style-type: none"> 1st position, Literary Quiz, Litopia, 2021
114	Nishika Lalit	English (h) Sem 4	<ul style="list-style-type: none"> 2nd Position, Inter College Poster Presentation Competition, Chemistry Dept. Miranda House
			<ul style="list-style-type: none"> 1st Position, Poster Making, Bhaskaracharya College of Applied Sciences.
			<ul style="list-style-type: none"> 1st position, Raise your Voice, Zoology Dept., Shivaji College
			<ul style="list-style-type: none"> 2nd Position, Text Illustration, Dept. of English, Shivaji College
115	Aman Aryan	English (h) Sem 2	<ul style="list-style-type: none"> Project Manager, International Open Mic Event
			<ul style="list-style-type: none"> Technical Head, Disha, The Civil Service Society
116	Keshika Malik	English (h) Sem 2	<ul style="list-style-type: none"> Corporate Manager, Intern, AIESEC
			<ul style="list-style-type: none"> Since February 2021
117	Mihira Arora	English (h) Sem 2	<ul style="list-style-type: none"> Internship, Content Writing, SAC, April 14-May 20, 2021
118	Palak Sharma	English (h) Sem 2	<ul style="list-style-type: none"> Internship, Content Writing, SAC, April 14-May 20, 2021
119	Sapna	Geography	<ul style="list-style-type: none"> Poster making – 1stPosition
			<ul style="list-style-type: none"> Photography competition -2ndPosition
120	Yash Singhroha	Geography	<ul style="list-style-type: none"> Poster making – 2ndPosition

S No.	Name	Department	Achievements
121	Deepali Pateria	Geography	• Shivalik Geography Quiz Competition -3 rd Position
122	Bipashana Sharma	Geography	• Inter College Map Pointer competition – 3 rd Position
123	Tarun Kumar	Geography	• Online art Exhibition by New Delhi Institute of Management (DU)- 2 nd position
			• Online Art Competition by Rajdhani College - 4 th position
124	Kunal	Geography	• Photography Competition -2 nd Position
			• Logo making Competition-1 st Position
125	Khushwant Kumar	Geography	• Newspaper Dressing Competition, ‘Coco-Channel’ organised by Srijan, SPM College- 1 st Position
			• Extempore Debate Competition organised by Blued – 3 rd position
126	Tamanna	Geography	• Newspaper Dressing Competition, ‘Coco-Channel’ organised by Srijan, SPM College- 1 st Position
127	Kiran Sharma	Geography	• Speech Competition-3 rd position
			• Certificate of appreciation-painting competition
			• 1 st position-just a minute comp by SPM College
			• Research work on Social Media’s impact on Tourism (Organised by Shaheed Bhagat Singh Geodepartment)
128	Kanika	Geography	• Two medals at basket ball tournament
			• One gold in our sports day.
			• A Silver in inter College at Jawahar Lal Nehru Stadium.
129	Suraj	Geography	• Inter College Competition SPM College (2020)Map Pointer-First Position
			• Jam session-Second position (SPM) College
			• Essay Writing on Shaheeddiwas (NSS Inter College Compititions, Shivaji College, Participatory Certificate)
			• A content writing on covid and environmental impact for geo. Dept. Magzine (Shivaji College)
130	Kiriti Joshi	Geography	• Fund Raising Compition for 1 Month Muskurahat Foundation – Certificate of Completion
			• NCC Quiz Competition – Certificate of Completion
			• Awareness Quiz on Covid 19- Certificate of Completion
131	Archana Kaushik	Geography	• Internship Program Business Development Manager - Certificate of completion

S No.	Name	Department	Achievements
132	Jitender	Geography	<ul style="list-style-type: none"> Quiz Competition Shivalik Geography Society – 3 Position
133	Hardik	Geography	<ul style="list-style-type: none"> Record for singing maximum number of words (462) in a rap song in one minute.
134	Mangalam Kumar	Geography	<ul style="list-style-type: none"> Won Rs.50 Lakhs from Kaun Banega Crorepati on Soni TV with Amitabh Bachchan.
135	Lobsang Tsering	BA (Hons) IV Sem History	<ul style="list-style-type: none"> Participated in a National Cadet Corps (NCC) Drill and Guard Competition organised in April 2021 organised by Janaki Devi Memorial College.
			<ul style="list-style-type: none"> Participated in a Drill and Guard competition organised by Miranda House, May 7-8, 2020
			<ul style="list-style-type: none"> Participated in Drill and
			<ul style="list-style-type: none"> Guard Competition organised by SGND Khalsa College.
136	Aanvi Arora	BA (Hons) IV Sem History	<ul style="list-style-type: none"> Completed internship from ‘TDG Partners’ in “Market Research” – April to May 2021.
137	Sania Abbas	BA (Hons) VI Sem History	<ul style="list-style-type: none"> Won the Best Speaker prize in an English Debate Competition organised by Kaanooni Knowledge, an online community that works for raising legal awareness. (September 6, 2020)
			<ul style="list-style-type: none"> Participated in a Conventional Debate Competition organised by Miranda House November 1, 2020)
			<ul style="list-style-type: none"> Participated in ‘Vaktavya’ - an Online Speech Competition organised by Rajdhani College
			<ul style="list-style-type: none"> Adjudicated Munaazrah- Annual Parliamentary Debate Tournament organised by Kamala Nehru College (November 7-8, 2020)
			<ul style="list-style-type: none"> Secured the first position in B.A. (Hons.) History, 1st year (March, 2020)
			<ul style="list-style-type: none"> Completed a course “Justice” offered by Harvard X, an online learning initiative of Harvard University (August, 2020).
			<ul style="list-style-type: none"> Completed a course “Basic Spanish 1: Getting Started” from UPValenciaX, an online learning initiative of Universidad Politécnica de Valencia, Spain (September, 2020).

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138	Ram Babu Pandit	BA (Hons) VI Sem History	<ul style="list-style-type: none"> Achieved Colonel appreciation letter in NCC during the CATC (combined annual training camp), March 21, 2021.
139	Dev Bhardwaj (SemVI)	BA (Hons) VI Sem History	<ul style="list-style-type: none"> Secured 1st position in 'All India Extempore' organised by Gautam Buddha University from October 28-30, 2020.
140	Prateek Tyagi	BA (Hons) IV Sem History	<ul style="list-style-type: none"> Represented Shivaji College in '1st Endurance Cricket Tournament' October 2020; & 'Red Bull 2021' (an Inter College to tournament), March 2021.
141	Ayush (Sem II)	BA (Hons) II Sem History	<ul style="list-style-type: none"> Secured 3rd position in a debate competition organised by 'Spandan'-the Hindi Literary Society of Sri Ram College of Commerce, on April 21, 2021.
142	Astha Singh (Sem II)	BA (Hons) II Sem History	<ul style="list-style-type: none"> Secured 3rd prize in 'Kalakriti'- Art Competition organised by National Service Scheme (NSS) Shivaji College under the banner of "Nishkaam'21" April 15, 2021
143	Dev Kumar Vats	Mathematics	<ul style="list-style-type: none"> 1st position inter college paper presentation competition organized by Mathematics department of SPM College, DU. 1st position inter college paper presentation competition organized by Mathematics department of Shivaji College President of Student Society TESSERACT of Mathematics department Volunteer, NSS Volunteer, ECO CLUB

S No.	Name	Department	Achievements
144	Nisha Rani	Mathematics	<ul style="list-style-type: none"> • President of NSS, Shivaji College in 2020-21. • Organizer at International conference organised by WDC, Shivaji College held from Jan 9-10, 2020. • Part of the technical team of NSS for July 2019-2020. • Internship as Graphic designer at Markvy digital from February 19, 2021 to March 19, 2021. • Internship as Graphic designer at Daijar from August 13-19, 2020. • Internship as Graphic designer at studio White Mocha from July 14 – August 14, 2020. • HR Associate at Laugh Guru from June 1- July 1, 2020. • Certificate course in Advance programme in Digital Marketing. • Haryana State Certificate Course in Information Technology.
145	Suyesh Pathak	Mathematics	<ul style="list-style-type: none"> • Vice president of Student Society TESSERACT of Mathematics department • Secretary at NSS. • Active member at WDC and Eco Club.
146	Anushka	Mathematics	<ul style="list-style-type: none"> • Vice president of Student Society TESSERACT of Mathematics department • Secretary at NSS. • Active member at WDC and ECO CLUB. • Won first prize in Googler organised by Ace-SGGSC, DU in Feb, 2020. • Certified as a Numerologist in April 2021. • Joint Secretary of Mathematics Department. • Secretary at Vibgyor-The Fine Arts Society. • Internship as a Graphic Designer with SSF and MUSHY ALLIE. • Internship as an HR with AASHMAN FOUNDATION. • Had successfully conducted Calligraphy and Mandala art workshops.

S No.	Name	Department	Achievements
147	Priya Beniwal	Mathematics	<ul style="list-style-type: none"> • President- RITVA, Shivaji College Chapter. • Volunteer at Anchorage. • Head of Sanitary Pad Distribution Drive- Sapna at NSS. • Head of COVID Task Force at NSS. • Volunteer in WDC. • Volunteer in Eco-Club. • Part of ARC-Shivaji College for 3 months. • Volunteer at NISHTHA-Civil Service society of Hansraj College, DU.
148	Shrey Mishra	Mathematics	<ul style="list-style-type: none"> • President of REVERB, Music Society. • Won 1st prize in singing competition at SPM college, DU. • WON 2nd prize(duet) in singing competition at Bhaskaracharya College, DU.
149	Prgati Srivastava	Mathematics	<ul style="list-style-type: none"> • Intern as Buisness Development Associate in WESETTLE • Course on introduction to computer algebra system -maxima from Student Learning Center, IQAC Hansraj College, DU
150	Nishant Rathi	Mathematics	<ul style="list-style-type: none"> • Attended and got certificate for the course U21 Global Citizenship by Universitas 21.
151	Karan Kumar	Mathematics	<ul style="list-style-type: none"> • Qualified exam of National Institute of Design
152	Nikita Dwivedi	Mathematics	<ul style="list-style-type: none"> • Qualified IIT JAM
153	Bharat Rangila	Mathematics	<ul style="list-style-type: none"> • Served as the Secretary of Student Union of Shivaji College for the session 2019-21.
154	Divyanshu Dimri	Mathematics	<ul style="list-style-type: none"> • Qualified CS1, CS2(Acturial Exams). • Interviewed for SSB, Xccedence, Starnet-fx, Travclan
155	Manshi Sharma	Mathematics	<ul style="list-style-type: none"> • Qualified Commercial Pilot Scholarship. • Volunteered in WDC, Mathematics Department., NSS, • Internship with UNSCHOOL.
156	Apurav Dagar	Mathematics	<ul style="list-style-type: none"> • Cleared NDA exam . • Interned as an HR with AASHMAN FOUNDATION • Interned as graphic designer with Dual Zero Institute.

S No.	Name	Department	Achievements
157	Dhruv Pandey	Mathematics	<ul style="list-style-type: none"> Completed certificate course in French with distinction. Completed SEO-SMO course. Completed ADVANCED EXCEL training organised by SGGSCC, DU. Executive member at Mathematics department.
158	Chetna	Mathematics	<ul style="list-style-type: none"> Member of DICTUM and NSS . Active volunteer of Student Society TESSERACT of Mathematics department. Interned with HOMEFLIC, WEGROW and UMEED. Interning as a Researcher in EAT MY NEWS.
159	Neeraj Bassi	Mathematics	<ul style="list-style-type: none"> 2nd prize in Code-thon organized by Maitreyi College, DU
160	Riya Sharma	Mathematics	<ul style="list-style-type: none"> Active member of Art and Literary Society Has an NSIM certification.
161	Deepak	Mathematics	<ul style="list-style-type: none"> Qualified NDA exam
162	Debarthi Pal	Physics	<ul style="list-style-type: none"> Qualified IIT JAM 2021
163	Aditya Singh	Physics	<ul style="list-style-type: none"> Qualified IIT JAM 2021
164	Shivam Kumar	Physics	<ul style="list-style-type: none"> Qualified IIT JAM 2021
165	Pratik Thakur	Physics	<ul style="list-style-type: none"> Qualified IIT JAM 2021
166	Neha	Physics	<ul style="list-style-type: none"> Millenium Fellowship
			<ul style="list-style-type: none"> Of Class 2020
167	Aasis Dhamala	Physics	<ul style="list-style-type: none"> Qualified IIT JAM 2021
168	Abhik Gupta	Physics	<ul style="list-style-type: none"> 2nd prize in mock stock competition by Finance and investment cell, Shivaji College
169	Mitali Kapoor	Physics	<ul style="list-style-type: none"> Best Questioner and second-best team in Word War (Conventional Debate), organised by Hindu College
170	Abhik Gupta	Physics	<ul style="list-style-type: none"> 3rd prize in biz quiz, by vanijya samiti, Bharti College
171	Abhik Gupta	Physics	<ul style="list-style-type: none"> 2nd prize in curiosity quiz organised by commerce society maharaja Agrasen College
172	Pratik Thakur	Physics	<ul style="list-style-type: none"> Completed course, From the Big Bang to Dark Energy- University of Tokyo Coursera Certificate
173	Pratik Thakur	Physics	<ul style="list-style-type: none"> Completed course on The Data Scientist's Toolbox- John Hopkins University Coursera Certificate
174	Pratik Thakur	Physics	<ul style="list-style-type: none"> Completed course on Python (Five Courses)- University of Michigan Coursera Certificate

S No.	Name	Department	Achievements
175	Neha	Physics	<ul style="list-style-type: none"> Approved registration for National Science Day at IUAC
176	Jalaj Bhutani	Physics	<ul style="list-style-type: none"> Volunteered for anchorage and part of anchorage team.
177	Neha	Physics	<ul style="list-style-type: none"> Fifth best speaker of the tournament, PD, Daulat Ram College
178	Neha	Physics	<ul style="list-style-type: none"> Served as Secretary (2020-21) of Dictum, The Debating Society of Shivaji College
179	Yashwant Kumar	Physics	<ul style="list-style-type: none"> Quarter finalist in multilevel debate competition, by Kala Nirvana-2020
180	Yashwant Kumar	Physics	<ul style="list-style-type: none"> 2nd Position in Vartalap - Debate competition, organised by department of geography, Dyal singh College.
181	Yashwant Kumar	Physics	<ul style="list-style-type: none"> 3rd position in Memorial Debate competition, organised by Miranda house
182	Yashwant Kumar	Physics	<ul style="list-style-type: none"> Best team in Economica'21, organised by Department of economics and IQAC, shayamlal College (M)
183	Yashwant Kumar	Physics	<ul style="list-style-type: none"> Semi-finalist in Vimarsh (Parliamentary debate competition), organised by Shri Venkateswara College
184	Kajal Meena	Physics	<ul style="list-style-type: none"> 3rd rank in National level e quiz by Bhagini Nivedita College, Delhi University
185	Kajal Meena	Physics	<ul style="list-style-type: none"> Participated in Indian space science week celebration (Article writing) by Bhagini Nivedita College, Delhi University
186	Tushar Joshi	Physics	<ul style="list-style-type: none"> State topper in NGPE Exam
187	Tushar Joshi	Physics	<ul style="list-style-type: none"> Certificate for completion of Python 3.4.3 training
188	Tushar Joshi	Physics	<ul style="list-style-type: none"> Certificate of participation in event organised by IUAC on National Science Day
189	Himanshu Chauhan	Physics	<ul style="list-style-type: none"> Volunteered in vigyan samagam,
190	Himanshu Chauhan	Physics	<ul style="list-style-type: none"> participated in making your cross staff and finding the angle of Jupiter and Saturn conjunction
191	Himanshu Chauhan	Physics	<ul style="list-style-type: none"> participated in R.A.D workshop
192	Aakash Chauhan	Physics	<ul style="list-style-type: none"> Completed Course on Fundamentals of digital marketing
193	Himanshu Yadav	Physics	<ul style="list-style-type: none"> Bronze Honor in IAAC Competition, Quiz on Optics, Course on Chegg honor code
194	Himanshu Yadav	Physics	<ul style="list-style-type: none"> Participated in a Webinar on National Science Day Program by IUAC

S No.	Name	Department	Achievements
195	Himanshu Yadav	Physics	<ul style="list-style-type: none"> Participated in National Webinar on Space Astronomy Research
196	Himanshu Yadav	Physics	<ul style="list-style-type: none"> Participated in Webinar on 'why should we study stars?'
197	Mr. Ravi Sharma	Zoology	<ul style="list-style-type: none"> Secured 23rd Rank in IIT JAM and got selected in IIT Mumbai for M.Sc. Biotechnology
198	Ms. Renuka	Zoology	<ul style="list-style-type: none"> Qualified JAM 2021
			<ul style="list-style-type: none"> All india 113 rank in Biotechnology
			<ul style="list-style-type: none"> Shortlisted for interview for the I-Ph.D / M.Sc. Programme in Biology at DBS, TIFR Mumbai
199	Mr. Laksh Singh	Zoology	<ul style="list-style-type: none"> Poster presentation in International E-conference entitled "NeuroEunoia 2020: A Neuroscience Affair" organised by Gargi College, University of Delhi on October 16-17, 2020.
			<ul style="list-style-type: none"> Participated and Secured above 75% in Online Quiz Corona - By Dept of Zoology Deen Dayal Upadhyaya College on July 2-3, 2020
			<ul style="list-style-type: none"> Secured 3rd Position in LIFE THROUGH LENSES Online Photography Competition – Zoo Carnival , Shivaji College, University of Delhi on March 26, 2021
			<ul style="list-style-type: none"> Certificate of Merit for highest aggregate score in B.Sc. (Hons.) Zoology 1st Year in the academic session 2019-20.
200	Ms. Muskaan Verma	Zoology	<ul style="list-style-type: none"> Poster presentation in International E-conference entitled "NeuroEunoia 2020: A Neuroscience Affair" organised by Gargi College, University of Delhi on October 16-17, 2020.
			<ul style="list-style-type: none"> Participated and qualified the online quiz on Corona organised by Department of Zoology, Deen Dayal Upadhyaya College, Delhi University under the aegis of Science Foundation on July 2-3, 2020.
			<ul style="list-style-type: none"> Participated in National Level E-Quiz Competition on "Mental Health Awareness" organised on October 10, 2020 and scored 93.30%
201	Ms. Samashree Samanta	Zoology	<ul style="list-style-type: none"> Secured 3rd Position in Essay Writing Competition in the Annual Fest e-peepal 2020, organised by Eco Club, Shivaji College, University of Delhi.

S No.	Name	Department	Achievements
			<ul style="list-style-type: none"> Secured Content Writing Internship at Web Technologies India Private Limited through Internshala.
			<ul style="list-style-type: none"> Participated in Anam-Cara – The Poetry Writing Competition at Swikriti-The Annual Diversity Fest organised by Centre for Promotion of Inclusivity, Shivaji College, University of Delhi on April 22, 2021.
202	Mr. Vinayak Sharma	Zoology	<ul style="list-style-type: none"> Secured 1st position in the Inter College Debate Competition organised on March 5, 2021.
			<ul style="list-style-type: none"> Secured III position in the Eco Art Competition in the Annual Fest, e-peepal 2021 organised from April 12-22, 2021 by Eco Club, Shivaji College, University of Delhi
203	Ms. Sonal Sharma	Zoology	<ul style="list-style-type: none"> II prize in National Level Online Poster Making Competition on “Beat Plastic Pollution” organised by the Department of Chemistry, Datta Meghe Institute of Engg.Tech. & Research, Wardha on World Environment Day June 5, 2020
204	Ms. Adyasha Raut	Zoology	<ul style="list-style-type: none"> Secured III prize in Face painting Competition in annual fest Zoo Carnival 2021.
205	Mr. Nipun Sareen	Zoology	<ul style="list-style-type: none"> Completed Advanced Content Writing Skills course
			<ul style="list-style-type: none"> Major Content Writer at Desi Club in association with PFA.
			<ul style="list-style-type: none"> Article accepted in College Magazine 2021
			<ul style="list-style-type: none"> Part of a Minor project at Shivaji College.

ACHIEVEMENT OF STUDENTS IN CULTURAL EVENTS

SOCIETY NAME: Dictum: The debating Society

S.NO.	FIRST	SECOND	THIRD	ANY OTHER
1.	Maitreyi College -CD	Sangam of thoughts- Extempore	Shivaji College- Extempore	ABVP, SBSC- Special Mention
2.	Shivaji College- Extempore	Public Speaking Discussion (Communev)	KC Garg Memorial Debate- CD	Faculty of Social Science, BHU - Extempore Adjudication
3.	GGSIU- CD	Shivaji College- Extempore	ARSD- CD	Kala Nirvana, Sangam of Thoughts - Quarter Finalist
4.	Constitutional club (GGSIU)- CD	YUVA, Shivaji College- CD	ABVP, Shivaji College- Speech	Sangam of Thoughts - semi finalists

5.	Gautam Buddha University- Extempore	Nandita Rajguru Memorial Debate, JMDC College	YUVA, Shivaji College -CD	Sir Aurbindo College, Youth Parliament - High Commendation
6.	KC Garg Memorial Debate - CD	Netaji Subhash University of Technology- CD	NSS, Maitreyi College- CD	Abhinav Bharat Manch- Best Interjector
7.	ABVP, Shivaji College - speech	Shaheed Rajguru College of Applied Science for Women- Extempore	Maharani College-CD	Derozio Memorial Presidency University- Finalists
8.	Gargi- CD	Dyal Singh College- CD	Motilal Nehru College- CD	Dyal Singh- PD - Semi Finalists
9.	Student Union, Maitreyi College- CD	ABVP, Shadra Jila, Gandhi Nagar Unit- CD	Rashtriya Kala Manch, North Delhi -CD	Dyal Singh-PD- Quarter Finalists
10.	NSS, Maitreyi College- CD	CD, Hindu College	Hindi Sahitya Sabha, SRCC	Asian Parliamentary Debate, DTU- Quarter Finalist
11.	“Tarksar”,DCAC- CD		PGDAV- CD	Ramjas-PD - Quarter Finalist
12.	Shivaji College- CD		Miranda House- CD	Daulat Ram College- PD- Semi Finalists
13.	Daulat Ram College – CD		SBSC(E)- Just a minute	ARSD College-PD- Quarter Finalists
14.	PGDAV- CD		Anand Singh Khel and Sanskriti Smiti- CD	MLNC- PD- Semi Finalists
15.	Rajdhani College- speech		CD, JIMS, Vasant Kunj	Hansraj College- PD- Quarter Finalists
16.	NSS, Keshav Mahavidyalaya College- speech			Dr. Bhimrao Ambedkar College -Best Interjector
17.	ABVP, Vivekanand College- CD			Kala Nirvana, Sangam of Thoughts - Quarter Finalist
18.	Gargi College- Turncoat debate			GGSIU- CD- 4th best speaker
19.	Shyam Lal College-CD			GGSIU-CD- 5th best speaker
20.	Anand Singh Khel and Sanskriti Smiti-CD			Sri Venkateshwara College- PD- Semi Finalist
21.	Extempore competition, Shivaji College			SBSC(E)- 4th best speaker
22.	CD, Daulat Ram College			DRC- PD-2nd best speaker

23.	CD, JIMS, Vasant Kunj			DRC-PD-5th best speaker
24	CD, Kanooni Knowledge			Breaked adjudication competition, Ramjas Fresher's PD
				Breaked adjudication competition, Ramjas Fresher's PD
				Best interjector, CD, SGTB Khalsa College
				A Level Adjudicator, JDMC PD and MLNC PD
				Best interjector, CD, Hindu College

SOCIETY NAME: Bizarre: The Fashion Society

S. No	First	Second	Third	Any Other
1		Jaypee Institute, Solo Fashion Show		

SOCIETY NAME: Reverb: The Music Society

S. No	First	Second	Third	Any Other
1		Sophia College event, Solo Singing Competition		

SOCIETY NAME: Shutterbugs: The Photography Society

S. No	First	Second	Third	Any Other
1	SGGSC, Invictus, Photography and Film Making Competition	Shaheed Rajguru College, online Monochrome Photography Competition	DSC, Online Photography Competition	Featured in TDM Magazine Street Photography Magazine
2	Shivaji College, Ecopix, Photography Competition, SPADE	Hindu College, Online Photography Competition	SGND College, Online Photography Competition	Featured in Street Photography International
3	Shaheed Rajguru College, Shuffleshots Photography and Film Making Competition		Hindu College, Monochrome Photography Competition	Featured in Street Photo Asia
4	New Delhi Institute of Management, Online Photography Competition			Featured in TPC Magazine
5	Rajdhani College, Online Photography Competition			

SOCIETY NAME: Vibgyor: The Fine Arts Society

S. No	First	Second	Third	Any Other
1	Shaheed Sukhdev College Of Business Studies, Painting Competition	New Delhi institute of management, Online Exhibition	Shyam Lal College, Art Battle Contest	Fourth position, Rajdhani College, Online Art Competition
2	Shaheed Bhagat Singh College, Online Art Competition	SGTB khalsa College, Mandala Art Competition	Hansraj College, Scintillation (floral accessory making competition)	Special Mention, Dyal Singh College, Artist of the week
3	Motilal Nehru College, Online poster Competition	Shyam Lal College, Art Battle Contest	Hansraj College, Artem Regnum (academic drawing competition)	
4	Shivaji College, Eco Club Painting Competition	Hansraj College, Fun-artistics (Mascot and tagline competition)		
5	Shivaji College, Online Poster Making Competition			
6	Shivaji College, Eco Art Competition			
7	Aurobindo College, Mandala Art Competition			

SUMMARY OF AWARDS OF CULTURAL SOCIETY

Name of the Society	First	Second	Third	Any Other
Bizarre		1		
Dictum	24	10	15	28
Reverb		1		
Shutterbugs	4	2	1	4
Vibgyor	8	4	3	1

ACHIEVEMENT OF STUDENTS

National Cadet Corps (NCC)

Total cadets enrolled in session 2020-21		
SD	SW	Total
160	160	320

Total cadets who appeared for B and C Certificate Exam in session 2020-21			
Category	B-certificate	C-Certificate	Total
SD	65	Not held yet (31)	96
SW	46	Not held yet (50)	96
GRAND TOTAL	111	Not held yet (81)	192

Cadets attended various camps which includes:

NATIONAL LEVEL CAMP	
Name of camp	Number of cadets participated

	SD	SW	TOTAL
Republic Day Camp	2	00	02
PM Rally (Culture)	3	02	05
Para Sailing Camp	2	01	03
Online EBSB	7	07	14
Rashtriya Swachhta Abhiyan Rajpath	4	04	08
Total	18	14	32

STATE LEVEL CAMP			
Name of camp	Number of cadets participated		
Combined Annual Training Camp	SD	SW	Total
2 nd year	65	46	111
3 rd year	31	50	81
TOTAL	96	96	192

ACHIEVEMENTS IN OTHER COLLEGE FESTS AND CAMPS				
Events	Boys Division		Girls Division	
	1 st Position	2 nd Position	1 st Position	2 nd Position
Squad Drill Competition	00	01	00	00
Guard Competition	00	00	01	01
Tryst with climax	01	00	00	00
Dance Competition	00	00	00	01
Best Cadet	01	00	00	00
Quiz Competition	00	00	00	01
Grand Total	02	01	01	03

EVENTS ORGANISED		
Event	Month	No. Of Cadets Participating
Cancer Awareness Poster making Competition	Nov 2020	20
Blood Donation camp	Nov 2020	2
Poem recitation Competition on Digital India	Nov 2020	4
Polio Awareness campaign	Dec 2020	6
Swachh bharat Abhiyaan	Dec 2020	11
Vaccine Awareness Campaign	April 2021	4
Environmental Awareness Campaign	June 2021	5
International Yoga Day Celebration	June 2021	74

ANNUAL REPORT 2020-2021

The academic session 2020-2021 has been following the CBCS mode for the undergraduate programme. An overview of the College in terms of student and staff strength, results and other important details are as follows:

1. Student Strength 2020-21 (Ist, IInd & IIIrd Year)

COURSE	MALE							FEMALE						
	GEN	SC	ST	OBC	PH	EWS	TOTAL	GEN	SC	ST	OBC	PH	EWS	TOTAL
Science	349	120	40	223	7	25	764	345	48	10	106	0	13	522
Commerce (UG)	157	66	11	88	4	16	342	156	13	2	43	1	6	221
Humanities (UG)	630	227	44	382	26	36	1345	423	66	20	84	13	14	620
PG	45	14	3	26	8	4	100	17	2	0	2	1	3	25
Total	1181	427	98	719	45	81	2551	941	129	32	235	15	36	1388

2. Staff Strength

Teaching:

Permanent – 96	Adhoc – 102
1. Male – 38	1. Male – 43
2. Female – 58	2. Female – 59

Non-Teaching:

Non-Teaching (Permanent)	Non-Teaching (Contract)	Non-Teaching (Outsourcing Staff)	Housekeeping Services (Outsourcing Staff)	Horticulture Services	Security Services
Male – 83 Female – 11 Total = 94	Male – 14 Female – 1 Total = 15	Male – 3	01 Supervisor + 11 Sweepers	Outsourcing Staff – 6	Permanent – 4 Outsourcing Staff 01 Supervisor + 10 Guards

3. Retired Staff:

List of Teaching Staff retired during 2020-21:

Sr. No.	Name & Designation of Employee	Date of Retirement
1.	Dr. B.S. Dahiya, Associate Professor, Department of Geography	April 30, 2020

2.	Dr. Dharam Vir Chhikara, Associate Professor, Department of Geography	September 30, 2020
3.	Dr. V.P.S. Malik, Associate Professor, Department of Political Science	July 31, .2020
4.	Mr. Bache Singh Negi, Laboratory Assistant, Department of Chemistry	January 31, 2021

4. Teachers Who Availed Leave During 2020-21:

I. Study Leave

- i. Mrs. Ritu Madan, Assistant Professor, Department of English
- ii. Ms. Nishtha Srivastava, Assistant Professor, Department of History
- iii. Ms. Gunjan Kumari, Assistant Professor, Department of English
- iv. Ms. Siamlianvung Hangzo, Assistant Professor, Department of English

II. Sabbatical Leave

- i. Dr. Shama Mitra Chenoy, Associate Professor, Department of History
- ii. Ms. Suman Kharbanda, Associate Professor, Department of Commerce

III. Child Care Leave

- i. Dr. Mridula Budhraj, Associate Professor, Department of Mathematics
- ii. Dr. Raj Kumari, Assistant Professor, Department of Hindi

IV. Extraordinary Leave

- i. Ms. Mamta Datt, Associate Professor, Department of Economics
- ii. Mr. Sumeet Singh Raheja, Assistant Professor, Department of Economics

V. Unauthorised Leave

- i. Dr. Manju Tomar Balhara, Assistant Professor, Department of Botany

RESULTS

Sciences, Commerce, and Humanities May-June 2020 (Session 2019-20)

Course	Year	Student Appeared	1st Div.	2nd Div.	3rd Div.	Passed	ER/ Promoted	Failed
Science (Under Graduate)	1st Year	441	368	19	1	388	47	6
	2nd Year	407	348	27	1	376	28	3
	3rd Year	420	341	36	1	378	22	20
Commerce (Under Graduate)	1st Year	200	178	6	0	184	14	2
	2nd Year	160	135	6	1	142	17	1
	3rd Year	244	197	34	1	232	12	0
Humanities (Under Graduate)	1st Year	636	472	63	1	536	91	9
	2nd Year	557	404	74	2	480	72	5
	3rd Year	510	324	132	7	463	47	0
Post Graduate	Prev. Year	58	30	19	1	50	7	1
	Final Year	47	21	21	0	42	5	0

List of students for ‘Student of the Year Award 2020-2021’

Science Stream

Name of the Student	Course	Course	Roll No.
Ms. Tanya Adlakha		B.Sc.(H) Botany III Year	18/09045
Humanities Stream			
Ms. Sania Abbas		B.A. (H) History III year	18/35061
Commerce/Math/BBE/Economics			
Ms. Nisha Rani		B.A. (H) Mathematics III Year	18/17130
Best Student PWD Category			
Arun Kumar		B.A. (Prog.) III Year	18/49214

List of students receiving the following Prestigious Scholarships (Result of University Examination May-June 2020)

S.No.	Scholarship Name	Term(s) and Condition(s):	Student Name	Course	College Roll No.	Position Result-2020
1	Dr. Usha Aggarwal Trust	B.Com.. Prog. IInd & IIIrd year who secures the highest % of marks, being above 70% in B.Com.. (Prog.) Ist & IInd yr. Result	SHEFALI D/O-GOPAL KALRA	B.Com.. (Prog.) IInd year	19/50058	Ist
			Charul Ahuja D/O-Rajesh Kumar Ahuja	B.Com.. (Prog.) IIIrd year	18/50002	Ist
2	Sh. Satpal Bansal Memorial Scholarship	Best student of B.A. (Prog.) Ist yr.	Vaibhav Sharma S/O Sh. Sanwarmal Sharma	B.A. (Prog.) IIIrd Year	17/49149	Ist
3	Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)	B.Com. (H) IIIrd Year who secures the second highest % of marks, being above 70% in the College in B.Com. (H) IInd Year.	Ujjwal Gupta S/O- Sanjay Gupta	B.Com. (Hons.) IIIrd Year	18/51027	IInd
			Anjali D/O- Subash Chander	B.Com. (Hons.) IIIrd Year	18/51080	IInd
4	Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)	secured the first highest % of marks, in all the papers in the College in B.Com. (H) Ist Sem Univ. Exam. Scholarship of Rs. 2500/-	Sejal Munjal D/O- Anuj Munjal	B.Com. (Hons.) IInd Year	19/51046	Ist (Result November-December 2019)
5	Shri Sultan Chand Dropadi Devi Memorial Scholarship Scheme	One Scholarship of Rs. 3500/- for result of 2nd Semester to B.Com. (H) student under New Revised Syllabus.	Sejal Munjal D/O- Anuj Munjal	B.Com. (Hons.) IInd Year	19/51046	Ist Result (May-June 2020)
			Ishita D/O- Rajesh Kumar	B.Com. (Hons.) IInd Year	19/51050	Ist Result (May-June 2020)

6	Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)	One Scholarship for Rs. 3600/- for result of 4th Semester to B.Com. (H) student under New Revised Syllabus.	Shivani D/O- Devender Kumar	B.Com. (Hons.) IIIrd Year	18/51008	Ist
			Ujjwal Gupta S/O-Sanjay Gupta	B.Com. (Hons.) IIIrd Year	18/51027	Ist
			Sakshi Sansanwal D/O- Jitender Singh	B.Com. (Hons.) IIIrd Year	18/51033	Ist
			Swati D/O- Rajesh Kumar	B.Com. (Hons.) IIIrd Year	18/51070	Ist
			Anjali D/O- Subash Chander	B.Com. (Hons.) IIIrd Year	18/51080	Ist
7	Mrs. Swarn Kanta Nayyar W/o Late Dr. S.K. Nayyar	Two prizes in Zoology Deptt. for the B.Sc. (H) Zoology for the 2 top students in the penultimate year of their degree course, ratio of 2/3rd and 1/3rd respectively).	Lucky D/O Sh. Rajbir Singh	B.Sc. (H) Zoology	17/22013	Ist
			Meenakshi D/O Sh. Surender	B.Sc. (H) Zoology	17/22015	IInd
8	Ms. Kusum Vasal, Memorial Gold Medal	Awarding gold medal every year to the topper student of B.Sc. (H) Physics IIIrd year.	Jyoti Sharma D/O Sh. Mukesh Sharma	B.Sc. (H) Physics	17/19087	Ist
9	Dr. Sarvesh Kumar Dubey Cash Prize	Who secured the first highest % of marks, in all the papers in the College in M.A. Hindi Final Year Exam.	Anurag Tripathi S/O Atul Kumar Tripathi	M.A. Hindi	18/01924	Ist
10	PC Ganguly Scholarship	Best students of B.A.(H) Economics	Sparsh Goyal S/O Vikas Goyal	B.A.(H) Economics Sem. II	19/28048	Best Student
			Anmol Taneja S/O Vijay Kumar Taneja	B.A.(H) Economics Sem. IV	18/28020	Best Student
			Shivani Chauhan D/O Satish Chandar	B.A.(H) Economics Sem. VI	17/28004	Best Student
11	Mrs. Savita Mishra Memorial Award	Girl student of B.Sc. (H) Mathematics, who gets highest marks till her 6th Semester of Undergraduate Degree Course	Sakshi Jaiswal D/O- Suhsil Kumar Jaiswal	B.Sc.(H) Mathematics	17/17007	Ist

**List of Toppers in Academic Session 2019-20
(Result May-June 2020)**

S.No.	Roll No.	Exam Roll No.	Course	Name of Student	Father's Name	Marks
1	19/17002	19071563001	B.Sc.(H) Mathematics 1st Year	Ajay Malik	Gurnam Singh	9.64
2	18/17049	18071563020	B.Sc.(H) Mathematics 2nd Year	Dev Aggarwal	Shyam Sunder Aggarwal	9.86
3	17/17106	17071563072	B.Sc.(H) Mathematics 3rd Year	Yash Vats	Prashant Sharma	9.892
4	19/51046	19071504010	B.Com. (Hons.) 1st Year	Sejal Munjal	Anuj Munjal	9.00
5	18/51008	18071504001	B.Com. (Hons.) 2nd Year	Shivani	Devender Kumar	9.36
6	17/51085	17071504041	B.Com. (Hons.) 3rd Year	Eshaan Kishor Joshi	Kishor Chandra Joshi	8.919
7	19/50058	19071503027	B.Com. (Prog.) 1st Year	Shefali	Gopal Kalra	9.00
8	18/50002	18071503001	B.Com. (Prog.) 2nd Year	Charul Ahuja	Rajesh Kumar Ahuja	9.45
9	17/50162	17071503084	B.Com. (Prog.) 3rd Year	Sagar Raturi	Vijayjeet Raturi	8.455
10	19/49021	19071501017	B.A(Prog.) 1st Year	Rohit Kumar Yadav	Negiram Yadav	8.73
11	18/49020	18071501008	B.A(Prog.) 2nd Year	Sonam	Irfan Salmani	8.55
12	17/49149	17071501103	B.A(Prog.) 3rd Year	Vaibhav Sharma	Sanwarmal Sharma	8.106
13	19/29003	19071511002	B.A(H) English 1st Year	Mukti Sharma	Rakesh Sharma	7.91
14	18/29021	18071511007	B.A(H) English 2nd Year	Pratikshaa	Dinesh Chandr Bhatt	7.5
15	17/29027	17071511020	B.A(H) English 3rd Year	Acushala Dhar	Naveen Dhar	7.068
16	19/43005	19071529003	B.A(H) Sanskrit 1st Year	Onkar Kumar	Ugra Nath Mishra	8.5
17	18/43021	18071529011	B.A(H) Sanskrit 2nd Year	Shweta	Suresh Kumar	8.64
18	17/43056	17071529043	B.A(H) Sanskrit 3rd Year	Rahul Mandal	Vinod Mandal	8.5
19	19/62018	19071582009	B.Sc. Physical Science With Chemistry 1st Year	Mansi Rajput	Brajendra Singh	9
20	18/62020	18071582009	B.Sc. Physical Science With Chemistry 2nd Year	Neetu Yadav	Narayan Yadav	8.86
21	17/62031	17071582014	B.Sc. Physical Science With Chemistry 3rd Year	Ritwick	Saroj Kumar	7.864
22	19/2018	19071508005	B.A (H) Business Economics Ist Year	Harsh Goyal	Mohan Lal Goyal	8.77
23	18/2057	18071508014	B.A (H) Business Economics Iind Year	Anubhuti Chitra	Chadramouli Kumar Kern	8.79
24	17/2044	17071508020	B.A (H) Business Economics Iiird Year	Naman Khurana	Pradeep Kumar Khurana	8.108
25	19/28048	19071510013	B.A (Hons) Economics Ist Year	Sparsh Goyal	Vikas Goyal	9.23
26	18/28020	18071510007	B.A (Hons) Economics Iind Year	Anmol Taneja	Vijay Kumar Taneja	9
27	17/28004	17071510001	B.A (Hons) Economics Iiird Year	Shivani Chauhan	Satish Chandar	9.189

28	19/31067	19071513048	B.A (Hons) Geography Ist Year	Shubham Gutte	Sharimant Gutte	8.64
29	18/31021	18071513017	B.A (Hons) Geography Iind Year	Suraj Pal	Ramadhin Pal	8.68
30	17/31021	17071513014	B.A (Hons) Geography Iiird Year	Anuj Singh	Anil Singla	8.270
31	19/33016	19071516014	B.A (Hons) Hindi Ist Year	Aashutosh Singh	Pramod Kumar Singh	7.95
32	18/33002	18071516001	B.A (Hons) Hindi Iind Year	Aakash Thakur	Hem Singh Thakur	8.39
33	17/33038	17071516025	B.A (Hons) Hindi Iiird Year	Soni Devi	Rajesh Kumar	7.716
34	19/35021	19071518010	B.A (Hons) History Ist Year	Md. Miraz Ansari	Aslam Hussain Ansari	8.59
35	18/35052	18071518041	B.A (Hons) History Iind Year	Prateek Yadav	Indar Bir Singh Yadav	7.64
36	18/35061	18071518048	B.A (Hons) History Iind Year	Sania Abbas	Syed Wahid Abbas	7.64
37	17/35015	17071518008	B.A (Hons) History Iiird Year	Tushar Joshi	Santosh	6.986
38	19/40021	19071527016	B.A (Hons) Political Science Ist Year	Himanshu Rawat	Bache Singh	8.36
39	18/40056	18071527036	B.A (Hons) Political Science Iind Year	Rasvinder Kaur	Shishpal	8.39
40	17/40055	17071527037	B.A (Hons) Political Science Iiird Year	Tinku Singh	Inderpal Singh	7.730
41	19/22025	19071569006	B.Sc.(H) Zoology 1st Year	Yashika Kataria	Harish Kataria	9.23
42	18/22006	18071569001	B.Sc.(H) Zoology 2nd Year	Ravi Sharma	Ramnivas Sharma	9.79
43	17/22013	17071569009	B.Sc.(H) Zoology 3rd Year	Lucky	Rajbir Singh	8.932
44	19/09038	19071556012	B.Sc.(H) Botany 1st Year	Rishta Nandini Singh	Murari Singh	9.64
45	18/09034	18071556012	B.Sc.(H) Botany 2nd Year	Pooja	Jai Bhagwan	9.46
46	18/09045	18071556019	B.Sc.(H) Botany 2nd Year	Tanya Adlakha	Anil Adlakha	9.46
47	17/09009	17071556002	B.Sc.(H) Botany 3rd Year	Vidha Srivastava	Manish Kumar Srivastava	9.270
48	19/19067	19071567027	B.Sc. (H) Physics 1st Year	Nand Kishore Suthar	Mahaveer Prasad Suthar	9.41
49	18/19105	18071567060	B.Sc. (H) Physics 2nd Year	Pratik Singh Saud	Raran Saud	9.61
50	17/19087	17071567056	B.Sc. (H) Physics 3rd Year	Jyoti Sharma	Mukesh Sharma	9.297
51	19/06035	19071553023	B.Sc. (H) Bio-Chemistry 1st Year	Aditi Rattan	Sunil Kumar Rattan	9.50
52	18/06014	18071553011	B.Sc. (H) Bio-Chemistry 2nd Year	Utsav Kapoor	Dinesh Kumar Kapoor	9.79
53	17/06016	17071553009	B.Sc. (H) Bio-Chemistry 3rd Year	Mansi Tanwar	Yogender Singh Tanwar	9.392
54	19/10004	19071557002	B.Sc. (H) Chemistry 1st Year	Prerna	Manoj Mittal	9.18
55	19/10027	19071557006	B.Sc. (H) Chemistry 1st Year	Pranjal Rawat	Hem Chandra Singh Rawat	9.18
56	18/10009	18071557003	B.Sc. (H) Chemistry 2nd Year	Jai Laxmi Dewal	Madan Dan Dewal	9.68

57	17/10003	17071557002	B.Sc. (H) Chemistry 3rd Year	Akash Singh	Akash	8.946
58	19/63039	19071582051	B.Sc. Physical Science With Comp. Sci. 1st Year	Yashoda	Budhsen Thakur	9.27
59	1863071	18071582064	B.Sc. Physical Science With Comp. Sci. 2nd Year	Harsha	Udaibhan Singh	9.59
60	17/63074	17071582073	B.Sc. Physical Science With Comp. Sci. 3rd Year	Rohit	Satya Parkash	8.682
61	19/23049	19071583014	B.Sc.(H) Life Science 1st Year	Rahul Kaushik	Jage Ram	9.05
62	18/23110	18071583048	B.Sc.(H) Life Science 2nd Year	Sunyna Saun	Rakesh Kumar Saun	9.36
63	17/23130	17071583052	B.Sc.(H) Life Science 3rd Year	Sana Wahid	Andul Wahid Ansari	8.818
64	19/01911	19071713013	M.A Hindi Previous Year	Mukesh	Raj Nandan	7.20
65	18/01924	1879974	M.A Hindi Final Year	Anurag Tripathi	Atul Kumar Tripathi	1064
66	19/01861	19071724015	M.A Political Science Previous Year	Shubham	Pardeep Singh	6.00
67	18/01854	1883461	M.A Political Science Final Year	Pratik Sharma	Shiv Kumar Sharma	960
68	19/01015	19071728005	M.A Sanskrit Previous Year	Himanshu Bhatt	Ramesh Chandra Bhatt	8.64
69	18/01021	1884724	M.A Sanskrit Final Year	Vishal Regmi	Narayan Regmi	1286

Non-Teaching Staff

The non-teaching staff of Shivaji College comprises the administrative section, the accounts section, the library staff and the laboratory staff. The young and dynamic non-teaching staff facilitates a seamless channel in the everyday operation of the College. In recognition of the inestimable service of the non-teaching staff, every year Shivaji College confer the Best Employee Award to the employee that has shown diligence and commitment throughout the year in the fulfilment of professional responsibilities. For this year, we are proud to announce **Mr. Pankaj**, Senior Personal Assistant (Officiating) as the recipient of the **Best Employee Award**.

Non-Teaching Staff Achievements - 2020-21

S.No.	Prefix	Name of Employee	Designation	Department	Course Name	Organised By	Duration
1.	Mr.	Hemant Lamba	Administrative Officer	Office	Four week online training programme on Educational Administration for Administrative Officers of the universities/central institutes	IGNTU, Amarkanak, M.P.	July 4, 2020 to July 31, 2020
2.	Mr.	Hemant Lamba	Administrative Officer	Office	Constructive Living and Education in the times of Corona Crisis	Internal Quality Assurance Cell of Shivaji College (University of Delhi)	One Day (May 13, 2020)

3.	Mr.	Parveen Kumar	Administrative Officer	Accounts	Four-week online training programme on Educational Administration for Administrative Officers of the universities/central institutes	IGNTU, Amarkanak, M.P.	July 4, 2020 to July 31, 2020
4.	Mr.	Parveen Kumar	Administrative Officer	Accounts	Constructive Living and Education in the times of Corona Crisis	Internal Quality Assurance Cell of Shivaji College (University of Delhi)	One Day (May 13, 2020)
5.	Mr.	Ratan Deep	Senior Technical Assistant – Computer	Computer	Webinar on “Benefits of Digital Administration in Lockdown”	Internal Quality Assurance Cell of Sri Guru Nanak Dev Khalsa College and Ram Lal Anand College (University of Delhi)	One Day (May 1, 2020)
6.	Mr.	Ratan Deep	Senior Technical Assistant – Computer	Computer	Constructive Living and Education in the times of Corona Crisis	Internal Quality Assurance Cell of Shivaji College (University of Delhi)	One Day (May 13, 2020)
7.	Mr.	Ratan Deep	Senior Technical Assistant – Computer	Computer	Webinar on “Leave Rules”	Internal Quality Assurance Cell of Atma Ram Sanatan Dharma College (University of Delhi)	One Day (May 14, 2020)
8.	Ms.	Himanshi Anand	Senior Assistant	Office	Webinar on “COVID19 Impact on Students with Disabilities: Challenges and Coping Strategies”	Equal Opportunity Cell of Shivaji College (University of Delhi)	One Day (May 13, 2020)
9.	Ms.	Himanshi Anand	Senior Assistant	Office	Webinar on “Leave Rules”	Internal Quality Assurance Cell of Atma Ram Sanatan Dharma College (University of Delhi)	One Day (May 14, 2020)
10.	Mr.	Pankaj	Semi Professional Assistant	Office/ Library	Webinar on “Benefits of Digital Administration in Lockdown”	Internal Quality Assurance Cell of Sri Guru Nanak Dev Khalsa College and Ram Lal Anand College (University of Delhi)	One Day (May 1, 2020)

11.	Mr.	Pankaj	Semi Professional Assistant	Office/ Library	Webinar on “Leave Rules”	Internal Quality Assurance Cell of Atma Ram Sanatan Dharma College (University of Delhi)	One Day (May 14, 2020)
12.	Mr.	Afroz Khan	Junior Assistant	Office	Constructive Living and Education in the times of Corona Crisis	Internal Quality Assurance Cell of Shivaji College (University of Delhi)	One Day (May 13, 2020)
13.	Mr.	Afroz Khan	Junior Assistant	Office	Webinar on “Benefits of Digital Administration in Lockdown”	Internal Quality Assurance Cell of Sri Guru Nanak Dev Khalsa College and Ram Lal Anand College (University of Delhi)	One Day (May 1, 2020)
14.	Mr.	Afroz Khan	Junior Assistant	Office	Webinar on “Leave Rules”	Internal Quality Assurance Cell of Atma Ram Sanatan Dharma College (University of Delhi)	One Day (May 14, 2020)

Eminent Speakers 2020-21

Name of Committee	S no.	Name of Speaker	Designation	Affiliation	Event Description
Diamond Jubilee Celebration Committee	1	Prof. M. Jagadesh Kumar	Vice Chancellor	Jawaharlal Nehru University	Inaugural Lecture for Diamond Jubilee, on ‘Self Reliant India’, October 30, 2020
	2	Prof. P.C. Joshi	Acting Vice Chancellor	University of Delhi	Inaugural Lecture for the Diamond Jubilee, October 30, 2020
	3	Prof. Rakesh Bhatnagar	Vice Chancellor	Banaras Hindu University	Webinar on ‘Good Quality Early Education is the First Step Towards Transforming India’, November 30, 2020
	4	Dr. V. Ramgopal Rao	Director	Indian Institute of Technology, New Delhi	Webinar on ‘Education, Research and Innovation in the 21st Century: The Changing Role of Academic Institutions’, February 25, 2021.

Literary Society	5	Mr. Nishant Jain	Director, Tourism	Department of the Government of Rajasthan	Open Mic Event, April 16, 2021
	6	Dr. Devapriya Roy	Author of <i>Friends from College</i>		Abhivyakti on April 24, 2021
	7	Dr. Virender Bhardwaj	Author of <i>California mein Corona</i>	Shivaji College, University of Delhi	Abhivyakti April 24, 2021
Alumni Cell	8	Mr. Sanjay Malik	Kargil war Veteran	Head of Special Initiative of HRM, Indian Army	Discourse with Alumni on Life After College on August 29, 2020
	9	Mr. Paritosh Tripathi	Bollywood Actor	Host: Indian Idol 9	Keynote Speaker in ARC Orientation. Spoke on Choosing and excelling in offbeat careers December 2, 2020
	10	Dr. Nishith Prakash	Associate Professor	University of Connecticut, USA	International Webinar on Social Inclusion and Making Development Sustainable on November 6, 2020
	11	Mr. Ashtam Neelkanth	Founder and Director	The Eighth Dimensions Consultancy	Webinar on Soft Skill and Upskilling on April 29, 2020
	12	Mr. Harish Jain	Translator	Parliament of India, GoI	Discourse with Alumni on Discovering Career Opportunities for Youth October 28, 2020
	13	Mr. Vipin Kumar Nayar	Lecturer	Jindal Institute of Behavioral Sciences.	Webinar on Identifying and Inhibiting Online Embezzlement on March 17, 2021
College Research Cell	14	Prof. Upender Choudhury	Professor and Former Director, ICSSR	Department of Political Science, Aligarh Muslim University	National Webinar-I titled 'Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal', July 11, 2020.
	15	Dr. Rajeev Mehajan	Scientist G	Science and Engineering Research Board (SERB), New Delhi, India	One day National Level workshop on 'Various aspects of research funding, academic writing and publication ethics', January 30, 2021
	16	Dr. Meenakshi Munshi	Scientist G	Department of Biotechnology (DBT), Government of India, New Delhi, India	One day National Level workshop on 'Various aspects of research funding, academic writing and publication ethics', January 30, 2021.
	17	Prof. (Dr) Lakshmi Lingam	Dean and Professor	School of Media and Cultural Studies, Tata Institute of Social Sciences, Mumbai, India	One day National Level workshop on 'Various aspects of research funding, academic writing and publication ethics', January 30, 2021.

Cultural Committee	18	Mr. Ashtam Neelkanth (Alumni)	Director	The Eighth Dimension Personality thinking	Vibrations Inaugural event, April 14, 2021
	19	Mr. Rehan Hooda (Alumni)	Chief Sub editor	India Times Group	Vibrations Inaugural event, April 14, 2021.
	20	Mr. Rohit Chawla	Tabla Player, Percussionist		Vibrations: Swaranjali, April 14, 2021.
	21	Mr. Mayank Agarwal	Certified Art Therapist (Mandala Artist)		Vibgyor Exhibition, February 06-07, 2021.
Enactus	22	Mr. Nishant Jain	IAS, Director	Tourism Department, Government of Rajasthan	Vibrations: Open Mic event, April 16, 2021
	23	Mr. Mukul Goel	Founder	Startup called 'Make me Builder	Webinar on 'Importance of Soft Skills in Post Covid Era', July 6, 2020.
	24	Ms. Jharna Singhal	Law student and a menstrual educator.	YP Foundation	Webinar on period problems July 21, 2020.
	25	Dr. Neeti Leekha Chaabra	1. Founder and President 2. Tedx speaker 3. Associate professor 4. Author	NGO Yes to life HR & OB	Breast Cancer Awareness Session October 17, 2020.
	26	Mr. Terry Torok	The Chief Innovation Officer	ENACTUS, New York, USA	Orientation Programme, November 28, 2020.
	27	Mr. Aditya Arora	Chief Executive Officer	Faad Network Pvt Ltd	Mentor for Project M., March 11, 2021.
	28	Mr. Bidyut Chakraborty	Director	KPMG	Mentor for project M, March 25, 2021.
	29	Mr. Shailendra Singh	Founder of and CEO	Sustain Mantra	Judge at Avensis, April 30, 2021
	30	Mr. Ashutosh Kashap	Founder	WhiteWhale	Judge at Avensis 2020, April 30, 2021
	31	Mr. Saurabh Nanda	Director	SN Mentoring	Judge at Avensis, April 30, 2021
	32	Mr. Iesh Pratap Singh	Founder and CEO	Winning Edge	Judge at Avensis 2020, April 30, 2021.

EDC	33	Mr. Ashutosh Kashyap	Founder	The Workable, Barter up	Orientation, December 05, 2020
	34	Mr. Ishan Arora Mr. Murrad	Founder Co- Founder	Fin-ladder	Zero to one Entrepreneurship Webinar, January 31, 2021
	35	Nancy Sharma Tarun Makhija Devansh Jain Navel Rahul Basak	Co-founder CEO Founder Co-Founder	100x Entrepreneur Podcast Big Mouth Digital and Media The Healthy Company My Canvas Talk Amar Canvas	Panel Discussion – ‘Brand building and innovation’, April 08, 2021
	36	Avinash Chandra	Founder CEO	VINTAS KASHTHA	Speaker Session, April 08, 2021.
	37	Mr. Amit Poddar	Senior Regional Head	T.I.M.E.	Round Table, April 08, 2021
	38	Dr. Shailendra Vyas Dr. RabiNarayana Samantara	Vice President Associate Professor	Startups at Federation of Indian Industry Shivaji College, University of Delhi	B – Plan, April 08, 2021
FIC	39	CA Kashyap Rughani	Chartered Accountant, Mentor	ICAI	Webinar -Fundamental Analysis, June 09, 2020
	40	Mr Gursimran Singh	Founder, GRMIIT	GRMIIT	Webinar -Technical Analysis July 01, 2020
	41	Ms Ashima Jain	Senior Consultant	Deloitte	Webinar -Crafting Your Career October 10, 2020
	42	Mr Sougata Basu	Founder, CashRich	CashRich	FINTECH- Self Driving Money February 22, 2021

NSS	43	Mr. Gunjan Kumar Jha	Musicians/ singer		वेबीनार संगीत: जीवन शक्तिका अजसत स्रोत July 4, 2020
	44	Dr. Sudhanshu Shukla	Associate Professor Poland	Warsaw University Poland	अंतरराष्ट्र
	45	Mr. Ravi Kalra	Founder of Earth Savior foundation	The Earth Saviours Foundation	वेबीनार गोधूलि August 17, 2020
	46	Mr. Anil Swarup	Retired IAS and author	Indian Administrative Service	Webinar New education policy 2020 September 24, 2020
	47	Ms. Shabnam Hashmi	Social activist	Indian social activist, human rights campaigner	Webinar Denouncing Rape culture and Empowering consent. October 26, 2020
	48	Ms. Aman Preet Passy	IRS officer	Bureaucrat, Indian Revenue Services	A Webinar on Mitigating the Impacts of COVID-19 on Menstrual Health and Hygiene November 20, 2021
	49	CAPT. Yashika Tyagi	Retired. Army officer, motivational speaker	Catfit. Mind matters	A Webinar on Women Warriors in Defence Forces February 13, 2021
	50	Mr. Vijaypal Baghel	Environmental activist	Paryavaran Sachetak Samiti	Ek kadam parivartan ki aur. April 20, 2021

Placement Cell	51	Ms. Siji Varghese	TEDx Speaker, UN Karmaveer Chakra Recipient	Professional Speaker Association India	Art of Influencing through communication July 13, 2020
	52	Mr. Shantanu Sharma	Chapter President at Blockchain Chamber of Commerce	EasyFI Network	Introduction to Blockchain (Money and Beyond) August 14, 2020
	53	Mr. Karan Gupta	Harvard & IE Alumni, Career Consultant	Karan Gupta Consulting	Job VS Further Studies September 29, 2020
	54	Ms. Shweta Raizada	Certified Professional Resume Writer	Career Ladder	Let Your Resume Speak October 31, 2020
	55	Mr. Sorbojeet Chatterjee	Disrupting Corporate E-Learning with Happy Coach and Strategist	Happy Coach	Excel The Round Table November 01, 2020
	56	Debeshi Chakraborty	Award winning Career Story Coach, Commonwealth Scholar-London	Dezinecareers Global Private Limited	Communicate with Clarity November 02, 2020
	57	Shagun Chaudhary	Global Volunteer@Leverage LinkedIn, Cloud Specialist	Publicis Sapient	How to Build a Powerful LinkedIn Profile January 24, 2021
	58	Mr. Pratik Ranjan	Boston Consulting Group, Marketing Strategist	Boston Consulting Group	Riddle Out Guesstimates February 21, 2021
	59	Mr. Prakhar Singhal	Finance and Accounting Sales and Practice Leader	Accenture	Crescita'21 Orientation March 31, 2021
	60	Ms. Neelu Singhal	Senior Vice President and COO for Services at Genpact	Genpact	Crescita'21 Orientation March 31, 2021
SPADE	61	Dr. Soumi Dutta	Associate Professor	IEM, Kolkata	ACE Annual event of SPADE, February 26, 2021
	62	Dr. Sandeep Shukla	Professor	IIT-Kanpur	ACE Annual event of SPADE, February 26, 2021
	63	Ms. Priyanka Tomar	Cyber Security and Forensic Expert		Webinar on "Cyber Crime and Preventive Measures", November 10, 2020

WDC	64	Ms. Shikha Mittal	Founder and Director	Be.artsy	Financial Wellness Webinar, 'Be Your Own Lakshmi', February 27, 2021
	65	Dr. Shehla Jamal	Founder and President	Society of Menstrual Hygiene Management	Webinar on 'Women Health Awareness', February 04-05, 2021
	66	Dr. Archana Thakur	Joint Secretary	University Grants Commission (UGC)	Webinar on 'Issues of Mental Health- Strengthening the Mind and Empowering the Women', January 15, 2021
	67	Dr. Shashi Nijhawan	Former Principal	Shivaji College, University of Delhi	Webinar on 'Issues of Mental Health- Strengthening the Mind and Empowering the Women', January 15, 2021
	68	Dr. Nalini Kaushal	Executive Chairperson	Setuworks, Mumbai	Webinar on 'Issues of Mental Health- Strengthening the Mind and Empowering the Women', January 15, 2021
	69	Ms. Shalini Chetal	Joint Commissioner	Municipal Corporation, Hisar	Webinar on 'Issues of Mental Health- Strengthening the Mind and Empowering the Women', January 15, 2021
	70	Ms. Heather Morse	Legal Marketing Executive, Anti trafficking Advocate	Stafford University of California, Alabaster Outreach	Webinar on 'Issues of Mental Health- Strengthening the Mind and Empowering the Women', January 15, 2021
	71	Ms. Deane De Menezes	Founder	'Red is the new Green' Community	'Let's Talk, Period!' Webinar, November 12, 2020
	72	Mr. Sobhan Mukherjee	Padman of Kolkata	'Bandhan'	'Let's Talk, Period!' Webinar, November 12, 2020
	73	Dr. Rajesh Nagpal	Director	Behavioral and Neurosciences Academy of India	Webinar on 'Stress Management in the Times of COVID-19 Pandemic', July 22, 2020.

Department Wise Eminent Speakers

Department	S. No	Name of Guest	Designation	Affiliation	Event
Bio Chemistry	1	Prof. Sudhanshu Vрати	Executive Director	Regional Center for Biotechnology, Faridabad	Talk titled “Covid-19 therapeutics”, during Annual Academic Festival, April 06, 2021.
	2	Dr. Arijit Bhowmick	Leading Oligo Therapy and ex-vivo CRISPR R&D core teams	Regeneron, USA	Webinar on “Using Oligonucleotides as Drugs: The Story of siRNA, ASO and Aptamers”, on September 25, 2020
	3	Dr. Reddiah B. Mummaneni	Neurologist and Sleep specialist	Cedar Park Regional Medical Center, Cedar Park, Texas, USA	Webinar on “The Malleable Brain”, on October 10, 2020
	4	Dr. Manish Kumar	Assistant Professor	Department of Biophysics, University of Delhi	Webinar on “Meta-Analysis: Predicting Future using Past”, on July 25, 2020
	5	Dr. Anita Aggarwal	Scientist E	Department of Science and Technology, Govt of India	Webinar on “Building Science Technology and Innovation capacity: An overview of ecosystem”, on July 22, 2020
	6	Professor Yogendra Singh	Professor	Department of Zoology, University of Delhi	Webinar on “Microbial Genes and Genomes: Impact on our lives”, on July 20, 2020
Botany	7	Dr. Greta Gerrard	Professor	Department of English, University of Wisconsin, USA	International Webinar on “Environment, Gender and Climate Change” on July 27, 2020
	8	Dr. Vandana Singh	Professor	Department of Physics, Framingham State University, USA	International Webinar on “Environment, Gender and Climate Change” on July 27, 2020
	9	Dr. Vijaya Laxmi Singh	Associate Professor of History	Faculty of Social Sciences, University of Delhi.	International Webinar on “Environment, Gender and Climate Change” on July 27, 2020
	10	Dr. Ritu Mishra	DST-INSPIRE Faculty	National Institute of Immunology.	National webinar on “Impact of Coronaviruses on human central nervous system: latest updates and trends” on January 16, 2021.
	11	Prof. Saroj Mishra	Professor	Department of Biochemical Engineering and Biotechnology, IIT Delhi.	National Webinar on the topic “Decolorization and detoxification of textile waste waters using laccases of <i>Cyathus bulleri</i> ” on January 21, 2021.
	12	Mr. Sumit Sharan	The Founder	Shroomery - A mushroom cultivation farm located near Manesar, Gurgaon	An Online Workshop on “Mushroom Cultivation”
Business Economics	13	Dr. Kriti Sharma	Assistant Professor	MDI Gurgaon	Webinar on ‘Digital Revolution- What do we know about it?’, October 09, 2020.
	14	Ms. Chanpreet Arora	Consultant	Start up Evangelist	Webinar on ‘Digital Revolution- What do we know about it?’, October 09, 2020.
	15	Dr. Rajan Saxena	Former Vice Chancellor	NMIMS Mumbai	Webinar on ‘Redefining Marketing’, March 04, 2021.
	16	Prof. Subodh Mathur	Economist, Consultant	(Ph.D. MIT), (Bethesda, Maryland, US)	Webinar on ‘India 2030: The Road Ahead’, April 17, 2021.

Chemistry	17	Professor A. K. Bakhshi	Vice Chancellor	PDM University, Bahadurgarh, Haryana	Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” on September 19, 2020
	18	Dr. Himanshu Ojha	Scientist E and Joint Director	INMAS- DRDO	Webinar on the topic “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” on September 26, 2020
	19	Dr. Balaram Pani	Principal, Bhaskaracharya College of Applied Sciences, University of Delhi & Dean of Colleges, University of Delhi & Director of Campus of Open Learning, University of Delhi	Bhaskaracharya College of Applied Sciences, University of Delhi	Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” on September 27, 2020
	20	Dr. Sandeep Lal	Principal Scientist	Indian Agricultural Research Institute (IARI)	Webinar on the topic ““Environmental challenges in front of society in current scenario and future strategies” on October 09, 2020
	21	Dr. Ram Singh	Associate Professor	Department of Applied Chemistry, Delhi Technological University	Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” on October 17, 2020
	22	Mr. Aditya Pundir	Director	India & South Asia, The Climate Reality Project India	Talk on the topic “Climate Change the New Reality” as a part of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020
	23	Dr. Arun Srivastva	Assistant Professor	Jawaharlal Nehru University, Delhi	Talk on the topic “Covid-19 Atmospheric Variables: An Obscure Relationship” as a part of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020
	24	Prof. Rita Kakkar	Senior Professor, Dean (Faculty of Sciences), Head (Department of Chemistry), University of Delhi	Department of Chemistry, University of Delhi	Online Workshop on the topic “Riveting Story of Molecular Modeling” on April 10, 2021.

Commerce	25	Sh. Vijay Kumar Shrotryia,	Professor	Department of Commerce, Delhi School of Economics	OPTIMUM 2021- Annual Academic Festival of Department of Commerce held on April 6, 2021
	26	Sh. R.K. Singh	Professor	Head and Dean, Department of Commerce, Delhi School of Economics	Inaugural Event- Interdisciplinary Online Faculty Development Program held from March 5-11, 2021
	27	Ms. Veena Kumari	Manager	State Bank Of India	Webinar on “Investment Awareness and the Role of Regulators” held on February 5, 2021
	28	Mr. Harbinder Sokhi	Regional Manager	Bombay Stock Exchange	Webinar on “Investment Awareness and the Role of Regulators” held on February 5, 2021
	29	Mr. Amit Kumar Jain	Manager	CDSL	Webinar on “Investment Awareness and the Role of Regulators” held on February 5, 2021
	30	Sh. Alok Pandey	Director	IMS Ghaziabad	Webinar on “Strategies for India’s Economic Growth in VUCA world” held on September 29, 2020
	31	Ms. Aanchal Kapoor	Chartered Accountant	Aanchal Kapoor & Associates	Certificate Course on Goods and Services Tax held from August 17-28, 2020
	32	Sh. Ashok Batra	Chartered Accountant	Senior Partner, M/S A K Batra & Associates	Certificate Course on Goods and Services Tax held from August 17-28, 2020
	33	Archna Jain	Chartered Accountant	Consultant- Tax and Finance Services, The Institute of Chartered Accountants of India	Certificate Course on Goods and Services Tax held from August 17-28, 2020
	34	Sh. Navya Malhotra	Chartered Accountant	Partner & Indirect Tax Head, V K Dhingra & Co. Chartered Accountants	Certificate Course on Goods and Services Tax held from August 17-28, 2020
	35	Sh. Piyush Bansal	Chartered Accountant	Piyush Bansal & Associates	Certificate Course on Goods and Services Tax held from August 17-28, 2020
	36	Sh. Tejinder Sharma	Professor	Department of Commerce, Kurukshetra University	Webinar on the ‘Building Self-Reliant India in Post COVID-19 Regime’ held on May 19, 2020
	37	Dr. Hamendra Kumar Dangi	Associate Professor	Department of Commerce, Delhi School of Economics, University of Delhi	Webinar on the ‘Changing Paradigm of Research in COVID era’ held on May 12, 2020
Computer Science	38	Mr. Sameer Nigam	Machine Learning Trainer	Training and Educating	Webster’s Theme- ‘Computer Vision’, April 21- 22, 2021
Economics	39	Dr. Nishith Prakash	Associate Professor	University of Connecticut, Storrs, U.S.A	International Webinar on ‘Social Inclusion: Making Development Sustainable’, November 06, 2020.
	40	Dr. Aparajita Dasgupta	Assistant Professor	Ashoka University	International Webinar on ‘Social Inclusion: Making Development Sustainable’, November 06, 2020.
	41	Prof. Sunil Ashra	Professor	Management Development Institute	Webinar on ‘Union Budget 2021: Macroeconomic Impact and Employment Issue’, February 25, 2021.

English	42	Dr. Sami Ahmad Khan	Assistant Professor and Writer	Indraprastha University, Delhi	Academic and Creative Writing- Exploring new Vistas- October 6, 2020
	43	Dr Vivek Mishra	Deputy Director, Kalinga Institute, Bhubaneswar.	Kalinga Institute, Bhabaneswar	Academic and Creative Writing - Exploring new Vistas October 6, 2020
	44	Professor H.S Shivaprakash	Playwright, Poet and author	School of Arts and Aesthetics. Jawaharlal Nehru University	Cilappatikaram & the South Indian Epic Form, February 9, 2021
Geography	45	Dr Pawan K Joshi	Professor	School of Environmental Sciences (SES), Chairperson, Special Centre For Disaster Research (SCDR), JNU	Webinar on: Disaster Risk Reduction, March 05, 2021.
Hindi	46	Prof. Anand Prakash Tripathi	Professor and Head	Department of Hindi, Hari Singh Gaur Vishwavidyalay Sagar, M.P.	वशिव मातृभाषा दविस, January 09-10, 2021
	47	Prof. Karunashankar Upadhyay	Professor	Professor and Head, Department of Hindi Mumbai University, Mumbai	वशिव मातृभाषा दविस, January 09-10, 2021
	48	Dr. Shweta Dipti		Former HOD, Department of Hindi, Tribhuvan Vishwavidyalay Nepal	वशिव मातृभाषा दविस, January 09-10, 2021
	49	Dr. Taro Sindik		Hindi poet and Assistant Professor, Donyi polo Govt. College, Arunachal pradesh	वशिव मातृभाषा दविस, January 09-10, 2021
History	50	Lipika Sud	President, Guild of Designers and Artist	Guild of Designers and Artist	Webinar on 'Heritage: A source of Pride and Inspiration in Times of Crisis, October 16, 2020.
	51	B. P. Sahu,	Professor	Department of History, University of Delhi	Webinar on 'Religion and Societies during the First Millennium CE- An overview', February 19, 2021.
	52	Amar Farooqui	Professor	Department of History, University of Delhi	Webinar on 'Sources and the Historian: Some Early Writings on the Revolt, c. 1857-1880s', February 26, 2021.
	53	Mr. Anjani Kumar	IFS, Ambassador to Mali	Government of India	Online Alumni Meet, March 19, 2021.
	54	Mr. Ajeet Vasant	IAS, Chief Executive Officer, Zila Panchayat, Rajnandgaon, Chhattisgarh	Government of India	Online Alumni Meet, March 19, 2021.
Maths	55	Professor Anuradha Devi	Professor & Dean	Assam Royal Global University	Department's Annual Festival 'Infinity', March 01, 2021.

Physics	56	Dr. Seungbum Hong	Associate Professor	Korea advanced Institute of Science and Technology, Korea	Lecture, October 9, 2020
	57	Dr. Sian E Dutton	Reader	Cavendish lab., Department of chemistry, England	Lecture, October 9, 2020
	58	Dr. David Jeffrey Wineland	Physicist	National Institute of Standards and Technology, US	Lecture, December 4, 2020.
Political Science	59	Ujjwal Kumar Singh	Professor	Department of Political Science, University of Delhi	Constitution Day, November 26, 2020.
	60	Rekha Saxena,	Professor	Department of Political Science, University of Delhi	Republic Day Celebration, January 26, 2021.
	61	Sh. Sanjeev Kumar	Professor	Department of Political Science, University of Delhi	Annual Departmental Festival 'Renaissance', April 16, 2021.

Zoology	62	Professor Rup Lal	FNA, FNASc, FNAAS, FAMI, NASI Senior Scientist	Platinum Jubilee Fellow, The Energy and Resources Institute (TERI)	Webinar organized by the Department of Zoology on July 9, 2020 at 11 am on Zoom Platform titled, "Epidemiology, Detection, Treatment and Comparative Genomics of SARSCoV-2 and Managing Personal and Professional Life During COVID-19 Pandemic and Lockdown", under the aegis of DBT sponsored Star College Scheme
	63	Dr. Kumar Karitkey Yadav	Examiner of Patents & Designs	Patent Office, Delhi	A webinar organized by the Department of Zoology on July 11, 2020 at 11 am on Zoom Platform titled "Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing" under the aegis of DBT sponsored Star College Scheme
	64	Dr. Ishtiyak Ahmed	Education officer	CEC-BNHS	A webinar on, "Butterflies: The Winged Jewels", on September 10, 2020 in collaboration with Bombay Natural History Society & Conservation Education Centre Delhi as a sensitization program for students under Big Butterfly Month India 2020.
	65	Dr. (Prof.) Deep Dutta,	D.M. Endocrinology	FRCP, FACE	A webinar on "Plastics & Endocrine Disruption: A 21st Century Update", on September 24, 2020 under the aegis of DBT Star College Scheme
	66	Dr. Anupma Harshal W.	Consultant, Science Communication and Public engagement	MANAV- The Human Atlas Initiative, IISER, Pune	A webinar on "How to Read Scientific Literature & Introduction to MANAV- The Human Atlas Initiative", under the aegis of DBT Star College Scheme on February 24, 2021 from 11:00 a.m.
	67	Dr. Devjani De	Head, Microbiology	Dr. Dang's Lab	A webinar on "Combating the millennium pandemic: Diagnostics & Infection prevention" was held on September 18, 2020 under the aegis of IQAC
	68	Dr. Pooja Tanwer	Research Associate, and DAAD Fellow	I.I.T. Delhi	A webinar on "Online Guidance Program Regarding Entrance Examinations for Higher Studies & Scholarships in Biological Sciences" for undergraduate students on June 16, 2020 under the aegis of IQAC.

FACULTY ACHIEVEMENTS

1. Department of Business Economics

B.A (Hons.) in Business Economics is essentially an application-based course with inter-disciplinary approach for tackling business problems. The structure of the course aims to develop analytical skills in the students which enable them to understand Business world and Economic scenario in a practical way. The students learn to analyze & synthesise information to evaluate business opportunities from local as well as global economic perspectives to make sound business decisions.

I. Dr. Shivani Gupta

She has served/participated in:

- i. Participated in the Webinar on “Redefining Marketing” held on March 4, 2021 at 5 PM on ZOOM- online platform, conducted by the Department of Business Economics, Shivaji College, University of Delhi.
- ii. Participated in the Webinar on “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 by the Department of Economics, Shivaji College, University of Delhi.
- iii. Participated in the International Webinar on “Social Inclusion: Making Development Sustainable” held on November 06, 2020 at 5 PM on Zoom - online platform conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.
- iv. Participated in FDP on “Ict Enhanced Teaching Learning and Creating Moocs” conducted by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, University of Delhi from August 18-25, 2020.
- v. Participated in the International Webinar on “Environment, Gender and Climate Change” held on July 28, 2020 at 6 PM on Zoom - online platform conducted by Department of Botany, Shivaji College, University of Delhi.

II. Ms. Urvashi Sahitya

She has served/participated in:

- i. Co-Convener, Annual Department fest “Invoke 2021”.
- ii. Convener of Finance and Investment Cell, Shivaji College
- iii. Convener of Footloose, the Dance society of Shivaji College
- iv. Participated in FDP on “Microsoft tools for creating effective teaching and learning environment” organised by DME Management School on July 5, 2020-July 11, 2020.
- v. Participated in Webinar on “Bhartiya sanskriti aur mulya organised by NSS society, Shivaji College on July 17, 2020
- vi. Participated in Webinar on “LGBTI aur samaj ki Bhumika” NSS society, Shivaji College on July 18, 2020
- vii. Participated in FDP on “Online teaching learning using lms- moodle” organised by Guru Angad Dev Teaching Learning Centre Government of India MHRD on July 17, 2020- July 18, 2020
- viii. Participated in FDP on “Transforming teaching learning process using ict tools” by DAV College on July 23- 25, 2020

- ix. Participated in Webinar on “Mandala Art therapy” organised by NSS society, Shivaji College on July 21, 2020
- x. Participated in Webinar on “Impact centric research funding opportunities and challenges in framing a successful research proposal” by Institute of disaster management and FICCI on July 11, 2020
- xi. Participated in Webinar on “Failure is not the End of Life” by NSS society, Shivaji College on August 28, 2020
- xii. Participated in Webinar on “Kalanjali revering art and Indian culture” by NSS society, Shivaji College on August 14, 2020
- xiii. Participated in FDP on “Data analysis for scientific research” 12th and 13th September 2020 by Prince Sri Venkateswara Arts and Science College, Chennai and sultan chand and sons on September 12, 2020 - September 13, 2020
- xiv. Participated in Webinar on “Digital Revolution What do we know about it?” by Department of Business Economics, Shivaji College on October 9, 2020.
- xv. Participated in Webinar on “Investor Awareness and the role of Regulators” Organised by Department of Commerce, Shivaji College on February 5, 2021
- xvi. Participated in Webinar on: “Women Warriors in Defence Forces: From Boots on Ground to Flying Fighter Jets” Organised by NSS, Shivaji College on 13 February 2021
- xvii. Participated in Webinar On “Redefining Marketing” by Department of Business Economics on March 4, 2021
- xviii. Participated in Webinar on:” Emotional well-being” Organised by NSS, Shivaji College on March 16, 2021
- xix. Participated in Webinar On “India 2030: The Road Ahead” Department of Business Economics on April 17, 2021
- xx. Participated in Add on course on “Legal Awareness” Organised by West Delhi Legal Services Authority and Placement Cell, Shivaji College from January 18, 2021 to February 17, 2021

III. Dr. Parul Behl

- i. Convener, Annual Department fest “Invoke 2021”
- ii. Participated in National Webinar-1 “Impact Centric Research: Funding opportunities and challenges in framing successful research proposal” on July 11, 2020.
- iii. Participated in a Webinar on citations and reference management using Mendeley by BVICAM, New Delhi on August 14, 2020.
- iv. Participated in Webinar on “Digital Revolution What do we know about it?” by the Department of Business Economics, Shivaji College on October 9, 2020.
- v. Participated in Webinar On “Redefining Marketing” by Department of Business

Economics on March 4, 2021.

- vi. Participated in Webinar On “India 2030: The Road Ahead” Department of Business Economics on April 17, 2021

IV. Ms. Aditi Gupta

She has served/participated in:

- i. Co-Convener, Annual Department fest ‘Invoke 2021’.
- ii. Convener of Reverb, Shivaji College.
- iii. Participated in Webinar on “Digital Revolution What do we know about it?” by the Department of Business Economics, Shivaji College on October 09, 2020.
- iv. Participated in Webinar on “Redefining Marketing” by Department of Business Economics on March 4, 2021.
- v. Participated in Webinar on “Emotional well-being” organised by NSS, Shivaji College on March 16, 2021
- vi. Participated in Webinar On “India 2030: The Road Ahead” Department of Business Economics on April 17, 2021

2. DEPARTMENT OF BOTANY

- i. The Department of Botany is one of the hard working, innovative and pioneering departments in Shivaji College. The faculty members work tirelessly which has led the department to attain its academic excellence. Currently 13 faculty members from varied disciplines of Botany are imparting knowledge and are involved in developing all-round skills amongst the students. The department has various research projects, and is regularly organising field trips, summer internships, workshops, seminars and others, to name a few.

1. Dr. Anuradha Mal

She has served as:

- i. Convener, Diamond Jubilee Celebrations Committee
- ii. Convener, DBT Star College Scheme, Department of Botany.
- iii. TIC B.Sc. Life Science
- iv. Member Entrepreneurship Development Cell
- v. Organising secretary of International Webinar “Environment gender and climate change” organised by Department of Botany, Shivaji College, University of Delhi on July 28, 2020.
- vi. Organising Committee Member of JUNIPER-2020, the Annual Botanical Fest organised by Fragrance, the Botanical Society, Department of Botany, Shivaji College on April 24, 2020.

- vii. Organising secretary of the four week Inter-College, Online summer training on “Tools and Techniques in Plant Sciences: Morphology to Metabolome”, organised by Department of Botany, Shivaji College, University of Delhi on July 6-31, 2020.
- viii. Convener of the workshop for Laboratory Assistants/ Attendants in Chemical and Life Sciences, organised by Shivaji College, University of Delhi on February 8-15, 2021.
- ix. Convener of Workshop for School Teachers in Biological and Chemical Sciences training programme was organised from March 22-26, 2021 in the labs of Shivaji College under DBT-Star College Scheme sponsored by Department of Biotechnology.
- x. Member of the organising committee of National Webinar “Decolourization and detoxification of textile water using laccases of *Cyathus bulleri*” organised by Department of Botany, Shivaji College, University of Delhi on January 21, 2021.
- xi. Member of the organising committee of National Webinar “Impact of coronaviruses on human central nervous system: latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi on January 16, 2021.

II. Dr. Anita Kapur

She has served as:

- i. Teacher-in-charge, EVS
- ii. Nodal Officer of Shivaji College
- iii. Nodal Officer of Admission committee
- iv. Convener of Green Environmental committee
- v. Member of Building committee
- vi. Member of Academic committee
- vii. Member of IQAC core committee
- viii. Member of Diamond Jubilee Celebrations committee
- ix. Member of screening committee of best student’s award
- x. Member of the organising committee of National Webinar “Decolourization and detoxification of textile water using laccases of *Cyathus bulleri*” organised by Department of Botany, Shivaji College, University of Delhi on January 21, 2021.
- xi. Member of the organising committee of National Webinar “Impact of coronaviruses on human central nervous system: latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi on January 16, 2021.
- xii. Member of the organising committee of International Webinar “Environment gender and climate change” organised by Department of Botany, Shivaji College, University of Delhi on July 28, 2020.
- xiii. Organising Committee Member of JUNIPER-2020, the Annual Botanical Fest organised by Fragrance, the Botanical Society, Department of Botany, Shivaji College on April

24, 2020.

- xiv. Resource Person in the four week Inter-College, Online summer training on “Tools and Techniques in Plant Sciences: Morphology to Metabolome”, organised by Department of Botany, Shivaji College, University of Delhi on July 6-31, 2020.
- xv. Resource Person in the workshop for Laboratory Assistants/ Attendants in Chemical and Life Sciences, organised by Shivaji College, University of Delhi on February 8-15, 2021.
- xvi. Resource person in Workshop for School Teachers in Biological and Chemical Sciences training programme was organised from March 22-26, 2021 in the labs of Shivaji College under DBT-Star College Scheme sponsored by Department of Biotechnology.

III. Dr. Vijay Kumar

He has served as:

- i. Resource Person for Summer Training Internship on “Tools and Techniques in Plant Sciences: Morphology to Metabolome” organised by Department of Botany, Shivaji College under the Aegis of DBT Star College Scheme from July 6-31, 2020.
- ii. Member Organising Committee, International Webinar on “Environment, Gender & Climate” organised by Botany Department, Shivaji College under the Aegis of DBT Star College Scheme on July 28, 2020.
- iii. Member Organising Committee, National Webinar on “ Impact of Coronaviruses on Human Central nervous System: Latest updates and trends” organised by Botany Department, Shivaji College on January 16, 2021.
- iv. Member Organising Committee, National Webinar on impact of “Decolorization and Detoxification of Textile water using Laccases of *Cyathus bulleri*” organised by Botany Department, Shivaji College on January 21, 2021.
- v. Convenor, Annual Fest of Ecoclub, Peepal 2021 that was organised from April 12-22, 2021. Following three On-line student’s activities: (i) Video Making Competition (ii) Eco Art Competition (iii) e-Environmental Quiz; and Virtual visit to Yamuna Biodiversity Park was organised.
- vi. Participated in National Webinar on “Tinkering with Plant Genomes” organised by Botany Department, Miranda House on July 6, 2020
- vii. Participated in International Webinar on “The Importance of Historical Ecology for Interpreting Processes of Evolution in Plants of Oceanic Islands” organised by Department of Life Sciences, Mansarovar Global University, Bhopal on September 11, 2020.

IV. Dr. Pratima Rani Sardar

She served as:

- i. Co- convener, DBT Star College Scheme
- ii. Convener, Website Committee
- iii. Member WDC
- iv. Chief Editor of Star College Magazine - Aster
- v. Convener of International Webinar “Environment gender and climate change” organised by Department of Botany, Shivaji College, University of Delhi on July 28, 2020.
- vi. Organising Committee Member of JUNIPER-2020, the Annual Botanical Fest organised by Fragrance, the Botanical Society, Department of Botany, Shivaji College on April 24, 2020.
- vii. Progress co-ordinator of the four-week Inter-College, Online summer training on “Tools and Techniques in Plant Sciences: Morphology to Metabolome”, organised by Department of Botany, Shivaji College, University of Delhi on July 6-31, 2020.
- viii. Co-convener of the workshop for Laboratory Assistants/ Attendants in Chemical and Life Sciences, organised by Shivaji College, University of Delhi on February 8-15, 2021.
- ix. Co- convener of Workshop for School Teachers in Biological and Chemical Sciences training programme was organised from March 22-26, 2021 in the labs of Shivaji College under DBT-Star College Scheme sponsored by Department of Biotechnology.
- x. Member of the organising committee of National Webinar “Decolourization and detoxification of textile water using laccases of *Cyathus bulleri*” organised by Department of Botany, Shivaji College, University of Delhi on January 21, 2021.
- xi. Member of the organising committee of National Webinar “Impact of Coronaviruses on human central nervous system: latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi on January 16, 2021.

V. Dr. Prabhavathi V

She has served as:

- i. Garden Committee Convenor
- ii. Time Table Committee Member
- iii. Project Investigator of Projects under the DBT Star College Project Scheme. (2021- 2022): “Relevance of Literature Review as a Research Methodology” - Dr. Kiran Bamel and Dr. Prabhavathi.
- iv. “Immunity Boosting Health Promotion Measures Using Alternative Sytem of Medicine for Covid 19” – Dr. Prabhavathi and Dr. Kiran Bamel.
- v. Organising committee member organising National Webinar on “Decolorization and Detoxification of Textile water using Laccases of *Cyathusbulleri*” on January 21, 2021 Dept. of Botany, Shivaji College.

- vi. Organising committee member organising National Webinar on “Impact of Corona virus on Human Central Nervous System: Latest updates and trends” on January 16, 2021 Dept. of Botany, Shivaji College.
- vii. Organising member- International Webinar on “Environmental Gender and Climate change” on July 20, 2020, Dept of Botany, Shivaji College.
- viii. Resource person for Summer Training Programme on “Tools and Techniques in Plant Sciences: Morphology to Metabolome” July 6-31, 2020. Dept of Botany, Shivaji College, Under DBT Star College scheme.
- ix. Resource person for Inter College Laboratory Skill Training programme for Assistants/ Attendants in the Chemical and Life Science Laboratories. Shivaji College, February 8-15, 2021.
- x. Participated in the Webinar series on “Intellectual Property Rights: creating value from intellect, innovation and invention” Department of Botany, Maitreyi College, April 20-24, 2021.
- xi. Participated in “International Immunology Day” on April 29, 2021 organised by Kirori Mal College.
- xii. Participated in the Webinar on “Intellectual Property Rights in India and its Career Prospects” organised by Department of Botany, Maitreyi College, University of Delhi held on January 28, 2021.
- xiii. Participated in the National Workshop on ‘Bioinformatics and Biostatistics: A Beginner’s Guide’ Department of Biochemistry, Shivaji College January 16, 2021- January 20, 2021.
- xiv. Participated in One-Day National Level Workshop on Various Aspects of Research Funding, Academic Writing and Publication Ethics organised by Research Cell, Shivaji College (University of Delhi), New Delhi, India on 30th January, 2021.
- xv. Participated in the National Webinar on “Cyber Hygiene for Virtual Teaching Platforms” organised by Department of Botany under the aegis of Internal Quality Assurance Cell, Maitreyi College, University of Delhi held on October 3, 2020.
- xvi. Participated in the Workshop on “Create Your Own Garden” organised by Gargi College, University of Delhi, from November 5-7, 2020.
- xvii. Participated in a Webinar entitled “Epidemiology, Detection, Treatment and Comparative Genomics of SARS-CoV-2 and Managing Personal and Professional Life during COVID-19 Pandemic and Lockdown” on July 9, 2020. Department of Zoology, Shivaji College, under the aegis of DBT Star College Scheme.
- xviii. Participated in the National Webinar-I “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” held on July 11, 2020.

- xix. Participated in the FDP in “ICT Enhanced Teaching Learning and Creating MOOCS” Under MHRD, PMMMNMTT, organised by Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, Delhi University, from August 18-25, 2020.
- xx. Participated in the FDP in “Pedagogical Training for Effective Online Teaching and Learning” organised by DDU College, Delhi University and K.T.M.T College, Nashik, from August 3-10, 2020.
- xxi. Participated in the FDP: in “Opensource Tools for Research” organised by Teaching Learning Centre Ramanujan College, DU, Sponsored by MHRD, PMMMNM on Teachers and Teaching, from June 8th to June 14th 2020.
- xxii. Published Book Chapter: Bamel Kiran and Prabhavathi: Dopamine in Plant Development and Redox Signaling. In Neurotransmitters in Plants Signaling and Communication. Springer. ISBN 978-3-030-54477-5 (Print) - ISBN 978-3-030-54478-2 (eBook) September, 2020.

VI. Dr. Smita Tripathi

She has served as:

- i. Convenor of Online Workshop on “Mushroom Cultivation” organised by Department of Botany, Shivaji College, University of Delhi on March 6, 2021.
- ii. Organised Virtual Visit to Yakult Danone Plant, Sonipat via MS teams for students of Botany (H), 6th semester on February 25, 2021.
- iii. Resource Person in four week Inter College Online Summer Training Internship on “Tools and Techniques in Plant Sciences: Morphology to Metabolome”, organised by Department of Botany, Shivaji College, University of Delhi under the aegis of DBT sponsored Star College Scheme from July 6-31, 2020.
- iv. Completed Two weeks FDP on “Advanced Concepts for Developing MOOCS” organised by Teaching Learning Centre, Ramanujan College and sponsored by Ministry of Human Resource Management under Pandit Madan Mohan Malviya National Mission on Teachers Teaching from July 2-17, 2020.
- v. Completed “Your Vegetable Garden” three-week online certificate course organised by BNHS, India from June 13-July 6, 2020.
- vi. Successfully completed Two weeks FDP on “Indian Knowledge System in Contemporary Education & Practices” organised by Department of Contemplative & Behavioural Sciences, Sri Sri University, Cuttack in collaboration with CPDHE, UGC-HRDC, University of Delhi from November 5 –19, 2020.
- vii. Participated in five days online Entrepreneurship and FDP on Edible Mushrooms-From Lab to Farm organised by Department of Microbiology, Shaheed Rajguru College of

Applied Sciences for Women, University of Delhi from 15th-19th February, 2021.

- viii. Completed 2.5 hrs of online Certificate course by Udeemy on Herbalism: Identify & Harvest Common Wild Medicinal Plants on August 8, 2020.

VII. Dr. Kiran Bamel

She has served as:

- i. Project Investigator of Minor Research Project: Intramural Research Scheme of Research Cell Shivaji College- “Yield Estimation of Baby Corn (*Zea Mays* L.) using Mathematical Modelling” (Sanctioned in February, 2021)
- ii. Project Investigator of projects under the DBT star College Project scheme (2021-22):
- iii. ‘Relevance of Literature Review as a Research Methodology’- Dr Kiran Bamel and Dr Prabhavathi
- iv. ‘Immunity Boosting Health Promotion Measures Using Alternative System of Medicine for COVID-19’- Dr Prabhavathi and Dr Kiran Bamel
- v. Resource person for Inter College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories. Shivaji College, February 8-15, 2021.
- vi. Resource person for Summer Training Programme on “Tools and Techniques in Plant Sciences: Morphology to Metabolome” July 6-31, 2020. Dept of Botany, Shivaji College, Under DBT Star College scheme.
- vii. Organising committee member of online workshop on “Mushroom Cultivation on March 6, 2021 organised by the Department of Botany, Shivaji College.
- viii. Organising committee member of National Webinar on “Decolorization and Detoxification of Textile water using Laccases of *Cyathus bulleri*” on January 21, 2021 Department of Botany, Shivaji College.
- ix. Organised and participated in One-Day National Level Workshop on ‘Various Aspects of Research Funding, Academic Writing and Publication Ethics’ organised by Research Cell, Shivaji College (University of Delhi), New Delhi, India on January 30, 2021.
- x. Organising committee member of National Webinar on “Impact of Coronavirus on Human Central Nervous System: Latest updates and trends” on January 16, 2021 Dept. of Botany, Shivaji College.
- xi. Organised and participated in the National Webinar- I “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell Shivaji College, University of Delhi on July 11, 2020.
- xii. Organising committee member- International Webinar on “Environmental Gender and Climate change” on July 20, 2020, Dept of Botany, Shivaji College.
- xiii. Successfully completed One Week Online FDP on ‘Systematic Literature Review and Meta-Analysis’ organised by Teaching Learning Centre Ramanujan College, University

of Delhi Sponsored By Ministry Of Human Resource Development Pandit Madan Mohan Malviya National Mission On Teachers And Teaching (PMMMNMTT) of MHRD from May 6 to May 12, 2021.

- xiv. Successfully Completed the National One Week Online Faculty Training Program On “Pedagogical Training for Effective Online Teaching and Learning” Organised by Deen Dayal Upadhyay College, University of Delhi And K.T.H.M College, Nashik under Internal Quality Assurance Cell And DBT Star College Program from August 3-10, 2020.
- xv. Participated in Webinar series on “Intellectual Property Rights: creating value from intellect, innovation and invention” Department of Botany, Maitreyi College, April 20-24, 2021.
- xvi. Participated in the International Conference on “Effective Strategies for Biodiversity Conservation” organised by the Department of Botany, Daulat Ram College, University of Delhi, on March 23-24, 2021.
- xvii. Participated in the workshop on “Screening of Natural Compounds by Molecular Docking, ADMET and Toxicity Studies: Hands on Training” organised by the Phytomics, The Botanical society of Bhaskaracharya College of Applied Sciences, University of Delhi, held on February 27, 2021.
- xviii. National workshop on: ‘Bioinformatics and Biostatistics: A Beginner’s Guide’ Department of Biochemistry, Shivaji College January 16, 2021- January 20, 2021.
- xix. Participated in Two Day National e-Conference on “Plant Science Research: Relevance, Funding, Challenges and Opportunities” (January 16- 17, 2021) organised by Department of Botany, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.
- xx. International Webinar on ‘The Importance of Historical Ecology for Interpreting Processes of Evolution in Plants of Oceanic Islands’ organised by the Department of Life Sciences, Mansarovar Global University, Bhopal, Madhya Pradesh, India on September 11, 2020 as a part of Bhopal Chapter of The National Academy of Sciences, India.
- xxi. Participated in Workshop for ‘Empowering Teaching through Online Mode (JNU-WETOM IV) on the theme ‘Going Online: Classroom, Field Work & Research’ held on July 11-12, 2020.
- xxii. Participated in a National Webinar on “Tinkering with Plant Genomes” organised on July 6, 2020 by Department of Botany, Miranda House, University of Delhi.
- xxiii. Published Book Chapter: Bamel Kiran and Prabhavathi: Dopamine in Plant Development and Redox Signaling. In Neurotransmitters in Plants Signaling and Communication. Springer. ISBN 978-3-030-54477-5 (Print) - ISBN 978-3-030-54478-2 (eBook) September, 2020.

VIII. Dr. Misha Yadav

She has served as:

- i. Teacher In-Charge, Department of Botany Shivaji College from April 1-30, 2021.
- ii. Convenor, National Webinar on “Impact of Coronavirus on Human Central Nervous System: Latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi held on January 16, 2021.
- iii. Convenor, National Webinar on “Decolorization and detoxification of textile waste waters using laccases of *Cyathus bulleri*” organised by Department of Botany, Shivaji College, University of Delhi held on January 21, 2021.
- iv. Convenor, Online Workshop on “Mushroom Cultivation” organised by Department of Botany, Shivaji College, University of Delhi on March 6, 2021.
- v. Resource Person in Four - week Summer Training Programme on “Tools and Techniques in Plant Sciences: Morphology to Metabolome” Department of Botany, Shivaji College, University of Delhi, Under DBT Star College Scheme organised from July 6 - July 31, 2020.
- vi. Member, Organising Committee of International Webinar on “Environment, Gender & Climate Change” organised by Department of Botany, Shivaji College, University of Delhi under the aegis of DBT sponsored Star College Scheme, organised on July 28, 2020.
- vii. Organised online Industrial visit to Yakult Danone India Pvt. Ltd., Sonipat for Students of B.Sc. Botany Hons Sem-VI on February 25, 2021.
- viii. Completed two-weeks FDP on “Advanced Concepts for Developing MOOCs” organised by Teaching Learning Centre (TLC), Ramanujan College, University of Delhi, under the aegis of MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), from July 02 - July 17, 2020.
- ix. Completed two-weeks FDP on “Managing Online Classes and Co-Creating MOOCs 3.0” organised by Teaching Learning Centre (TLC), Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi, under the aegis of MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), from July 25 - August 10, 2020.
- x. Participated in a National Webinar titled “Tinkering with Plant Genomes” organised by Department of Botany, Miranda House, University of Delhi, on July 6, 2020.
- xi. Participated in Webinar titled “Colors in Nature” organised by Department of Botany, Kirori Mal College, under DBT Star College Scheme, University of Delhi, on August 22, 2020
- xii. Participated in National Webinar on “Cyber hygiene for virtual learning platforms” organised by Botany Department, under the aegis of Internal Quality Assurance Cell,

Maitreyi College, University of Delhi held on October 3, 2020.

- xiii. Participated in a Webinar titled “Referencing & Citation Tools- Mendeley” organised by Siva Sivani Institute of Management, Telangana conducted in Association with Elsevier on January 8, 2021.
- xiv. Participated in a Webinar on “Issues of Mental Health: Strengthening the Mind and Empowering the Woman” organised by Women’s Development Cell, Shivaji College on January 15, 2021
- xv. Participated in Webinar on “Plant diversity: It’s importance in Conservation” organised by Botanical Society, Deshbandhu College, University of Delhi Department (under the aegis of Internal Quality Assurance Cell) on January 29, 2021
- xvi. Participated in One-Day National Level Workshop entitled “ Various Aspects of Research Funding, Academic Writing and Publication Ethics” organised by Research Cell, Shivaji College, University of Delhi on January 30, 2021
- xvii. Participated in Webinar on “How to Read Scientific Literature & Introduction to MANAV – The Human Atlas Initiative” and successfully completed the online evaluation including the English proficiency test organised by Department of Zoology in association with the Department of Biotechnology, Govt. of India, IISER Pune, organised on February 24, 2021
- xviii. Participated in a National Webinar on “Application of Nanotechnology in Sustainable Production of Horticultural Crops” organised by Department of Science, Lady Irwin College, New Delhi on the National Science Day, February 28, 2021.
- xix. Participated in a Webinar on “Arbuscular mycorrhiza: A promise for sustainable cultivation of crops” by Prof Rupam Kapoor, Department of Botany, University of Delhi, organised by the Department of Botany, Deshbandhu College under the aegis of IQAC and DBT Star College Scheme on March 3, 2021.
- xx. Participated in the 3 day International Webinar Series on “Understanding Flora from Aquatic Ecosystems: Towards better conservation & Sustainable Use” jointly organised by the Department of Botany, Deshbandhu College, University of Delhi, New Delhi, INDIA (Under the aegis of IQAC and ‘DBT Star College’ Scheme) and the Institute of Ocean and Earth Sciences, Universiti Malay a, Kuala Lumpur, MALAYSIA from March 26 – 28, 2021.
- xxi. She was a member of the following Staff Council Committees of Eco-Club, Internal Assessment Committee and Student Advisory Committee for year 2020-2021.

IX. Dr. Seema Talwar

She has served as:

- i. Member of the organising committee of National Webinar “Decolourization and detoxification of textile water using laccases of *Cyathus bulleri*” organised by Department of Botany, Shivaji College, University of Delhi on January 21, 2021.

- ii. Member of the organising committee of National Webinar “Impact of coronaviruses on human central nervous system: latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi on January 16, 2021.
- iii. Member of the organising committee of International Webinar “Environment gender and climate change” organised by Department of Botany, Shivaji College, University of Delhi on July 28, 2020.
- iv. Organising Committee Member of JUNIPER-2020, the Annual Botanical Fest organised by Fragrance, the Botanical Society, Department of Botany, Shivaji College on April 24, 2020.
- v. Resource Person in the four week Inter-College, Online summer training on “Tools and Techniques in Plant Sciences: Morphology to Metabolome”, organised by Department of Botany, Shivaji College, University of Delhi on July 6- 31, 2020.
- vi. Resource Person in the workshop for Laboratory Assistants/ Attendants in Chemical and Life Sciences, organised by Shivaji College, University of Delhi on February 8-15, 2021.
- vii. Resource person in Workshop for School Teachers in Biological and Chemical Sciences training programme was organised from March 22-26, 2021 in the labs of Shivaji College under DBT-Star College Scheme sponsored by Department of Biotechnology.
- viii. Participated in a Webinar on “Arbuscular Mycorrhiza: a promise for sustainable cultivation of crops” organised by the Department of Botany, Deshbandhu College on March 3, 2021.
- ix. Participated in a National e-conference on “Plant Science Research: Relevance, funding, challenges and opportunities” organised by the Department of Botany, Hansraj College on January 16-17, 2021.
- x. Participated in a Webinar on “Legume diversity in India” organised by the society of Ecological Research and Natural Resources Management (SERNRM), on June 30, 2020.
- xi. Participated in an International Webinar on “Innovations and practices in biological and environmental sciences” on June 28, 2020.
- xii. Participated in a Webinar on “Medicinal Plants: Eternal Source of Health and Wellness”, organised by the Department of Botany, Swami Shraddhanand College, University of Delhi, on June 17, 2020.
- xiii. Participated in an International Webinar on “Environment and human interaction effects in post COVID 19 era” organised by the Department of Botany and Department of Zoology, M.M.H. College Ghaziabad on June 8-9, 2020.
- xiv. Participated in a Webinar on the theme “Constructive Living and Education in the times of Corona Crisis”, organised by Shivaji College, University of Delhi, on May 13, 2020.

X. Dr. Nupur Mondal

She has served as:

- i. Organising Committee Member of JUNIPER-2020, the Annual Botanical Fest organised by Fragrance, the Botanical Society, Department of Botany, Shivaji College on April 24, 2020.
- ii. Served as an organiser in Webinar on ‘Biodiversity and Public Health’ organised by Eco Club, Shivaji College in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on May 19, 2020.
- iii. Resource person in Workshop for School Teachers in Biological and Chemical Sciences training programme was organised from March 22-26, 2021 in the labs of Shivaji College under DBT-Star College Scheme sponsored by Department of Biotechnology.
- iv. Participated in the International Webinar on ‘Surviving the Pandemic Crisis: Stress and Lifestyle Management’ organised by NSS Unit, Shivaji College, University of Delhi held on June 27, 2020.
- v. Participated in the National Webinar on ‘Legume Diversity in India’ organised by Society for Ecological Research and Natural Resources Management (SERNRM) held on June 30, 2020.
- vi. Participated in One-Day National Level Workshop on ‘Various Aspects of Research Funding, Academic Writing and Publication Ethics’ organised by Research Cell, Shivaji College, University of Delhi on January 30, 2021.

XI. Dr. Divya Mohanty

She has served as:

- i. Organising Committee Member of International Webinar on “Environment, Gender & Climate Change” organised by Department of Botany, Shivaji College, University of Delhi under the aegis of DBT sponsored Star College Scheme, organised on July 28, 2020.
- ii. Organising Committee Member of National Webinar on “Impact of Coronavirus on Human Central Nervous System: Latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi held on January 16, 2021.
- iii. Organising Committee Member of National Webinar on “Decolorization and detoxification of textile wastewaters using laccases of *Cyathus bulleri*” organised by Department of Botany, Shivaji College, University of Delhi held on January 21, 2021.
- iv. Organising Committee Member of Online Workshop on “Mushroom Cultivation” organised by Department of Botany, Shivaji College, University of Delhi on March 6, 2021.
- v. Organising Committee Member of JUNIPER-2020, the Annual Botanical Fest organised by Fragrance, the Botanical Society, Department of Botany, Shivaji College on April

24, 2020.

- vi. Resource Person in Four-week Summer Training Programme on “Tools and Techniques in Plant Sciences: Morphology to Metabolome” Department of Botany, Shivaji College, University of Delhi, Under DBT Star College Scheme organised from July 6-31, 2020.
- vii. Resource person for Inter College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories. Shivaji College, February 8-15, 2021.
- viii. Resource person in Workshop for School Teachers in Biological and Chemical Sciences training programme was organised from March 22-26, 2021 in the labs of Shivaji College under DBT-Star College Scheme sponsored by Department of Biotechnology.
- ix. Participated in the National Webinar on “Biodiversity and Public Health” organised by Eco Club, Shivaji College, University of Delhi, in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on May 19, 2020.
- x. Participated in the National Webinar on “Biodiversity and Man” organised by the Department of Botany, Dyal Singh College, University of Delhi, in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on June 5, 2020.
- xi. Participated in International Webinar on “COVID-19: truths and myths, organised by Internal Quality Assurance Cell Acharya Narendra Dev College, University of Delhi on June 9, 2020.
- xii. Participated in Webinar on “Medicinal Plants: Eternal Source of Health and Wellness”, organised by the Department of Botany, Swami Shraddhanand College, University of Delhi, on June 17, 2020.
- xiii. Participated in National Webinar I entitled “ Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi on July 11, 2020.
- xiv. Participated in a Webinar on “Floriculture and Terrace Gardening” organised by Mahatma Gandhi Institute for Combating Climate Change, BAKoli, DLehi-36 on August 7, 2020.
- xv. Participated in a Webinar titled “Colors in Nature” organised by Department of Botany, Kirori Mal College, under DBT Star College Scheme, University of Delhi, on August 22, 2020.
- xvi. Participated in International Webinar on ‘The Importance of Historical Ecology for Interpreting Processes of Evolution in Plants of Oceanic Islands organised by the Department of Life Sciences, Mansarovar Global University, Bhopal, Madhya Pradesh, India on September 11, 2020 as a part of Bhopal Chapter of The National Academy of Sciences, India.
- xvii. Participated in the National e-conference on “Plant Science Research: Relevance,

funding, challenges and opportunities” organised by the Department of Botany, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi on January 16-17, 2021.

- xviii. Participated in National workshop on: ‘Bioinformatics and Biostatistics: A Beginner’s Guide’ organised by Department of Biochemistry, Shivaji College January 16-20, 2021.

XII. Dr. Anurag Maurya

- i. Organising Committee Member of International Webinar on “Environment, Gender & Climate Change” organised by Department of Botany, Shivaji College, University of Delhi under the aegis of DBT sponsored Star College Scheme, organised on July 28, 2020.
- ii. Organising Committee Member of National Webinar on “Impact of Coronavirus on Human Central Nervous System: Latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi held on January 16, 2021.
- iii. Organising Committee Member of National Webinar on “Decolorization and detoxification of textile wastewaters using laccases of *Cyathus bulleri*” organised by Department of Botany, Shivaji College, University of Delhi held on January 21, 2021.
- iv. Organising Committee Member of Online Workshop on “Mushroom Cultivation” organised by Department of Botany, Shivaji College, University of Delhi on March 6, 2021.
- v. Organising Committee Member of JUNIPER-2020, the Annual Botanical Fest organised by Fragrance, the Botanical Society, Department of Botany, Shivaji College on April 24, 2020.
- vi. Resource Person in Four-week Summer Training Programme on “Tools and Techniques in Plant Sciences: Morphology to Metabolome” Department of Botany, Shivaji College, University of Delhi, Under DBT Star College Scheme organised from July 6-31, 2020.
- vii. Resource person for Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories. Shivaji College, February 8-15, 2021.
- viii. Maurya, A., Singh, M. K., & Kumar, S. (2020). Biofiltration technique for removal of waterborne pathogens. In *Waterborne Pathogens* (pp. 123-141). Butterworth-Heinemann
- ix. Singh, M. K., Maurya, A., & Kumar, S. (2020). Bioaugmentation for the treatment of waterborne pathogen contamination water. In *Waterborne Pathogens* (pp. 189-203). Butterworth-Heinemann
- x. Kumar, S., Gupta, A. K., Maurya, A., & Singh, M. K. (2020). Chemical treatment for removal of waterborne pathogens. In *Waterborne Pathogens* (pp. 205-218). Butterworth-Heinemann

XIII. Dr. Devender S. Meena

- i. Organising Committee Member of International Webinar on “Environment, Gender & Climate Change” organised by Department of Botany, Shivaji College, University of Delhi under the aegis of DBT sponsored Star College Scheme, organised on July 28, 2020.
- ii. Organising Committee Member of National Webinar on “Impact of Coronavirus on Human Central Nervous System: Latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi held on January 16, 2021.
- iii. Organising Committee Member of National Webinar on “Decolorization and detoxification of textile wastewaters using laccases of *Cyathus bulleri*” organised by Department of Botany, Shivaji College, University of Delhi held on January 21, 2021.
- iv. Organising Committee Member of Online Workshop on “Mushroom Cultivation” organised by Department of Botany, Shivaji College, University of Delhi on March 6, 2021.
- v. Organising Committee Member of JUNIPER-2020, the Annual Botanical Fest organised by Fragrance, the Botanical Society, Department of Botany, Shivaji College on April 24, 2020.
- vi. Resource Person in Four-week Summer Training Programme on “Tools and Techniques in Plant Sciences: Morphology to Metabolome” Department of Botany, Shivaji College, University of Delhi, Under DBT Star College Scheme organised from July 6 - 31, 2020.
- vii. Resource person for Inter College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories. Shivaji College, February 8-15, 2021.

3. DEPARTMENT OF BIOCHEMISTRY

B.Sc. (H) Biochemistry is one of the premium three-year undergraduate degree courses offered by University of Delhi. The Department of Biochemistry is well equipped with basic as well as advanced instruments, and the faculty members regularly keep themselves abreast of the advancements in the frontiers of science. The experiential learning of the students of the department is enhanced by conducting Summer Training Programs, Project work, additional practicals, etc., under the aegis of the Star College Scheme, sponsored by the Department of Biotechnology, Government of India.

I. Dr. Neena R. Wadehra

She has served as:

- i. Resource Person in Inter College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, February 8-15, 2021
- ii. Resource Person for the Workshop for School Teachers in Biological and Chemical Science organised by Department of Biochemistry, Shivaji College, University of Delhi

from March 22-26, 2021.

- iii. Member of Organising Committee for Online Alumni Meet-2021 held on March 13, 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi.
- iv. Member of Organising Committee of Annual Academic Festival: BIOCHAPERONES 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021.

II. Dr. Rashmi Wardhan

She has served as:

- i. Coordinator, IQAC, Shivaji College, University of Delhi
- ii. Resource Person, in Inter College Laboratory Skill Training Programme for
- iii. Assistants/Attendants in the Chemical and Life Science Laboratories, February 8-15, 2021
- iv. Resource Person for the Workshop for School Teachers in Biological and Chemical Science organised by Department of Biochemistry, Shivaji College, University of Delhi from March 22-26, 2021.
- v. Member of Organising Committee for Online Alumni Meet-2021 held on March 13, 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi.
- vi. Member of Organising Committee of Annual Academic Festival: BIOCHAPERONES 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021.
- vii. She has published/co-published the following papers:
- viii. Rashmi Wardhan. Pathological Markers for Brucellosis, a Bacterial Challenge: A Review. *Journal of Advanced Medicine and Medical Research*.32(18),98-106(2020), ISSN: 2456-8899
- ix. Rashmi Wardhan, Padmshree Mudgal. Understanding the predisposing risk factors of young suicide. *International Journal of Research in Medical Sciences*. 2020 Dec;8(12):4530-4537.pISSN 2320-6071 | eISSN 2320-6012.
- x. Rashmi Wardhan, A. Tanwar & Anil K Gupta. Understanding the complexity of Multiple Sclerosis: A short communication. *Journal of Life Sciences (J Life Sci.)* Vol. 2, No. 4, December 2020:67-76. ISSN 2688-1020,
- xi. Padmshree Mudgal and Rashmi Wardhan, The increased risk of elderly population in India in COVID-19 pandemic. *International Journal of Health Sciences and Research* (www.ijhsr.org).10(10),166-175(2020), ISSN -2249-9571.

III. Dr. Darshan Malik

She has served as:

- i. Coordinator of DBT sponsored Star College Scheme 2019-2022.

- ii. Teacher-in-Charge, Department of Biochemistry, 2020-21
- iii. Coordinator of Summer Training Program on “Research Methodology”, organised by Department of Biochemistry, Shivaji College under the DBT sponsored Star College Scheme held from June 18-30, 2020.
- iv. Coordinator of International Webinar entitled “Using Oligonucleotides as drugs: The story of siRNA, ASO and Aptamers” organised by Department of Biochemistry, Shivaji College, University of Delhi on September 25, 2020.
- v. Coordinator of the International Webinar entitled “The Malleable Brain” organised by Department of Biochemistry, Shivaji College, University of Delhi on October 10, 2020.
- vi. Coordinator of online workshop entitled “*Drosophila melanogaster*: A beginner’s guide to culturing and maintenance” organised by Department of Biochemistry, Shivaji College, University of Delhi on November 12, 2020.
- vii. Coordinator of Mentoring session of Mentored Colleges for applying to DBT sponsored Star College Scheme, held on February 5 and 17, 2021
- viii. Coordinator and resource person for Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, organised under the aegis of Star College Scheme from February 8-15, 2021.
- ix. Coordinator of Online Alumni Meet-2021 held on March 13, 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi.
- x. Coordinator for the Workshop for School Teachers in Biological and Chemical Science organised by Department of Biochemistry, Shivaji College, University of Delhi from March 22-26, 2021.
- xi. Convener of Annual Academic Festival: BIOCHAPERONES 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021.
- xii. Research Project undertaken:
- xiii. Title: To assess cardiorespiratory functions & its correlation with Quetlet’s Index and other relevant health parameters. Sponsored by DBT, Govt. of India (May 2019-May 2022).
- xiv. Title: Generation of Green Energy using a Microbial Fuel Cell. Sponsored by DBT, Govt. of India (May 2019-May 2022).

IV. Dr. Jayita Thakur

She has served as:

- i. Co-Convener, Department of Biochemistry, DBT Sponsored Star College Scheme, 2019-2022.
- ii. Member, Women’s Development Cell, Shivaji College
- iii. Member, Purchase Committee, Shivaji College

- iv. Program Coordinator of Summer Training Program on “Research Methodology”, organised by Department of Biochemistry, Shivaji College under the DBT sponsored Star College Scheme held from June 18-30, 2020.
- v. Webinar Coordinator of International Webinar entitled “Using Oligonucleotides as drugs: The story of siRNA, ASO and Aptamers” organised by Department of Biochemistry, Shivaji College, University of Delhi on September 25, 2020.
- vi. Co-Convener, SCS, Department of Biochemistry, for the International Webinar entitled “The Malleable Brain” organised by Department of Biochemistry, Shivaji College, University of Delhi on October 10, 2020.
- vii. Resource Person, of online workshop entitled “*Drosophila melanogaster*: A beginner’s guide to culturing and maintenance” organised by Department of Biochemistry, Shivaji College, University of Delhi on November 12, 2020.
- viii. Resource Person, for Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, organised under the aegis of Star College Scheme from February 8-15, 2021.
- ix. Member of Organising Committee for Online Alumni Meet-2021 held on March 13, 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi.
- x. Resource Person, for the Workshop for School Teachers in Biological and Chemical Science organised by Department of Biochemistry, Shivaji College, University of Delhi from March 22-26, 2021.
- xi. Member, Organising Committee of Annual Academic Festival: BIOCHAPERONES 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021.
- xii. Coordinator, virtual lab tour of the research labs of the Regional Centre for Biotechnology (RCB), Faridabad, India was conducted by Dr. Saikat Bhattacharya on April 16, 2021 at 5 PM, on MS Teams virtual platform.
- xiii. Coordinator, virtual lab tour of the research labs at the Jawaharlal Nehru University (JNU), Delhi, India was conducted by Dr. Souvik Bhattacharya on April 15, 2021 at 1 PM, on MS Teams virtual platform.
- xiv. She has participated in the following:
- xv. Participated in International Webinar Lecture Series on “Non-Invasive Cancer Diagnosis and Prognosis “organised by Department of Biochemistry, Deshbandhu College, University of Delhi on October 17, 2020.
- xvi. Participated in International Webinar Lecture Series on “Understanding Pathophysiology and Therapeutic Strategies for Neurological Disorders”, organised by Department of Biochemistry, Deshbandhu College, University of Delhi on October 29, 2020.

- xvii. Research Project undertaken:
- xviii. Title: To assess cardiorespiratory functions & its correlation with Quetlet's Index and other relevant health parameters. Sponsored by DBT, Govt. of India (May 2019-May 2022).
- xix. Title: Generation of Green Energy using a Microbial Fuel Cell. Sponsored by DBT, Govt. of India (May 2019-May 2022).

V. Dr. Renu Baweja

She has served as:

- i. Co-convener (Sciences) Admission Committee, Shivaji College
- ii. Member, Centre for Promotion of Inclusivity, Shivaji College
- iii. Convener, Department of Biochemistry, Star College Scheme, Shivaji College
- iv. Member, Editorial Board, 97th Annual report, University of Delhi
- v. Convener and Supervisor of Summer Training Program on "Research Methodology", organised by Department of Biochemistry, Shivaji College under the DBT sponsored Star College Scheme held from June 18-30, 2020
- vi. Convener of the International Webinar entitled "Using Oligonucleotides as drugs: The story of siRNA, ASO and Aptamers" organised by Department of Biochemistry, Shivaji College, University of Delhi on September 25, 2020.
- vii. Convener of the International Webinar entitled "The Malleable Brain" organised by Department of Biochemistry, Shivaji College, University of Delhi on October 10, 2020.
- viii. Convenor and Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT's Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi, Ring Road, Raja Garden, New Delhi-110027.
- ix. Programme Coordinator of "Educational Book Donation Drive" for under-privileged children in collaboration with Society for attaining vibrant Earth (S.A.V.E.) an N.G.O under the Umbrella of N.S.S. of Shivaji College from March 12-26, 2021
- x. Coordinator of VIRTUAL TOUR of Research Lab of Indian Institute of Science Education and Research (IISER) Mohali held on June 12, 2021, 3:00 PM to 5:30 PM under DBT sponsored Star College Scheme of Shivaji College, University of Delhi.
- xi. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT's Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi, Ring Road, Raja Garden, New Delhi-110027.
- xii. Resource Person for mentoring the Colleges for applying to DBT-Star College Scheme on February 05 and February 17, 2021 respectively through virtual mode.
- xiii. Workshop Co-ordinator of Online Hands-on Training Workshop on Bioinformatics and

Biostatistics under DBT Star College Scheme for faculty members and young biologists on January 16-20, 2021.

- xiv. Member, Organising Committee of Annual Academic Festival: BIOCHAPERONES 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021.
- xv. Member of Organising Committee for Online Alumni Meet-2021 held on March 13, 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi.

She has participated in the following:

- i. Online five-day workshop on Moodle: An online Learning management System organised by the Department of Biochemistry, held from July 01- 05, 2020
- ii. National one-week online Faculty Training Program on “Pedagogical Training on effective online teaching and learning” organised by Deen Dayal Updhyaya College, University of Delhi and K.T.H.M. College NASHIK from August 03-10, 2020
- iii. One-week online FDP on “ICT enhanced teaching learning and creating MOOCs”, organised by Shivaji College in collaboration with Ramanujan College from August 18-25, 2020.
- iv. One week FDP organised by GAD-TLC, S.G.T.B, Khalsa College, University of Delhi under PMMMNMTT of MHRD from September 12-20, 2020
- v. One week FDP on “Systematic Literature Review and Meta-Analysis” organised by TLC, Ramanujan College, University of Delhi under PMMMNMTT of MHRD from May 06-12, 2021

Research Project undertaken:

- i. Project Investigator of Project entitled “Study of variation in hematological parameter/s among youth and their correlation with diseases” under DBT-Star College Scheme, Shivaji College, University of Delhi since May, 2019.

VI. Dr. Sunita Singh

She has served as:

- i. Convener, Women’s Development Cell, Shivaji College

Webinars conducted as Convener:

- ◇ Issues of Mental Health: Strengthening the mind and empowering the Women Webinar sponsored by National Commission for Women (NCW) organised on January 15, 2021. Talks delivered by Dr. (Mrs.) Archana Thakur (Joint Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi), Dr. Shashi Nijhawan (Former Principal, Shivaji College, University of Delhi), Ms. Nalini Kaushal (Executive Chairperson, SetuWorks, Mumbai) and Ms. Shalini Chetal (Joint commissioner, Municipal Corporation, Hisar, Haryana).
- ◇ Webinar on “Let’s Talk, Periods” on November 12, 2020. Invited talks by Ms.

Deane de Meanze (Founder of the Community Red is the New Green, Queen's Younf Leader Awardee) and Mr. Sobhan Mukherjee (Padman of Kolkata).

- ◇ Webinar on "Stress Management in the Times of Covid-19 Pandemic" organised on July 22, 2020. Talk delivered by Dr. Rajesh Nagpal, Neuropsychiatrist & Psychotherapist, Manobal Klinik, New Delhi.
 - ◇ Webinar on India Mind Matters - Coping with Stress on May 11, 2020. Talk delivered by Dr. Virat Chirania, Executive/Life Coach and Regional Director for Youth Programs at The Art of Living Foundation, Mumbai, Maharashtra, India.
 - ◇ International Webinar on "Psychological Well-Being and COVID 19: An Internal Journey" organised by the Women's Development Cell (WDC) under the aegis of IQAC on May 07, 2020. The invited talks delivered by Dr. Shiv Kumar Sarin (Director, Institute of Liver and Biliary Sciences (ILBS), New Delhi, India), Dr. Shashi Goyal (Member of Ontario Psychological Association, Clinical & Counselling Psychologist, Canada), Dr. R E Aravind Raj (Department of Psychiatric Social work, National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru, India) and Dr. Meena Rathee (Office of Disaster Resilience, Department of Health, Trenton, New Jersey, US).
- ii. Workshop Co-ordinator of Online Hands-on Training Workshop on Bioinformatics and Biostatistics under DBT Star College Scheme for faculty members and young biologists on January 16-20, 2021.
 - iii. Organising Secretary of the One-week online FDP on ICT enhanced teaching learning & creating MOOCs organised by Shivaji College, University of Delhi in Collaboration with Teaching Learning Centre and Research Development and Service Cell, Ramunajan College, DU from August 18-25, 2020.
 - iv. Member, Organising Committee of Annual Academic Festival: BIOCHAPERONES 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021.
 - v. Member of Organising Committee for Online Alumni Meet-2021 held on March 13, 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi.
 - vi. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT's Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi, Ring Road, Raja Garden, New Delhi-110027.
 - vii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT's Star College Scheme held from February 08-15, 2021 at Shivaji College, University of Delhi, Ring Road, Raja Garden, New Delhi-110027.

She has participated in the following training programs:

- i. Six-Day Online FDP on “Teaching and Learning of NMR Spectroscopy for Structure Determination” organised by Department of Chemistry and the Teaching Learning Centre, NIT Warangal in association with TEACHING LEARNING CENTRE (A Higher Education Teaching Learning Scheme Under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching) from February 19-24, 2021.
- ii. One Week Online FDP on “Intellectual Property Rights” organised by IQAC, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre (MHRFDC), Hansraj College during February 10-17, 2021.
- iii. Workshop on Research Methodology (RM-1) on the theme ‘Research for Resurgence’ organised by Centre for Professional Development in Higher Education (CPDHE), UGC-Human Resource Development Centre, University of Delhi, Delhi from September 10–16, 2020.
- iv. One-week online FDP on ICT enhanced teaching learning & creating MOOCs organised by Shivaji College, University of Delhi in Collaboration with Teaching Learning Centre and Research Development and Service Cell, Ramunajan College, DU from August 18-25, 2020.
- v. Short term course on Gender Sensitization organised by UGC-Human Resource Development, University of Hyderabad (UoH), Hyderabad from July 27—August 01, 2020.
- vi. FDP on ICT Enhanced Teaching and Learning 2.0, organised by IQAC, Sri Venkateswara College from July 25-29, 2020.

VII. Dr. Usha Yadav

She has served as:

- i. Member, Women’s Development Cell, Shivaji College
- ii. Member of Shivaji College NAAC team 2020.
- iii. Program Coordinator of Summer Training Program on “Research Methodology”, organised by Department of Biochemistry, Shivaji College under the DBT sponsored Star College Scheme held from June 18- 30, 2020.
- iv. Resource Person, for Inter College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, organised under the aegis of Star College Scheme from February 8-15, 2021.
- v. Member of Organising Committee for Online Alumni Meet-2021 held on March 13, 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi.
- vi. Resource Person, for the Workshop for School Teachers in Biological and Chemical Science organised by Department of Biochemistry, Shivaji College, University of Delhi from March 22-26, 2021.
- vii. Member, Organising Committee of Annual Academic Festival:

BIOCHAPERONES 2021, organised by Department of Biochemistry, Shivaji College, University of Delhi on April 6, 2021.

- viii. Member of Organising committee of one-week online FDP on “ICT enhanced teaching learning and creating MOOCs”, organised by Shivaji College in collaboration with Ramanujan College from August 18-25, 2020.
- ix. Organising committee member of the International Webinar entitled “The Malleable Brain” organised by Department of Biochemistry, Shivaji College, University of Delhi on October 10, 2020.
- x. Organising committee member of online workshop entitled “*Drosophila melanogaster*: A beginner’s guide to culturing and maintenance” organised by Department of Biochemistry, Shivaji College, University of Delhi on November 12, 2020.
- xi. Organising team member of five-day National Workshop with hands-on training through virtual platform on “Bioinformatics and Biostatistics: A Beginner’s Guide” organised by Department of Biochemistry, Shivaji College, University of Delhi from January 16-20, 2021.

She has participated in the following training programs:

- i. International Webinar on “Environmental Gender and Climate Change” organised by Research Cell, Shivaji College, University of Delhi on July 28, 2020.
- ii. National Webinar on “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi on July 11, 2020.
- iii. One-week online FDP on “ICT enhanced teaching learning and creating MOOCs”, organised by Shivaji College in collaboration with Ramanujan College from August 18-25, 2020.
- iv. Webinar entitled “Combating the Millennium Pandemic: Diagnostics and Infection Prevention” organised by Department of Zoology, Shivaji College, University of Delhi on September 18, 2020.
- v. International Webinar entitled “Using Oligonucleotides as drugs: The story of siRNA, ASO and Aptamers” organised by Department of Biochemistry, Shivaji College, University of Delhi on September 25, 2020.
- vi. Webinar on the Response of the DBT’s Autonomous Institutes to COVID-19 (Part-III) organised by India Alliance on October 15, 2020.

4. Department of Chemistry

Chemistry is referred to as “Central Science” because an understanding of materials at a molecular level unpins research and development from Biology to Physics. The Department of Chemistry has well equipped laboratories with required chemicals for conducting regular practical classes

as well as research activities. Rastantrum, the chemical society of Shivaji College, is an active society, which tries to maintain a perfect balance between academics and fun.

I. Dr. Manjula Singh

She has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.

II. Dr. Anil K. Aggarwal

He has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Convenor of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in

National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.

- iv. Organiser of Webinar entitled ““Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

III. Dr. P. K. Sahu

He has served as:

- i. Project Investigator of the minor project titled “To analyse the soil samples for the humidity content and amount of Ca/Mg present in the soil samples” under DBT Star College Scheme of Shivaji College, University of Delhi. (Ongoing)
- ii. Convenor of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- iii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iv. Convenor of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- v. Organiser of Webinar entitled ““Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- vi. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vii. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate

Change 3.0: It's now or never" held on November 2, 2020.

- viii. Convenor of Inter-College Laboratory Skill Training Programme was organised for Assistants/Attendants in the Chemical and Life Science Laboratories from February 8-15, 2021.
- ix. Convenor of a five-day "Workshop for school teachers in Biological and Chemical Sciences" was organised from March 22-26, 2021.
- x. Convenor of Online Workshop on the topic "Riveting Story of Molecular Modeling" on April 10, 2021, on Zoom platform.

IV. Dr. Rajni Kanojia

She has served as:

- i. Organiser of Webinar on the topic "National Education Policy (NEP)-2020 for Quality Higher Education" by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled "The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic" by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic "Correlation of Environmental Chemistry in National Education Policy" by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled "Environmental challenges in front of society in current scenario and future strategies" by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic "Alzheimer's Disease- Facts, Challenges & Opportunities" by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest "Rastantrum '20" on the theme "Climate Change 3.0: It's now or never" held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT's Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT's Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.
- ix. She has participated in the following program:
- x. "Fourth JNU Workshop for Empowering Teaching through Online Mode (JNU-WETOM IV)" on the Theme "Going Online: Classroom, Field work and Research" held on July 11-12, 2020.

She has Published/Co-published the following papers:

- i. Ahuja, P., Ujjain, S. K., Kanojia, R. & Attri, P. (2021). Transition Metal Oxides and Their Composites for Photocatalytic Dye Degradation. *J. Compos. Sci.* Vol 5:pp 82.

She has Published/Co-published the following chapter/book:

- i. Ujjain, S. K., Ahuja, P. & Kanojia, R. (2021). Chapter titled “Electrochemical Studies of Green Corrosion Inhibitors” in the book “Theory and Applications of Green Corrosion Inhibitors”, published by Materials Research Forum LLC, Millersville, PA, pp. 204-232.
- ii. Ujjain, S. K., Ahuja, P. & Kanojia, R. (2021). Chapter titled “Green Corrosion Inhibitor for Electronics” in the book “Theory and Applications of Green Corrosion Inhibitors”, published by Materials Research Forum LLC, Millersville, PA, pp. 91-126.

V. Mr. Mahendra Kumar Meena

He has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

He has participated in the following program:

- i. National Webinar entitled “Promotional Avenues for Teachers in Higher Education: CAS Regulatios-2018” organised by Guru Angad Dev Teaching learning Centre SGTB Khalsa College, University of Delhi Pandit Madan Mohan Malviya National Museum on Teachers and Teaching (PMMMNMTT) scheme of MHRD held on September 05, 2020.

He has Published/Co-published the following papers:

- i. Kumar, D., Meena, M. K., Kumari, K., Patel, R., Jayaraj, A. & Singh, P. (2020). In-silico prediction of novel drug-target complex of nsp3 of CHIKV through molecular dynamic simulation. *Heliyon* Vol 6:pp e04720.
- ii. Meena, M. K., Kumar, D., Kumari, K., Kaushik, N. K., Kumar, R. V., Bahadur, I., Vodwal, L. & Singh, P. (2021) Promising inhibitors of nsp2 of CHIKV using molecular docking and temperature-dependent molecular dynamics simulations. *Journal of Biomolecular Structure and Dynamics*. DOI: 10.1080/07391102.2021.1873863.
- iii. Meena, M. K., Kumar, D., Jayaraj, A., Kumar, A., Kumari, K., Katata-Seru, L. M., Bahadur, I., Kumar, V., Sherawat, A. & Singh, P. (2020) Designed thiazolidines: an arsenal for the inhibition of nsP3 of CHIKV using molecular docking and MD simulations. *Journal of Biomolecular Structure and Dynamics*. DOI: 10.1080/07391102.2020.1832918.

VI. Dr. Bhaskar Mohan Kandpal

He has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Convenor of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.

- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT's Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT's Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

VII. Dr. Neena Khanna

She has served as:

- i. Organiser of Webinar on the topic "National Education Policy (NEP)-2020 for Quality Higher Education" by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled "The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic" by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic "Correlation of Environmental Chemistry in National Education Policy" by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Convenor of Webinar entitled "Environmental challenges in front of society in current scenario and future strategies" by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic "Alzheimer's Disease- Facts, Challenges & Opportunities" by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest "Rastantrum '20" on the theme "Climate Change 3.0: It's now or never" held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT's Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT's Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

VIII. Dr. N. G. Giri

He has served as:

- i. Project Investigator of the project titled "Effect of soil pH on germination of seeds and plant growth" under DBT Star College Scheme of Shivaji College, University of Delhi. (Ongoing)
- ii. Organiser of Webinar on the topic "National Education Policy (NEP)-2020 for Quality

Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.

- iii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iv. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- v. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- vi. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vii. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- viii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- ix. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

He has presented the following posters/papers:

- i. Gave an oral presentation on the topic “Effect of soil pH on germination and growth of *Triticum aestivum* and *Zea mays*” in the International Interdisciplinary Virtual Conference on “DRUG DISEASE AND DEVELOPMENT” jointly organised by Department of Chemistry and IQAC Mungasaji Maharaj Mahaviyalaya, Darwaha, India on December 09-10, 2020.
- ii. Gave an oral presentation on the topic “Effect of soil pH on germination and growth of *Triticum aestivum* and *Zea mays*” in the international Conference on “Rethinking Science for Sustainable Development (RSSD 2021)” organised by Department of Chemistry, Rajdhani College, University of Delhi on April 20-21, 2021.
- iii. Gave an oral presentation on the topic “Effect of soil pH on germination and growth of *Triticum aestivum* and *Zea mays*” in the international Conference on “Rethinking Science for Sustainable Development (RSSD 2021)” organised by Department of Chemistry, Rajdhani College, University of Delhi on April 20-21, 2021.

He has Published/Co-published the following papers:

- i. Singh, V. K., Giri, N. G., Abbas, N. S. & Shukla, S. K. (2020). Contemporary Advances

of Electrochemical sensors in Forensic Applications. *Journal of Forensic Chemistry and Toxicology* Vol 6(2): pp 131-138.

He has Published/Co-published the following chapter/book:

- i. Jaiswal, A. K, Giri, N. G. & Gupta, M. (2021). Practical Book, 'Forensic Chemistry and Toxicology', published by Selective and Scientific Books, New Delhi, First Ed., ISBN: 978-81-89128-98-2.

IX. Dr. Rahul Singhal

He has served as:

- i. Organiser of Webinar on the topic "National Education Policy (NEP)-2020 for Quality Higher Education" by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled "The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic" by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic "Correlation of Environmental Chemistry in National Education Policy" by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled "Environmental challenges in front of society in current scenario and future strategies" by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic "Alzheimer's Disease- Facts, Challenges & Opportunities" by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest "Rastantrum '20" on the theme "Climate Change 3.0: It's now or never" held on November 2, 2020.
- vii. Organising Committee Member and Coordinator of "Nav Bharat Nirman", India International Science Festival 2020 (IISF 2020) conducted from December 22-25, 2020 organised by Ministry of Science and Technology; Ministry of Earth Sciences, and Ministry of Health and Family Welfare, Govt. of India in collaboration with Vijnana Bharti (VIBHA) by Council of Scientific & Industrial Research (CSIR).
- viii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT's Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- ix. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT's Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

- x. He has participated in the following programs:
- xi. Online workshop on “Design, Develop and Deliver Online Courses with Moodle Learning Management System” organised by UGC-HRDC JNU, New Delhi on April 30, 2020 and May 01, 2020.
- xii. “Fourth JNU Workshop for Empowering Teaching through Online Mode (JNU-WETOM IV)” on the Theme “Going Online: Classroom, Field work and Research” held on July 11-12, 2020.
- xiii. National Workshop on “Learning Management System: Moodle” from July 27 – August 02, 2020 organised by the Department of Educational Technology, SNDT Women’s University, Mumbai, Teaching Learning Centre, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) scheme of MHRD.

X. Dr. Vandana Katoch

She has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Convenor of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

XI. Dr. Richa Arora

She has served as:

- i. Project Investigator of the project titled “Effect of soil pH on germination of seeds and plant growth” under DBT Star College Scheme of Shivaji College, University of Delhi. (Ongoing)
- ii. Co-convenor of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- iii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iv. Co-convenor of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- v. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- vi. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vii. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- viii. Co-convenor and Resource Person in Inter-College Laboratory Skill Training Programme was organised for Assistants/Attendants in the Chemical and Life Science Laboratories from February 8-15, 2021.
- ix. Resource Person for mentoring the colleges for applying to DBT-Star College Scheme on February 5 and February 17, 2021 respectively through virtual mode.
- x. Co-convenor and Resource Person in a five-day “Workshop for school teachers in biological and chemical sciences” was organised from March 22-26, 2021.
- xi. Co-Convenor and Resource Person of the Online Workshop on the topic “Riveting Story of Molecular Modeling” organised by the Department of Chemistry, Shivaji College, University of Delhi, under the aegis of DBT sponsored star College scheme on April 10, 2021.
- xii. Organiser of Virtual Tour of “CSIR LABS” held on April 21, 2021, being organised under DBT sponsored Star College Scheme of Shivaji College, University of Delhi.
- xiii. Resource person for “Careers in STEM and scholarship schemes floated by DST and DBT” on May 29, 2021 for 9th and 11th standard students of Jawahar Navodaya Vidyalaya, Faridkot under Vigyan Jyoti Scheme.

She has participated in the following programs:

- i. “Fourth JNU Workshop for Empowering Teaching through Online Mode (JNU-WETOM IV)” on the Theme “Going Online: Classroom, Field work and Research” held on July 11-12, 2020.
- ii. Webinar on “Computational Chemistry: A Modern Chemist’s Tool” organised by Department of Basic sciences and Humanities and ACS Student chapter of K. J. Somaiya Institute Engineering and Information Technology, Sion, Mumbai on July 23, 2020.
- iii. Two Days Online National Workshop entitled “Online Teaching-Learning using LMS - MOODLE” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on July 24-25, 2020.
- iv. National one-week online Faculty Training Program on “Pedagogical Training for Effective Online Teaching & Learning” organised by Deen Dayal Upadhyaya College, University of Delhi & K. T. H. M. College, Nashik under IQAC & DBT Star College Program from August 3-10, 2020.
- v. FDP on “ICT Enhanced Teaching Learning And Creating MOOCs” from August 18-25, 2020 by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi.
- vi. Webinar on “National education Policy (NEP) – 2020 and Higher Education: A Teacher’s Perspective” organised by NSS Rajdhani and Chemphilic Society of Rajdhani College, University of Delhi on October 03, 2020.
- vii. International Webinar on “The Malleable Brain” organised by the Department of Biochemistry, Shivaji College, under the aegis of DBT sponsored Star College Scheme on October 10, 2020.
- viii. One-week online FDP on “Moving Towards New Normal through Effective Online Teaching” organised by Kalindi College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi from December 01-07, 2020.
- ix. Webinar on “Learning fundamentals of publishing in quality journals” organised by the Sushant University, Gurugram in collaboration with Elsevier on May 26, 2021.

She has presented the following posters/papers:

- i. Gave an oral presentation on the topic “Effect of soil pH on germination and growth of *Triticum aestivum* and *Zea mays*” in the International Interdisciplinary Virtual Conference on “Drug Disease and Development” jointly organised by Department of Chemistry and IQAC Mungasaji Maharaj Mahaviyalaya, Darwha, India on December 09-10, 2020.

- ii. Gave an oral presentation on the topic “Effect of soil pH on germination and growth of *Triticum aestivum* and *Zea mays*” under the theme “Frontiers Area of Research-Chemical Sciences” in the Young Scientists’ Conference organised on December 22-24, 2020 as a part of India International Science Festival-2020 by the Ministry of Science and Technology, Ministry of Earth Sciences and Ministry of Health and Family Welfare, Govt. of India in collaboration with Vijnana Bharti (VIBHA).
- iii. Gave an oral presentation on the topic “Effect of soil pH on germination and growth of *Triticum aestivum* and *Zea mays*” in the international Conference on “Rethinking Science for Sustainable Development (RSSD 2021)” organised by Department of Chemistry, Rajdhani College, University of Delhi on April 20-21, 2021.
- iv. Gave an oral presentation on the topic “Effect of soil pH on germination and growth of *Triticum aestivum* and *Zea mays*” in the international Conference on “Rethinking Science for Sustainable Development (RSSD 2021)” organised by Department of Chemistry, Rajdhani College, University of Delhi on April 20-21, 2021.

She has completed following courses:

- i. Online non-credit course “Chemicals and Health”, authorised by Johns Hopkins University and offered through Coursera.
- ii. Online non-credit course “Drug Commercialization”, authorised by University of California San Diego and offered through Coursera.
- iii. Online non-credit course “Drug Development”, authorised by University of California San Diego and offered through Coursera.
- iv. Online non-credit course “Learning How to Learn: Powerful mental tools to help you master tough subjects”, authorised by McMaster University and University of California San Diego and offered through Coursera.
- v. Online non-credit course “Teaching in University Science Laboratories (Developing Best Practice)”, authorised by University of Amsterdam and offered through Coursera.

XII. Mr. Deepesh Singh

He has served as:

- vi. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- vii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- viii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.

- ix. Organiser of Webinar entitled ““Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- x. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- xi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- xii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- xiii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

He has participated in the following programs:

- i. “Fourth JNU Workshop for Empowering Teaching through Online Mode (JNU-WETOM IV)” on the Theme “Going Online: Classroom, Field work and Research” held on July 11-12, 2020.
- ii. FDP on “ICT ENHANCED TEACHING LEARNING AND CREATING MOOCs” from August 18-25, 2020 by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi.

XIII. Dr. Pooja Saluja

She has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled ““Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.

- v. Co-convenor of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 02, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.
- ix. She has participated in the following program:
- x. “Fourth JNU Workshop for Empowering Teaching through Online Mode (JNU-WETOM IV)” on the Theme “Going Online: Classroom, Field work and Research” held on July 11-12, 2020.
- xi. FDP on “ICT Enhanced Teaching Learning And Creating MOOCs” from August 18-25, 2020 by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi.

XIV. Dr. Shilpa Jain

She has served as:

- i. Project Investigator of the minor project titled “To analyse the soil samples for the humidity content and amount of Ca/Mg present in the soil samples” under DBT Star College Scheme of Shivaji College, University of Delhi. (Ongoing)
- ii. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- iii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iv. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- v. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- vi. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges &

- Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vii. Co-convenor of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
 - viii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
 - ix. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.
 - x. She has participated in the following program:
 - xi. FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” from August 18-25, 2020 by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi.

XV. Dr. Sunil Yadav

He has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.

- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT's Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.
- ix. He has Published/Co-published the following papers:
- x. Yadav, S., Vijayan, P., Yadav, S. & Gupta, R. (2021). Ruthenium complexes of phosphine–amide based ligands as efficient catalysts for transfer hydrogenation reactions. *Dalton Trans.* Vol 50: pp 3269–3279.
- xi. Varshneya, A., Kumara, A. & Yadav, S. (2021). Catalytic activity of bis p-nitro A2B (oxo)Mn(V) corroles towards oxygen transfer reaction to sulphides. *Inorganica Chimica Acta* Vol 514: pp 120013.

XVI. Mr. Narinder Kumar

He has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT's Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT's Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

XVII. Dr. Priyanka Kumari

She has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Co-convenor of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

XVIII. Dr. Pallavi Agarwal

She has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Co-convenor of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled “Environmental challenges in front of society in

current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.

- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College Scheme held from February 8-15, 2021 at Shivaji College, University of Delhi.

XIX. Dr. Uma Narang

She has served as:

- i. Organiser of Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- ii. Organiser of Webinar entitled “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on September 26, 2020, on Zoom platform.
- iii. Organiser of Webinar on the topic “Correlation of Environmental Chemistry in National Education Policy” by Dr. Balaram Pani, Dean of Colleges, University of Delhi on September 27, 2020, on Zoom platform.
- iv. Organiser of Webinar entitled “Environmental challenges in front of society in current scenario and future strategies” by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on October 09, 2020, on Zoom platform.
- v. Organiser of Webinar on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on October 17, 2020, on Zoom platform.
- vi. Organiser of Annual Chemistry Fest “Rastantrum ‘20” on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- vii. Resource Person of Workshop for School Teachers in Biological and Chemical Sciences under DBT’s Star College Scheme held from March 22-26, 2021 at Shivaji College, University of Delhi.
- viii. Resource Person of Inter-College Laboratory Skill Training Programme for Assistants/ Attendants in the Chemical and Life Science Laboratories, under DBT’s Star College

Scheme held from February 08-15, 2021 at Shivaji College, University of Delhi.

- ix. She has participated in the following program:
- x. FDP on “Ict Enhanced Teaching Learning and Creating Moocs” from August 18-25, 2020 by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi.

5. DEPARTMENT OF COMMERCE

The Department of Commerce at Shivaji College upholds the tradition of the University of Delhi in imparting excellent education. The Department provides a stimulating environment for an all-round development of the students. To expose the students to latest developments in financial and corporate sectors, the Department organises seminars, discussions and workshops on contemporary issues. Students are encouraged to take up the responsibility for organising academic and extracurricular events so as to enhance their administrative and leadership skills. The student society ‘KAIZEN’ organises multiple activities under the guidance of teachers throughout the year. The annual festival ‘Optimum’ which attracts wide participation from Universities across India is filled with innovatively organised events like Business Plan, paper presentation Mock stock, Quiz etc.

The editorial team of the annual Magazine “OPTIMUM” works hard to bring out the best expressions and knowledge of students on various topics in Business and Commerce.

I. Ms. Suman Kharbanda

She has served as

- i. Convenor of Placement Cell
- ii. Convenor of Website Committee
- iii. Member of IQAC

She has participated in

- i. One week FDP on “Hypothesis Testing and Techniques for Data Analysis” organised by Mahatma Hansraj Faculty Development Centre, Hansraj College during March 5-11, 2021.
- ii. Successfully completed with grade A+ one-week online FDP on “ICT Enhanced Teaching Learning and Creating MOOCS” organised by Shivaji College in collaboration with Ministry of HRD, PMMM National Mission of Teaching and Learning from August 18-25, 2020
- iii. National Webinar on “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi on July 11, 2020.
- iv. Completed online course on “Data Science: R Basics” offered by Harvard University, July 9, 2020.

II. Dr. Rabinarayan Samantara

Published the following papers:

- i. Samantara, R., and Dhawan, S. (2020). Corporate social responsibility in India: Issues and challenges. *IIMS Journal of Management Science*, 11(2), 91-103.
- ii. Samantara, R. (2020). International double taxation relief provisions in India: A critical analysis. *VISION: Journal of Indian Taxation*, 7(2), 45-58.
- iii. Samantara, R. (2020). Eco-tourism and entrepreneurship development in North-east India. *Mukt Shabd Journal*, IX(XI), 395-411.
- iv. Samantara, R. (2020). Tax system in India: Origin, structure and issues. *International journal of Research in Management and Social Science*, 8(12), 48-60.
- v. Samantara, R. (2020). A conceptual analysis of organisational effectiveness. *Mukt Shabd Journal*, IX(XII), 30-48.
- vi. Samantara, R. (2021). Tax Reforms in India. *International Journal of Research in Management and Social Science*, 9(1), 8-21.
- vii. Samantara, R. (2021). Taxation of agricultural income in India. *International Journal of Research in Management and Social Science*, 9(2), 1-12.
- viii. Samantara, R. (2021). Personal income taxes in India. *International Journal of Research in Management and Social Science*, 9(5), 1-16.
- ix. He has presented the following research papers in Internnatioal Conferences:
- x. “Organisational Citizenship Behaviour”, presented in FORE International Business Conference (FIBC) 2020, organised by FORE School of Management, New Delhi, during November 27-28, 2020.
- xi. “Organisational Justice: Antecedents and Consequences”, presented in FORE International Business Conference (FIBC) 2020, organised by FORE School of Management, New Delhi, during November 27-28, 2020.

III. Dr. Ramesh Kumar Malik

He has served as

- i. Organising committee member for One week (Online) Interdisciplinary FDP on “Hypothesis Testing and Techniques for Data Analysis” organised by Department of Commerce, Shivaji College, University of Delhi (Knowledge Partner: Department of Commerce, DSE, University of Delhi) in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi from March 5-11, 2021.
- ii. Convener of Webinar on “Strategies for India’s Economic Growth in VUCA World” organised by Department of Commerce held on September 29, 2020.

He has participated in

- i. Refresher Course on “Research Methodology for Faculty of Social Sciences” organised by UGC Human Resource Development Centre, University of Hyderabad from August 5-19, 2020.
- ii. 7 days National FDP on “Emerging Trends in Pedagogy in Languages, Literature and Social Sciences” organised by Teaching Learning Centre, Ramanujan College, University of Delhi and Shyama Prasad Mukherji College, University of Delhi from July 13-19, 2020.

Published following papers

- i. Gautam, S., Chadha, V., & Malik, R. K. (2020). Inter-linkages between real exchange rate and capital flows in BRICS economies. *Transnational Corporations Review*, 12(3), 219-236.

IV. Dr. Rajinder Singh

He has served as

- i. Convener of One Week Interdisciplinary Online FDP on “Hypothesis testing and Techniques for Data Analysis” organised by Department of Commerce, Shivaji College, University in of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi from March 5-11, 2021.
- ii. Convener of 9 Day Certificate Course on GST organised by Department of Commerce, Shivaji College in collaboration of Voice of CA held from August 17-28, 2020.

He has participated in

- i. 7 days National FDP on “Emerging Trends in Pedagogy in Languages, Literature and Social Sciences” organised by Teaching Learning Centre, Ramanujan College, University of Delhi and Shyama Prasad Mukherji College, University of Delhi under PMMMNMTT of MHRD from July 13-19, 2020
- ii. one week National FDP on “Development of Teachers’s e-Kit and MOOCs in Four Quadrant Format of e-Content” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD from September 12-20, 2020.
- iii. one week (online) Interdisciplinary FDP on “Intellectual Property Rights” organised by IQAC, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi under PMMMNMTT of MHRD from Feb 10-17, 2021.
- iv. National Webinar on “ICT Enables higher education in India: Challenges and Opportunities” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD on April 17, 2020 (Equivalent to regular National Seminar)
- v. National Webinar on “Challenges and Opportunities in Higher education in India for

the 21st Century” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD on May 8, 2020 (Equivalent to regular National Seminar)

Published following papers

- i. Kamna, S., Sharma, C., & Singh, R. (2020). PREDICTION OF MANAGERIAL FRAUD IN ICICI BANK. *Inspira- Journal of Modern Management & Entrepreneurship (JMME)*, 10(3), 224–231

V. Dr Kiran Chaudhary

She has been Speaker in

- i. Chaired a session in international conference on “Data Analytics and Management (ICDAM-2021) organised by Jan Wyzykowski University, Poland in association with Panipat Institute of Engineering and Technology and IIS held on 26th June, 2021
- ii. Invited talk on Social Media Marketing: Recent Trends, Pandit Madan Mohan Malaviya School of Commerce & Management Sciences, MGCU, Motihari, Bihar, March 5, 2021.
- iii. Invited talk on Social Media Marketing: Recent Trends, Delhi Productivity Council, Delhi, March 25, 2021.
- iv. Invited talk on Role of Social Media Marketing in Entrepreneurship, Two weeks National Level Online Workshop on Entrepreneurship Development Program for Building Manager, Department of Management, Christian Eminent College, Indore, MP, May 8, 2021.

She has participated in

- i. Refresher Course on “Research Methodology for Faculty of Social Sciences” organised by UGC Human Resource Development Centre, University of Hyderabad from August 5-19, 2020.
- ii. 7 days National FDP on “Emerging Trends in Pedagogy in Languages, Literature and Social Sciences” organised by Teaching Learning Centre, Ramanujan College, University of Delhi and Shyama Prasad Mukherji College, University of Delhi from July 13-19, 2020.

Published following papers

- i. Chaudhary, K., Alam, M., Al-Rakhami, M. S., & Gumaei, A. (2021). Machine learning-based mathematical modelling for prediction of social media consumer behavior using big data analytics. *Journal of Big Data*, 8(1), 1-20.

VI. Ms. Vanitha Chadha

She has served as

- i. Editor of book “Arthmanthan”, students research book published by SPADE, the Socio-

Economic Society of Shivaji College, University of Delhi, INDIA (ISBN: 978-81-950901-2-9)

She has participated in

- i. Online FDP on “Time Series and Panel data Analysis” organised by Teaching learning centre Ramanujan College in association with Indian Accounting Association from July 20-26, 2020.
- ii. Online FDP on “Financial Econometrics using EView” organised by Research Shiksha from July 8-12, 2020.

Presented following papers

- i. Presented the research paper titled ‘Month of Year Effect: An Empirical Evidence from BRICS Stock Markets’ in the online 12th International Conference on “Digitalization as Vehicle for Innovation, Organizational Growth and Effectiveness” held on December 19-20, 2020.
- ii. Presented a paper titled ‘An analysis of turn of month effect for BRICS Stock Markets’ in GLRC on the theme Responsiveness, Innovation and Resilience Critical Factors for Future Growth in Changing Socio-Political Environment held on February 25-26, 2021 and received best paper award for the session.

Published following papers

- i. Gautam, S., Chadha, V., & Malik, R. K. (2020). Inter-linkages between real exchange rate and capital flows in BRICS economies. *Transnational Corporations Review*, 12(3), 219-236.

VII. Ms. Manisha Rani

She has participated in

- i. Five days Hands on National Workshop on Moodle: An Online Learning Management System organised by Department of Biochemistry held from July 01-05, 2020.
- ii. One week Research Methodology Workshop organised by SHODH (Haryana) and Indian council for social science Research New Delhi from July 3-9, 2020.
- iii. One week FDP organised by IIMT College of Management, Greater Noida.UP and Dr. B.R. Ambedkar University of social science Mhow M.P from December December 16-22, 2020.
- iv. National Webinar on “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi on July 11, 2020
- v. 4-Week online Induction/Orientation Programme for “Faculty in Universities/ Colleges/ Institutes of Higher Education”, organised by Teaching Learning Centre, Ramanujan College, University of Delhi.

VIII. Ms. Manisha

She has served as:

- i. Organising Committee Member for One week (Online) Interdisciplinary FDP on “Hypothesis Testing and Techniques for Data Analysis” organised by Department of Commerce, Shivaji College, University of Delhi (Knowledge Partner: Department of Commerce, DSE, University of Delhi) in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi from March 5-11, 2021.

Participated in the following programmes:

- i. Webinar on “Emotional Well-Being” organised by NSS, Shivaji College, University of Delhi on March 16, 2021.
- ii. National Webinar on “Investor Awareness and the Role of Regulators” organised by Department of Commerce, Shivaji College, University of Delhi on February 5, 2021.
- iii. Webinar on “Migraine vs. Headache: Myths, Precautions and Treatment” organised by NSS, Shivaji College, University of Delhi on October 10, 2020.
- iv. National Webinar on ‘Strategies for India’s Economic Growth in VUCA World’ organised by Department of Commerce, Shivaji College, University of Delhi on September 29, 2020.
- v. Webinar on “New Education Policy 2020” organised by NSS, Shivaji College, University of Delhi on September 24, 2020.
- vi. She has completed a Certificate Course on GST - by Department of Commerce, Shivaji College, University of Delhi and Voice of Chartered Accountants from August 17-28, 2020.
- vii. One Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” organised by Shivaji College in collaboration with Teaching Learning Centre and Research Development and Services Cell, Ramanujan College, University of Delhi from August 18-25, 2020.
- viii. Online workshop on “Statistical Analysis using SPSS” organised by Research Shiksha, India on July 24-29, 2020.
- ix. Webinar Series on “Transforming Teaching Learning Process using ICT Tools” organised by IQAC, PGDAV College, University of Delhi on July 23-25, 2020.
- x. National Webinar on “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi on July 11, 2020.

IX. Dr. Chhavi Sharma

She has served as:

- i. Convenor and Faculty Advisor, Enactus Shivaji

- ii. Organising Committee Member for One week (Online) Interdisciplinary FDP on “Hypothesis Testing and Techniques for Data Analysis” organised by Department of Commerce, Shivaji College, University of Delhi (Knowledge Partner: Department of Commerce, DSE, University of Delhi) in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi from March 5-11, 2021.
- iii. She has received Life Membership of Indian Accounting Association, Delhi Branch on August 27, 2020.

Participated in:

- i. She has Completed Certificate Course on IND-AS Beginners-I (Webinar) from July 31 - August 2, 2020 organised by Deen Dayal Upadhyaya College, University of Delhi, Indian Accounting Association, Delhi Chapter & Voice of Chartered Accountants (NGO)(Regd.)
- ii. She has Completed Certificate Course on GST (Webinar) from August 17-28, 2020 organised by Department of Commerce (under the aegis of iqac), Shivaji College (University of Delhi) & Voice of Chartered Accountants (NGO)(Regd.).
- iii. One Week FDP on Research Methodology and Technology Led Paradigm shift in Teaching and Learning Process organised by IQAC, Research and Development Cell, PGDAV College (EVE.) in association with Buniyaad Educational Society, Delhi during) 04 to August 8, 2020.
- iv. One Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” organised by Shivaji College in collaboration with Teaching Learning Centre and Research Development and Services Cell, Ramanujan College, University of Delhi from August 18-25, 2020
- v. FDP on “New Normal in Accounting” organised by Amity Academic Staff College and Amity College of Commerce and Finance in association with Queen Mary University of London from March 15-19, 2021
- vi. Webinar Series (Basic) on “Transforming Teaching Learning Process using ICT Tools” organised by IQAC, PGDAV College, University of Delhi, from July 23-25, 2020.
- vii. National Webinar on “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi on July 11, 2020
- viii. Published following papers:
- ix. Kamna, S., Sharma, C., & Singh, R. (2020). PREDICTION OF MANAGERIAL FRAUD IN ICICI BANK. *Inspira- Journal of Modern Management & Entrepreneurship (JMME)*, 10(3), 224–231.

X. Ms. Supriya Kamna

She has served as:

- i. Resource person in Webinar Series (Basic) on “Transforming Teaching Learning Process using ICT Tools” from July 23-25, 2020 organised by IQAC, P.G.D.A.V. College, University of Delhi.
- ii. She has completed a 4-week self paced course on “Introduction to Corporate Sustainability, Social Innovation and Ethics” – by ImperialBusinessX, an online learning initiative of Imperial College Business School in July, 2020.
- iii. She has completed a 5-week self paced course on “Entrepreneurship in Emerging Economies” – by HarvardX, an online learning initiative of Harvard University in July, 2020.

Participated in:

- i. A 4 Week online Induction/Orientation Programme for “Faculty in Universities/ Colleges/ Institutes of Higher Education”, organised by Teaching Learning Centre, Ramanujan College, University of Delhi from June 4 – July 1, 2020.
- ii. National Webinar on “Investor Awareness and the Role of Regulators” organised by Department of Commerce, Shivaji College, University of Delhi on February 5, 2021.
- iii. Attended 2 days Faculty development Workshop on “Academic writing for high impact Journals” organised by GRFCG on September 26-27, 2020.
- iv. Webinar on “New Education Policy 2020” organised by NSS, Shivaji College, University of Delhi on September 24, 2020.
- v. One Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” organised by Shivaji College in collaboration with Teaching Learning Centre and Research Development and Services Cell, Ramanujan College, University of Delhi from August 18-25, 2020.
- vi. Webinar on ‘Strategies for India’s Economic Growth in VUCA World’ organised by Department of Commerce, Shivaji College, University of Delhi on September 29, 2020.
- vii. Two Week Online FDP on “COVID -19 New age teaching pedagogy: innovative tools, techniques and research methods for efficient business management teaching in digital era” from July 20-31, 2020 organised by Atal Bihari Vajpayee School of Management and Entrepreneurship Jawaharlal Nehru University, New Delhi.
- viii. One Day Premium Lecture entitled “Examination Reforms and Online Assessment Tools” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on July 12, 2020.
- ix. Webinar on “Publishing Conceptual and Literature review based papers in Quality Journals” organised by Department of Commerce, Shaheed Bhagat Singh College,

University of Delhi on July 11, 2020.

- x. National Webinar on “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi on July 11, 2020
- xi. One Week Online FDP on “Development and Management of MOOCs and Online Courses using LMS - MOODLE” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi from June 30 - July 4, 2020.
- xii. Published following papers:
- xiii. Kamna, S., Sharma, C., & Singh, R. (2020). PREDICTION OF MANAGERIAL FRAUD IN ICICI BANK. *Inspira- Journal of Modern Management & Entrepreneurship (JMME)*, 10(3), 224–231.

XI. Dr. Anubha

She has served as:

- i. Member, Editorial Board of magazine ‘Optimum’ published by department of Commerce, Shivaji College, University of Delhi, New Delhi.

Participated in:

- i. Participated in the Webinar on ‘Strategies for India’s Economic Growth in VUCA World’ organised by Department of Commerce, Shivaji College, University of Delhi on September 29, 2020.
- ii. Participated in Webinar on ‘Publishing Conceptual and Literature review based Papers in Quality Journals’ organised by Shaheed Bhagat Singh College, New Delhi on July 11, 2020.
- iii. National Webinar on “Investor Awareness and the Role of Regulators” Organised by Department of Commerce, Shivaji College, University of Delhi on February 5, 2021.

Received Awards

- i. Best paper award for research paper on “Online customers’ reviews insights based on sentiment analysis” in International e-Conference on Transition from Digital Inclusion to Digital Empowerment held at School of Business, Sharda University, Noida on November 26-27, 2020.
- ii. Best paper award for research paper on “Consumer Perceptual Mapping towards Insurance Plans: The Marketing analytics Approach” in International Conference on Business, IT and enterprise Architecture held at MDI, Murshidabad on 25th - 26th September, 2020.

XII. Ms. Shweta

She has served as:

- i. Editor of book “Arthmanthan” students research book published by SPADE, the Socio-

Economic Society of Shivaji College, University of Delhi, INDIA (ISBN: 978-81-950901-2-9)

- ii. Course Coordinator for One Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” organised by Shivaji College in collaboration with Teaching Learning Centre and Research Development and Services Cell, Ramanujan College, University of Delhi from August 18-25, 2020.

Participated in:

- i. One week (Online) Interdisciplinary FDP on “Hypothesis Testing and Techniques for Data Analysis” organised by Department of Commerce, Shivaji College, University of Delhi (Knowledge Partner: Department of Commerce, DSE, University of Delhi) in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi from March 5 – 11, 2021
- ii. Online Masterclass titled: Theory of the MNE: Foundations of Global Corporate Success taught by Prof Alain Verbeke on November 2-6, 2020, at the University of Reading.
- iii. Online Masterclass titled: Economics of International Business taught by Mark Casson on November 9 -13, 2020, at the University of Reading.
- iv. Online FDP on “Time Series and Panel data Analysis” Organised by Teaching learning centre Ramanujan College in association with Indian Accounting Association from July 20-26, 2020.
- v. Online FDP on “Financial Econometrics using EView” Organised by Research Shiksha from July 8-12, 2020.
- vi. Webinar on “Understanding Bibliometric Analysis using Biblioshiny” Organised by Shaheed Bhagat Singh College, University of Delhi July 01, 2020.

Published following papers:

- i. Gautam, S., & Lal, M. (2020). Entrepreneurship and Economic Growth: Evidence from G-20 Economies. *Journal of East-West Business*, 1-20. <https://doi.org/10.1080/10669868.2020.1859427>
- ii. Gautam, S., & Lal, M. (2020). Analysing competitiveness and trade performance: evidence from Indian textile industry and its select competitors. *Transnational Corporations Review*, 1-19. <https://doi.org/10.1080/19186444.2020.1768794>
- iii. Gautam, S., Chadha, V., & Malik, R. K. (2020). Inter-linkages between real exchange rate and capital flows in BRICS economies. *Transnational Corporations Review*, 1-18. <https://doi.org/10.1080/19186444.2020.1779525>

XIII. Ms. Harmanpreet Kaur

She has served as:

- i. Organising committee member for One week (Online) Interdisciplinary FDP on

“Hypothesis Testing and Techniques for Data Analysis” organised by Department of Commerce, Shivaji College, University of Delhi (Knowledge Partner: Department of Commerce, DSE, University of Delhi) in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi from March 5-11, 2021.

- ii. Organising committee member for One Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” organised by Shivaji College in collaboration with Teaching Learning Centre and Research Development and Services Cell, Ramanujan College, University of Delhi from August 18-25, 2020.

Participated in:

- i. Online FDP on “Bibliometric Analysis” conducted by Commerce Ahead from October 9-11, 2020.
- ii. One Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” organised by Shivaji College in collaboration with Teaching Learning Centre and Research Development and Services Cell, Ramanujan College, University of Delhi from August 18-25, 2020.
- iii. Completed a Certificate Course on GST - by Department of Commerce, Shivaji College, University of Delhi and Voice of Chartered Accountants from August 17-28, 2020.
- iv. Two Week Online FDP on “COVID -19 New age teaching pedagogy: innovative tools, techniques and research methods for efficient business management teaching in digital era” from July 20-31, 2020 organised by Atal Bihari Vajpayee School of Management and Entrepreneurship Jawaharlal Nehru University, New Delhi.
- v. 7 days National Online FDP on “Time Series and Panel data Analysis” organised by Teaching Learning Centre, Ramanujan College, University of Delhi in association with Indian Accounting Association from July 20-26, 2020.
- vi. Webinar Series on “Transforming Teaching Learning Process using ICT Tools” organised by IQAC, PGDAV College, University of Delhi on July 23-25, 2020.
- vii. One-week online workshop on “Panel Data Analysis using STATA” organised and conducted by Research Shiksha, India from July 16-20, 2020.
- viii. One-week online workshop on “Financial Econometrics using Eviews” organised and conducted by Research Shiksha, India from July 8 -12, 2020.
- ix. One Week Online FDP on “Development and Management of MOOCs and Online Courses using LMS - MOODLE” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi from June 30-July 4, 2020.
- x. National Webinar on “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi on July 11, 2020
- xi. Webinar on “Publishing Conceptual and Literature Review based Papers in

Quality Journals” organised by Shaheed Bhagat Singh College, University of Delhi on July 11, 2020.

Published following papers:

- xii. Goel, R.K. & Kaur, H. (2021), Commodity Futures in India: A Review of Literature. *Mukt Shabd Journal*, 10(1), 232-243.

XIV. Ms. Vineeta

She has served as

- i. Organising Committee Member for One week (Online) Interdisciplinary FDP on “Hypothesis Testing and Techniques for Data Analysis” organised by Department of Commerce, Shivaji College, University of Delhi (Knowledge Partner :Department of Commerce, DSE, University of Delhi) in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi from March 5-11, 2021.

Participated in:

- i. National Webinar on “Investor Awareness and the Role of Regulators” Organised by Department of Commerce, Shivaji College, University of Delhi on February 5, 2021.
- ii. Webinar on “Future of Commodity Derivatives Market in Changed Global Scenario” organised by ASSOCHAM India on January 30, 2021.
- iii. Two days Online FDP on “Using Spreadsheets for the Business Mathematics” organised by Sri Aurobindo College, University of Delhi from Jan 23rd Jan to 24th Jan, 2021.
- iv. Webinar on “Don’t Limit Yourself” organised by NSS, Shivaji College, University of Delhi on January 16, 2021.
- v. Participated in the Webinar on ‘Strategies for India’s Economic Growth in VUCA World’ organised by Department of Commerce, Shivaji College, University of Delhi on September 29, 2020.
- vi. Certificate Course on GST –by Department of Commerce, Shivaji College, University of Delhi and Voice of Chartered Accountants from August 17-28, 2020.

XV. Ms. Jyoti Yadav

She has participated in

- i. National Webinar on “Investor Awareness and the Role of Regulators” Organised by Department of Commerce, Shivaji College, University of Delhi on February 5, 2021.
- ii. 7 days National FDP on “Emerging trends in Pedagogy in Languages, Literature and Social Sciences” organised by Teaching Learning Centre Ramanujan College, University of Delhi Shyama Prasad Mukherji College, University of Delhi From July 13-19, 2020.
- iii. Certificate Course on GST organised by Department of Commerce, Shivaji College, University of Delhi and Voice of Chartered Accountants from August 17-28, 2020.

- iv. National Webinar on “Strategies for India’s Economic Growth in VUCA World” organised by Department of Commerce, Shivaji College, University of Delhi on September 29, 2020.

6. DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science has been conducting the B.Sc. (Gen.) Computer Science course successfully since 1985. The course was initially conducted in annual mode, later on was switched to semester mode. It is now referred as BSc. (Physical Science) with Computer Sc. The syllabus now includes four Skill Enhancement papers to make the students more industry ready. The curriculum aims at providing an introductory yet comprehensive view of established and emerging areas in diverse scientific fields. It also employs an application oriented approach, emphasizing development of problem solving skills in students.

I. Mr. Rakesh Yadav

- i. He is a member of the undergraduate committee of courses and studies at University level.

II. Ms. Preeti Sharma

She has served as: -

- i. Teacher-in-charge, Department of Computer Science from April 2020 to April 2021.
- ii. Convenor, One Week FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” August 18-25, 2020, organised by Ministry of Human Resource Development, PMMMNMTT, Ramanujan College and IQAC, Shivaji College, University of Delhi.
- iii. Convenor Tedx committee.
- iv. Convenor E-Learning Cell.
- v. Co-Convenor Cultural committee.
- vi. Member, Core committee IQAC.
- vii. Organised Techelons on March 2-3, 2021.
- viii. Organised Vibrations 2021 as Co-Convenor April 14-16, 2021.
- ix. Organised workshop on Computer Vision April 21-22, 2021.
- x. Organised training sessions of MS Teams for student and faculty under E-Learning Cell.
- xi. Organised Add-on courses in Python and R in association with Spoken Tutorial Project, IIT Bombay under E-Learning Cell.
- xii. She has participated in the following programme: -
- xiii. One Week FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” August 18-25, 2020, organised by Ministry of Human Resource Development, PMMMNMTT, Ramanujan College and IQAC, Shivaji College, University of Delhi.

III. Ms. Abha Vasal

She has served as:

- i. Volunteer Section Leader, Code in Place, Stanford University
- ii. Member of the teaching team for Code in Place, April - May 2021. This online course was offered as a community service by Stanford University during the COVID-19 pandemic. It brought together students and volunteer teachers participating from around the world.
- iii. Shivaji College, Course Administrator, for Coursera for Campus Response Initiative. It provided free access to over 3,600 online courses from leading universities and companies. More than 300 students and faculty members had registered in this programme.
- iv. Course Coordinator for Add on Course in R, Spoken Tutorial, IIT Bombay conducted by E-Learning Cell.
- v. Has participated in the following programs
- vi. NPTEL AICTE Online FDP, Python for Data Science, Coordinated by IIT Madras, January- February 2021(4 weeks).
- vii. Online workshop on Fundamentals of Deep Learning, Shaastra 2021, IIT Madras, February 26-27, 2021.
- viii. One Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs”, August 18-25, 2020, organised by Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College. Worked as Organising Secretary for the same.
- ix. Resource person in MS Teams training programmes, organised by E-Learning Cell, Shivaji College
- x. Training for Department Faculty August 24-29, 2020
- xi. Training for II- and III-year students September 28- October 9, 2020
- xii. Training for 1st year students November 23-25, 2020.
- xiii. Self-paced online courses undertaken:
- xiv. Introduction to Data Science in Python, non-credit course authorised by University of Michigan, completed on July 22, 2020.
- xv. R Programming an online non-credit course authorised by Johns Hopkins University, completed on August 5, 2020.
- xvi. The Data Scientist’s Toolbox, an online non-credit course authorised by Johns Hopkins University, completed on July 25, 2020.

IV. Mr. Krishan Kant Singh Gautam

He has served as:

- i. Member Cultural Committee.
- ii. Member Admission Related Queries 2020.

He has participated in the following programmes-

- i. One Week FDP on “ICT Enhanced Teaching and Learning 2.0”, July 25-29, 2020 organised by ICT & IQAC, Sri Venkateswara College, University of Delhi.
- ii. One Week FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” August 18-25, 2020, organised by Ministry of Human Resource Development, PMMMNMTT, Ramanujan College and IQAC, Shivaji College, University of Delhi.
- iii. One Week FDP on “Python”, December 14-19, 2020, organised by E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur).
- iv. Webinar on “Information Processing on Covid-19 Cure and Preventions” under the webinar series “i-Waves 2020 “(International Webinar on Advances in E-services 2020)” organised by IIS-TIE (The international cell) & Department of CS & IT, IIS in association with ACM Professional Chapter, Jaipur on August 13, 2020.
- v. Webinar on Cyber Security held on July 31, 2020 organised by Department of Computer Science & Engineering and Information Technology at Mahakal Institute of Technology, Ujjain.
- vi. One Week FDP on “Cyber Security”, May 24-29, 2021, organised by E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur).
- vii. Two days’ international conclave on “Artificial Intelligence: Empowering Revolution in Technology” organised by IQAC Rajdhani College, University of Delhi held on March 12-13, 2021.
- viii. Webinar on “Cyber Crime: Detection and Prevention” organised by Rajdhani College, University of Delhi held on April 10, 2021.
- ix. Resource person in MS Teams training programmes, organised by E-Learning Cell, Shivaji College
 - Training for Department Faculty August 24-29, 2020
 - Training for II- and III-year students September 28- October 9, 2020
 - Training for 1st year students November 23-25, 2020.

He has Author/Co-authored the following paper: -

- i. Raju, Krishan Kant Singh Gautam, Rajendra Kumar “Machine Learning Based IoT Security System for COVID -19”, International Journal of Advanced Science and Technology, Vol.29 No 7s (2020), pp. 5838-5853, ISSN:2005-4238
- ii. He has Author/Co-authored the patent:
- iii. Patent Published with Title “Virtual Vision System for Visually Impaired People and Thereof”, October 2, 2020, Application Number 202041038731.

V. Ms. Yogesh Kumari

She has served as:

- i. Member Cultural committee.
- ii. Member Library committee.
- iii. Member Admission Related Queries 2020.
- iv. Successfully completed Add on course in R, organised by E- Learning Cell in association with Spoken Tutorial, IIT Bombay.
- v. Resource person in MS Teams training programmes, organised by E-Learning Cell,
- vi. Shivaji College
 - Training for Department Faculty August 24-29, 2020
 - Training for II- and III-year students September 28-October 9, 2020
 - Training for 1st year students November 23-25, 2020.
- vii. Participated in the following programs:
- viii. Participated in International Webinar on Network-Based Approaches organised by
- ix. Maitreyi College on July 24, 2020.
- x. 5-day FDP on MOOCs on July 25-29, 2020 organised by Sri Venkateswara College, DU.

VI. Dr. Ritu Meena

Successfully completed the degree of Doctor of Philosophy on the title “Enhancing Accuracy of Group Recommender System through Consensus” from the Jawaharlal Nehru University on November 27, 2020.

She has served as:

- i. Resource person in MS Teams training programmers, organised by E-Learning Cell,
- ii. Shivaji College
 - Training for Department Faculty August 24-29, 2020.
 - Training for II- and III-year students September 28 - October 9, 2020.
 - Training for 1st year students November 23-25, 2020.

She has participated in the following programme: -

- i. One Week FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” August 18-25, 2020, organised by Ministry of Human Resource Development, PMMMNMTT, Ramanujan College and IQAC, Shivaji College, University of Delhi.
- ii. Participated in the FDP on ICT Enhanced Teaching and Learning 2.0 held from July 25-29, 2020, organised by ICT & IQAC, Sri Venkateswara College, University of Delhi.
- iii. Participated in the Webinar (Under the Aegis of IQAC) on Stress Management in

the Times of COVID-19 Pandemic organised by Women's Development Cell, Shivaji College, University of Delhi on July 22, 2020.

Self-paced online courses undertaken:

- i. R Programming an online non-credit course authorised by Johns Hopkins University, completed on August 8, 2020.
- ii. Exploratory Data Analysis, an online non-credit course authorised by Johns Hopkins University, completed on August 18, 2020.
- iii. Getting and Cleaning Data an online non-credit course authorised by Johns Hopkins University, completed on August 5, 2020.
- iv. Successful completed the course on "ICSI| CNSS certified Network Security Specialist", certificate on completion by International cyber security institute, August 5, 2020.
- v. IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies and Cleaning Data an online non-credit course authorised by Johns Hopkins University, completed on July 25, 2020.
- vi. Practical Machine Learning an online non-credit course authorised by Johns Hopkins University, completed on August 6, 2020.
- vii. Neural Networks and Deep Learning an online non-credit course authorised by deeplearning.ai, and offered through coursera completed on July 23, 2020.
- viii. Reproducible Research an online non-credit course authorised by Johns Hopkins University, completed on September 4, 2020.
- ix. The Data Scientist's Toolbox, an online non-credit course authorised by Johns Hopkins University, completed on July 31, 2020.

7. DEPARTMENT OF ECONOMICS

The Department of Economics, since its inception, has been functioning diligently to ensure academic excellence and intellectual growth of its students. The Department lays primary focus on academics interspersed with extra-curricular activities designed to bring forth versatility and sound perspective of students. Most of our students opt for higher studies and take admissions in highly reputed educational institutions like IIMs, Delhi School of Economics, JNU, Gokhale Institute of Politics and Economics and many more. Our department follows a holistic approach in its teaching learning methodology by not only focusing on standard pedagogic tools of learning like lectures, tutorials, presentations but also by continuous mentoring of students.

I. Ms. Anshu Chopra

She has served as:

Organising Secretary/Convener/Resource-

- i. Appointed as 'Academic Coordinator' for the academic year 2020-21.

- ii. Core-Committee member of IQAC for the academic year 2020-21.
- iii. Appointed as Social Media Coordinator from 2020 onwards
- iv. Served as Teacher in Charge of Department of Economics for the academic session 2020-21
- v. Convenor of Cultural Committee for the session 2020-21
- vi. Co-Convenor of Tedx for the session 2020-21
- vii. Co -Convenor of E-Learning Cell for the session 2020-21
- viii. Member of Academic committee for the academic session 2020-21
- ix. Organised Orientation Programme on November 18, 2020 as convenor of cultural Committee
- x. Organised Vibrations 21 from April 14-16, 2021 as Convenor of Cultural Committee
- xi. Organised Acrylica – Annual festival from January 20, 2021 to February 7, 2021 as Convenor, Cultural Committee.
- xii. Organised ‘Shivaji Bhonsle Hindi Parliamentary Debate’ from 29th-31st Jan 2021 as Convenor of cultural committee.
- xiii. Organised Cinedrome’20 - Annual Festival of photography society from January 20-31, 2021 as convenor of Cultural Committee.

Has participated in the following programs (mention any refresher courses/orientation programmes conferences/seminars/ workshops/):

- i. Organised and participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 by Department of Economics, Shivaji College, University of Delhi.
- ii. Organised and participated in the International Webinar on “Social Inclusion: Making Development Sustainable” held on November 6, 2020 at 5 PM on Zoom - online platform conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.
- iii. Convenor and organiser of FDP (FDP) on “ICT on Enhanced Teaching Learning and Creating MOOCs” conducted by Ministry of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, University of Delhi from August 18-25, 2020.
- iv. Participated in FDP (FDP) on ICT on Enhanced Teaching Learning and Creating MOOCs” conducted by Ministry of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, University of Delhi from August 18-25, 2020.

- v. Participated in the International Webinar on “Environment, Gender and Climate Change” held on July 28, 2020 at 6 PM on Zoom - online platform conducted by Department of Botany, Shivaji College, University of Delhi.

II. Ms. Iti Dandona

She has served as:

- i. Teacher in charge for the Department of Business Economics
- ii. Convener of Internal Assessment Committee
- iii. Course Co-ordinator for edX Courses
- iv. Member of the Cultural Committee
- v. Member of the TEDx
- vi. Member of the NAAC Committee, Convenor for Criterion VI
- vii. Member of the Diamond Jubilee Committee
- viii. Has participated in the following programs:
- ix. Participated in the International Webinar on “India 2030: The Road ahead” held on April 17, 2021 on Zoom - online platform conducted by Department of Business Economics, Shivaji College, University of Delhi.
- x. Organised and participated in the Webinar on “Redefining Marketing” held on March 4, 2021 on Zoom - online platform conducted by Department of Business Economics, Shivaji College, University of Delhi.
- xi. Participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 by Department of Economics, Shivaji College, University of Delhi.
- xii. Participated in the International Webinar on “Social Inclusion: Making Development Sustainable” held on November 6, 2020 on Zoom - online platform conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.
- xiii. Organised and participated in the Webinar on “Digital Revolution What do we know about it?” held on October 9, 2020 on Zoom - online platform conducted by Department of Business Economics, Shivaji College, University of Delhi.
- xiv. Participated in FDP (FDP) on “ICT on Enhanced Teaching Learning and Creating MOOCs” conducted by Ministry of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, University of Delhi from August 18-25, 2020.
- xv. Has published the following papers:
- xvi. Published research paper ‘GST: Examining Centre-State Financial Relations’ in

Shodh Sarita, An International Multidisciplinary Bilingual Peer Reviewed Refereed Research Journal, Vol.7, Issue 28, October-December, 2020, ISSN:2348-2397

- xvii. Published research paper ‘An Empirical Study on Economic Growth: Trend Value Perspective’ in Shodh Sanchar Bulletin, An International Multidisciplinary Bilingual Peer Reviewed Refereed Research Journal, Vol.10, Issue 40, October-December, 2020, ISSN:2229-3620

III. Mr. Sumeet Singh Raheja

- i. He has participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 organised by the Department of Economics, Shivaji College, University of Delhi.

IV. Dr. Shivani Gupta

She has served as:

- i. Organised “Acrylic Painting workshop” on 8/11/2020 as Convenor Vibgyor Society, Cultural Committee.
- ii. Organised “Acrylica – Annual festival” from 20/1/2021 to 7/2/2021 as Convenor Vibgyor Society, Cultural Committee.
- iii. Participated in the Webinar on “Redefining Marketing” held on March 4, 2021 at 5 PM on Zoom - online platform conducted by Department of Business Economics, Shivaji College, University of Delhi.
- iv. Participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 by Department of Economics, Shivaji College, University of Delhi.
- v. Participated in the International Webinar on “Social Inclusion: Making Development Sustainable” held on November 6, 2020 at 5 PM on Zoom - online platform conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.
- vi. Participated in FDP (FDP) on “ICT ENHANCED TEACHING LEARNING AND CREATING MOOCs” conducted by Ministry of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, University of Delhi from August 18-25, 2020.
- vii. Participated in the International Webinar on “Environment, Gender and Climate Change” held on July 28, 2020 at 6 PM on Zoom - online platform conducted by Department of Botany, Shivaji College, University of Delhi.

V. Ms. Bhumika Bhavnani

- i. Organised an International Webinar on ‘Social Inclusion: Making Development

Sustainable’ conducted by Department of Economics and Alumni Relations Cell, Shivaji College on November 6, 2020.

- ii. Organised the annual department festival Pareto on April 22-23, 2021.
- iii. Has participated in the following programs (mention any refresher courses/ orientation programmes conferences/seminars/ workshops/):
- iv. Participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 conducted by Department of Economics, Shivaji College, University of Delhi.
- v. Participated in the International Webinar on “Social Inclusion: Making Development Sustainable” held on November 6, 2020 on Zoom - online platform conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.
- vi. Participated in Online FDP (FDP) on “Ict Enhanced Teaching Learning and Creating MOOCs” conducted by Ministry of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, University of Delhi from August 18-25, 2020.
- vii. Participated in Online FDP on “ICT Enabled Teaching Learning” organised by Ramanujan College and Janki Devi Memorial College from September 7-September 13, 2020.
- viii. Participated in Online FDP On “ICT Based New Paradigms Of E-Teaching And E-Learning: Digital Pedagogy” organised by Ramanujan College and Mata Sundri College for Women from September 15-30, 2020.
- ix. Participated in Online FDP On “Qualitative Data Analysis” organised by Ramanujan College, University of Delhi from December 21-28, 2020.
- x. Participated in Online FDP (FDP) on “ICT-based Learning and Developing MOOCs for Teaching Process in Higher Education” organised by Ramanujan College from December 29 - January 4, 2021.

VI. Md. Irfan Alam

He has participated in the following programs (mention any refresher courses/orientation programmes conferences/seminars/ workshops):

- i. Participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 organised by Department of Economics, Shivaji College, University of Delhi.
- ii. Participated in the International Webinar on “Social Inclusion: Making Development Sustainable” held on November 6, 2020 at 5 PM on Zoom - online platform conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.

VII. Mr. Jagadish Konthoujam

He has participated in the following programs (mention any refresher courses/orientation programmes conferences/seminars/ workshops/):

- i. Participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 organised by Department of Economics, Shivaji College, University of Delhi.
- ii. Participated in the International webinar on “Social Inclusion: Making Development Sustainable” held on November 6, 2020 at 5 PM on Zoom - online platform conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.
- iii. Participated in the Webinar on “The Idea of North-East India: A Brief History of State, Democracy and Society in the Margin” held on November 7, 2020 at 3 PM on Zoom - online platform organised by North-East Counselling Cell, Shivaji College, University of Delhi.
- iv. Organised “Swaranjali – Annual festival” on April 14, 2021 as Co-Convenor Reverb-The Music Society of Shivaji College.

VIII. Ms. Shruti Goyal

She has participated in the following programs (mention any refresher courses/orientation programmes conferences/seminars/ workshops/):

- i. Completed an ‘Introductory R programming’ course on July 22, 2020.
- ii. Pursuing a course on Behavioural Economics via MOOC platform.
- iii. Participated in the International Webinar on “Social Inclusion: Making Development Sustainable” held on November 6, 2020 at 5 PM on Zoom - online platform conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.
- iv. Acted as an Event Head for the annual departmental festival Pareto organised by the Economics Department, Shivaji College on April 22-23, 2021.
- v. Participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 organised by Department of Economics, Shivaji College, University of Delhi.

IX. Ms. Nikita Gupta

She has served as:

- i. Resource person in Pareto 2021 organised on April 22-23, 2021
- ii. Qualified the Python course offered by E-Learning Cell, Shivaji College in collaboration with Spoken Tutorial Project, an initiative by IIT Bombay in April 2021.
- iii. Qualified the R course offered by E-Learning Cell, Shivaji College in collaboration with Spoken Tutorial Project, an initiative by IIT Bombay in April 2021.

- iv. Participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 organised by Department of Economics, Shivaji College, University of Delhi.
- v. Presented the paper titled “Performance Analysis of Public Private Partnerships” in the PhD seminar series of Delhi School of Economics on February 10, 2021.

X. Dr. Priyanka

- i. Participated in the Webinar on the topic “Union Budget 2021: Macroeconomic Impact and Employment Issue” held on February 25, 2021 by Department of Economics, Shivaji College, University of Delhi.
- ii. Participated in the International Webinar on “Social Inclusion: Making Development Sustainable” held on November 6, 2020 conducted by Department of Economics and Alumni Relations Cell, Shivaji College, University of Delhi.

8. Department of English

- i. The Department of English is one of the most popular and centrally connected departments in the College as English language and literature is taught to the students of Commerce, Mathematics and Sciences as well. The aim of the department is to enable students to indulge in critical thinking and widen their horizons beyond textual knowledge. The Department boasts of learned intellectuals as its faculty and has a proportionate teacher student ratio.

1. Dr. Sonali Garg

She has participated in the following programmes:

- ii. 2 Weeks’ Refresher Course on “Indian Philosophy: Samskara, Culture, and Global Recognition, organised by CPDHE, University of Delhi, 10-23 Feb. 2021.

II. Dr. Leisangthem Gitarani Devi

She has participated in the following programmes:

- i. One Week FDP on “Qualitative Data Analysis” from December 21-28, 2020, organised by Teaching Learning Centre, Ramanujan College, University of Delhi
- ii. One Week FDP on “E-Learning and Developing MOOCs for Teaching Process in Higher Education” from December 14-20, 2020, organised by Department of Statistics and IQAC, Hindu College, University of Delhi, in collaboration with Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Teaching Learning Centre, Ramanujan College, University of Delhi

Published a chapter in an edited book:

- i. Leisangthem, Gitarani Devi (2020). “Narrativising Domesticity, Narativising Terror: Agenda and Concerns in Women’s Writing in Manipur”. In M. Renganathan (Ed.), *Violence and Terror Narratives from North East India* (62-76). Guwahati, Assam: DVS Publishers.

III. Ms. S. Hangzo

She has participated in the following programmes:

- i. 2 weeks FDP on Research Methodology conducted by Ramanujan College, University of Delhi, under the aegis of PMMMNTT, from October 1-15, 2020.

Chapter in an edited book:

- i. Hangzo, Siamlianvung. "Decoding the Dorcas: Women's Wing in Evangelical Baptist Convention." Reading the Margins: History, Culture, Literature, People's Literature Publication, 2020. ISBN 13-978-81-934856-6-8

IV. Ms. Preeti Desodiya

She has participated in the following programmes:

- i. 2 Weeks FDP on Research Methodology from Ramanujan College, Delhi. October 1-15, 2020.
- ii. 2 Weeks FDP on Advanced Research Methodology, Tools and Techniques, from Ramanujan College, Delhi from January 30- February 14, 2021
- iii. 1 Week Refresher course on Academic Writing, from Ramanujan College, Delhi, February 18-24, 2021.

She has served as:

- i. Organiser- National Webinar on Academic and Creative Writing 2020, organised on October 6, 2020
- ii. Organiser- International Webinar on Translation and Literature on October 15, 2020
- iii. Organiser- Webinar on Cilappatikaram and the South Indian Epic form
- iv. Convenor- Protect your Mom, International Open Mic Event on April 31, 2021

V. Dr. Divya Madaan

She has participated in the following programmes:

- i. 1 Week FDP on ICT Enabled Teaching Learning, from Ramanujan & JDM College TLC, University of Delhi, Under the aegis of MHRD, PMMMNMTT, from September 7-13, 2020.
- ii. 2 Weeks' FDP on Enhancing Psychological Skills for Teaching and Practice, from Ramanujan College, Delhi, under the aegis of MHRD, PMMMNMTT from September 15-29, 2020.
- iii. 2 Weeks FDP on Research Methodology from Ramanujan College, Delhi, under the aegis of MHRD, PMMMNMTT from October 1-15, 2020.

She has served as:

- i. Convener- Magazine Committee
- ii. Co-Convener- Admission Committee, Humanities

VI. Ms. Gunjan Kumari

She has participated in the following programmes:

- i. Attended a seven-day FDP from September 22-28, 2020 on the topic: “New Trends in Higher Education: NEP2020 and Pedagogical Transformation” organised by UGC-HRDC SSPU, Pune and New Arts Commerce and Science College, Ahmednagar.
- ii. Attended a six-day FDP from 25/06/2020-30/06/2020 on the topic: “Language in the Times of Covid-19” organised by UGC Guru Govind Singh Indraprastha University.

Publications:

- i. Kumari Gunjan. (2020). Critiquing Cultural and Climatic Norm for the Disabled in India: Reading Malini Chib’s ‘One Little Finger’. *Akadosmos*. Issue 2020 42-55.

VII. Ms. Meenakshi Yadav

She has participated in the following programmes:

- i. Completed a 2-Week FDP on “Research Methodology” organised by Teaching Learning Centre, Ramanujan College, DU held from October 1-15, 2020.
- ii. Presented a paper titled “Standardization and Vernacularization of Hindi” in an International Conference on Language Ideologies and the ‘Vernacular’ in South Asian Colonial and Post-colonial Literature(s) and Public Spheres organised by Department of English, Jamia Millia Islamia and Heidelberg University held from March 15-17, 2021.

Chaired a session on:

- i. “Education and Language in India” in an international conference organised by Indian Association for South Asian Studies (IASAS) on Rethinking South Asia: Alternative Paradigms, Practices and Discourses held from November 7-9, 2020.

Served as member of organising committee for:

- i. International Conference on Language Ideologies and the ‘Vernacular’ in South Asian Colonial and Post-colonial Literature(s) and Public Spheres organised by Department of English, Jamia Millia Islamia and Heidelberg University held from March 15-17, 2021.

VIII. Dr Chakpram Priyanka

She has served/participated in:

- i. Attended 1-Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” organised by MHRD-PMMMNMTT Ramanujan College, University of Delhi in collaboration with Shivaji College, University of Delhi held from August 18-25, 2020
- ii. Attended 2-week FDP on “Research Methodology” organised by MHRD-PMMMNMTT Ramanujan College, University of Delhi held from October 1-15, 2020

- iii. Co-organising member of the Online Gender Sensitisation Workshop on ‘Gender, Sexuality and Unconscious Bias’ organised by the Centre for Promotion of Inclusivity, Shivaji College, University of Delhi on April 22, 2021
- iv. Co-organising member of the webinar on ‘The Idea of North-East India: A Brief History of State, Democracy and Society in the Margin’ organised by the North-East Student Counselling Cell, Shivaji College, University of Delhi on November 7, 2020

9. DEPARTMENT OF EVS

- v. Department of Environmental Studies has been constituted to provide compulsory environmental science education to all the undergraduate courses since 2014. Apart from theory classes, field work is the key component of the course where students get practical exposure to natural and man-made environment and learn to understand the impact of human activities on environment.

I. Dr. Virat Jolli

He has served as:

- i. Teacher Coordinator of *Video Making Competition* organised on the occasion of World Earth Day 2021 by Eco Club Shivaji College.
- ii. British Ornithologist’s Union Science Communication Award Panel (2020 Awards) Member
- iii. Subject editor of Check List, The Journal of Biodiversity Data (Check List (pensoft.net))
- iv. Has participated in the following programs(mention any refresher courses/ orientation programmes conferences/seminars/ workshops/):
- v. Participated in #BOU2021 Annual Conference *Restoring Bird Populations: Scaling From Species To Ecosystems* March 30-April 1, 2021 (A virtual conference on Zoom and Twitter).

Presented the following papers/posters:

- i. Jolli, V (2020). Survey of Shorebirds of North India. Presented at the International Shorebirds Twitter Conference #ISTC2020 organised by International Wader Study Group and British Ornithologists Union, United Kingdom, held on October 7-8, 2020.

Published/Co-published the following papers:

- i. Jolli, V. (2020). An Assessment of Sustainability of Rural Areas of Upper Beas Valley Himachal Pradesh, India. *Economic and Regional Studies*, 13(3), pp.295-306.

II. Dr Ashwani Sharma

- i. Teacher Coordinator of *Video Making Competition* organised on the occasion of World Earth Day 2021 by Eco Club Shivaji College.

- ii. FDP, Advanced Concepts for Developing MOOCs, MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (Teaching Learning Centre), Ramanujan College, University of Delhi; July, 2020
- iii. Induction/Orientation Programme, MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (Teaching Learning Centre), Ramanujan College, University of Delhi; July, 2020

10. DEPARTMENT OF GEOGRAPHY

The Department of Geography was established in Shivaji College during 1976 as B. A. (Prog.) discipline. B. A. (Hons.) Geography was introduced in 1988. For innovative teaching learning, department is conducting theory classes, practical, local and long excursion programmes. Apart from teaching to undergraduate students, teachers of the department are supervising Ph.D, M.Phil., Post-Doctoral Fellows and various research and innovation projects. Alumni of the department are serving in bureaucracy, defence, management and academics etc. in various capacity. Students of the department are actively involved in curricular and co-curricular activities as internships, NSS, NCC and cultural activities. The Department of Geography is involved in various research activities apart from regular academic teaching to undergraduate students. There are four Ph.D. and one M. Phil. research scholars are enrolled in the department. The department have one Post Doctoral Fellowship (PDF) of ICSSR is also enrolled. The department is also the coordinator of one minor research project.

I. Dr. Lalita Rana

Publications:

- i. Rana L. (2021): “Digital Earth- Geographer’s Vision & Challenge”, IOSR Journal of Humanities and Social Science (IOSR-JHSS), Volume 26, Issue 4, Series 7 (April. 2021) 01-27, e-ISSN: 2279-0837, p-ISSN: 2279-0845.
- ii. Rana L. (2020): “Paradigmatic Shifts in Geographic Development”, IOSR Journal of Humanities and Social Sciences, Volume 25, Series 4, (May 2020), pp: 41-57; [http://www.jorsjournals.org/jors-jhss/pages/25\(5\)Series-4.html](http://www.jorsjournals.org/jors-jhss/pages/25(5)Series-4.html)

II. Dr. Tejbir Singh Rana

- i. Rana, T. S., Ratnu, B., Dahiya, S. (2020): Social Fabric and Diffusion of Agricultural Inventory: A Micro Level Study of Naya Baas Village, Rohtak, Haryana, International Journal of Social Science and Economic Research, Vol. 5, Issue 5, (May 2020), pp. 1135-1151.
- ii. Rana, T. S., Deswal, A., (2020): Perspectives of Gender Disparity in Nagaur District, Rajasthan, Periodic Research: Social Research Foundation, Vol. 8, No. 4, (May 2020), pp. 1-8.
- iii. Project investigator: Climate Change and Its Impact on Agriculture: A Micro Level Study Of Two Villages in Haryana. Duration 1 Year w-e-f February 26, 2021, Financed by CRC, Shivaji College

- iv. Ph.D. Supervisor: Mr. Neeraj Kumar , Department of Geography, University of Delhi
- v. Post -Doctoral Fellow (PDF) of ICSSR: Supervisor of Dr. Sumitra.
- vi. Invited lecture or Resource Person: Pacific University, Udaipur. Topic Changing Human Perspectives toward Natural Resources. Dated June 12, 2020.
- vii. FDP: Convener (Online): One week FDP program dated 08-06-2020 to June 14, 2020: Topic: Open source GIS and Q GIS, Organised by JRN Rajasthan Vidyapeeth University, Udaipur.
- viii. Invited lecture: Research Methodology PhD Course work at JRN Rajasthan Vidyapeeth University, Udaipur. Dated October 20-21, 2020.
- ix. Resource Person: International Conference for young Researchers NEXT 75, Organised by State Atomic Energy, Cooperation, Sochi, Russia, Topic: Global Population Growth. Dated: December 16, 2020.
- x. Panel Discussion International Geographical Union (IGU)-2020: Water essence of survival, Conservation and its revolutionary possibilities. Dated December 19, 2021.
- xi. Resource Person: Gyan Ganga FDP, Commissionerate of College education, Rajasthan Government, Topic: National Resource Management and Sustainability. Dated: January 22, 2021
- xii. Panel discussion: National Conference (UGC sponsored) at Aditi Mahavidyalaya, University of Delhi, Topic: Traditional and Modern Water Wisdom: Conservation and Governance. Dated: March 9, 2021.
- xiii. Session Chair: National Conference at Jamia Millia Islamia: Topic Climate Change and Pathways of Self-Reliant India. Dated: March 15, 2021
- xiv. Session Chair: International Conference: Organised by Shaheed Bhagat Singh College, University of Delhi, Topic of Technical Session: Exploring the Application of Solidarity Approach in Geography, Dated April 6, 2021.

III. Dr. Preeti Tewari

She has served as

- i. Was resource person in a Webinar on Comprehensive Disaster Management organised by Department of Geography, Shivaji College, in collaboration with NIDM.
- ii. Mentored a team of students who made a presentation on Impact of Social Media on Tourism at the National Youth Conclave organised by Department of Geography, Shaheed Bhagat Singh College.
- iii. Coordinated the add-on course on Legal Awareness organised by the Placement Cell, Shivaji College, in collaboration with the WDLA in January and February 2021.

IV. Dr. Rajender Singh

He has served as:

- i. Ph.D. (Co-Guide) guide of Title “Flood Forecasting in a River Basin Applying Geoinformatics Tools: A Case Study of River Yamuna” Jagannath University NCR Bahadurgarh, Haryana, December, 2020.
- ii. FDP (FDP), CPDHE, University of Delhi, Delhi, February 13-19, 2020 UGC – Human Resource Development Center, University of Delhi.
- iii. FDP, Ramanujan College and Motilal Nehru College (E), University of Delhi September 1-14, 2020, MHRD, PMMM National Mission on Teachers and Teaching.
- iv. FDP, Ramanujan College and Mata Sundri College, University of Delhi, September 15-30, 2020, MHRD, PMMM National Mission on Teachers and Teaching
- v. FDP, Ramanujan College and IQAC, Shivaji College, University of Delhi, August 18-25, 2020, MHRD, PMMM National Mission on Teachers and Teaching
- vi. FDP, Teaching and Learning Centre Ramanujan College, University of Delhi, February 7-14, 2021, MHRD, PMMM National Mission on Teachers and Teaching
- vii. FDP, Teaching and Learning Centre Ramanujan College, University of Delhi March 1-7, 2021 MHRD, PMMM National Mission on Teachers and Teaching
- viii. Dr. Prabuddh Mishra

He has served as

- i. Co-Convenor: College Research Cell (CRC) (2020- continues)
- ii. Member: Women’s Development Cell (2019- continues), Discipline Committee (2019-2021), Internal Complain Committee (2019- continues).
- iii. Resource Person: Three-day workshop on “Development of e-learning in geospatial technology for enhancing geospatial skills in teaching learning of Geography” organised by DESS NCERT, New Delhi. March 2-4, 2020.
- iv. Arthmanthan (2020) ISBN: 978-93-5171-185-8. Research India Press, New Delhi.
- v. Ecological Polity: A Reflection of Nature’s Governance (2021) ISBN: 978-93-5171-194-0. Research India Press, New Delhi.
- vi. R. Saberifar and Mishra, P.K. (2020) Analysis of National Development Using Labour Market Model. *Folia Geographica*. 62 (1): pp 5–20, ISSN 2454-1001 (SCOPUS).
- vii. Mishra, P.K. Rai, A and Rai, S.C. (2020) Land Use and Land Cover Change Detection using Geospatial Techniques in Sikkim Himalaya, India. *The Egyptian Journal of Remote Sensing and Space Sciences*. 23: 133-143. ISSN: 1110-9823. doi.org/10.1016/j.ejrs.2019.02.001 (SCOPUS).
- viii. Prakash, P and Mishra, P.K. (2020) Climate Vulnerability and Adaption Assessment in Bundelkhand Region, India, in Sustainable Development Practices Using Geo-informatics (eds.) Shruti Kanga et al., Publisher Scrivener Publishing LLC. eISBN-9781119687160. doi.org/10.1002/9781119687160.ch13

- ix. R. Saberifar and Mishra, P.K. (2020) Investigating factors affecting Sustainable Development and formulating Sustainability-Related Scenarios in Mashhad Metropolis, Iran (2020) Conference: GEA (Geo Eco-Eco Agro) International Conference 2020, Podgorica, Montenegro Pg. 212-224 ISBN 9788686625281.
- x. R. Saberifar, N. Muslim and Mishra, P.K. (2020) The Meta-Analysis of Studies on Urban Sprawl In book: Geospatial Technology and Smart Cities (ed.) Poonam Sharma. Publisher: Springer International Publishing (in Press).
- xi. Mishra, P.K. and Rai, S. C. (2020) Role of Indigenous Knowledge in Smart Agriculture Farming System in the Himalaya. In the book Smart Agriculture: Ancient Wisdom and Modern Technology (eds.). Punyatoya Patra, Rodhni Devi, Gaurav Sikka. Rawat Publication Jaipur. Pp.130-148 (ISBN: 978-81-316-1137-1).
- xii. Rai, A., Pandey, A., Mishra, P. K., Tiwari, K.C. (2020) The potential of UAV based remote sensing for monitoring Hindu Kush Himalayan Glaciers. In: Jain K., Khoshelham K., Zhu X., Tiwari A. (eds) Proceedings of UASG 2019. UASG 2019. Lecture Notes in Civil Engineering, vol 51. Springer, Cham, Pp.301-314. (ISBN-978-3-030-37392-4) doi.org/10.1007/978-3-030-37393-1_26 (SCOPUS)
- xiii. Attended FDP on ‘ICT Based New Paradigms of E-Teaching and E-Learning: Digital Pedagogy’ from September 15-30, 2020 under MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Mata Sundari College, University of Delhi, India.
- xiv. Attended FDP on ‘Learning Advanced E-tools for MOOCs Development and Research’ from September 1-14, 2020 under MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Motilal Nehru College (E), University of Delhi, India.
- xv. Attended FDP on ‘ICT Enhanced Teaching Learning and Creating Moocs’ from August 18-25, 2020 under MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi, India.
- xvi. Attended National Level Online Training Programme on the theme on “Climate Change, Landslides and Safe Hill Area Development”, from August 5-7, 2020 organised by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dr. Raghunandan Singh Tolia Uttarakhand Academy of Administration, Nainital, Uttarakhand, India.
- xvii. 10 days e- Research Conclave from July 21-30, 2020 conducted by Coaching Center for Minority Youth, Minority Welfare Directorate, Government of Kerala, India.
- xviii. Short Term Course on E-Contents/MOOCs Development & Delivery on the theme

“ICT Tools for Online Teaching” from May 15-17, 2020, organised by Centre for Professional Development for Higher Education (CPDHE) (UGC-HRDC), University of Delhi. New Delhi. (Online)

- xix. National Level Training Programme on the theme “Geo-Meteorological Hazards Risk Management” during 10th –February 14, 2020 organised by National Institute of Disaster Management (NIDM), Ministry of Home Affairs and Department of Civil Engineering, Delhi Technological University, New Delhi.
- xx. Attended One Day Workshop on “Sustainable Geoscience” organised by Department of Geology, Centre of Advanced Studies, University of Delhi, in collaboration with UNESCO-IUGS, and IGCP at Department of Geology, University of Delhi, Delhi. February 29, 2020.
- xxi. Attended one day National Conference on ‘Coastal Disaster Risk Reduction and Resilience (DDRR&R) - 2020 at The Ashoka Hotel, New Delhi, India organised by National Institute of Disaster Management (NIDM) February 25, 2020.

VI. Dr. Nitin Punit

He has served as

- i. Chakraborty, T., Mukherjee, D., & Saha, S. (2021) “Integrating natural and human factors for sustainable development in Himachal Pradesh”, Contemporary issues in Sustainable Development: The case of India, Routledge Publication, New York.

VII. Dr. Bharat Ratnu

He has served as

- i. Project investigator: Climate Change and Its Impact on Agriculture: A Micro Level Study of Two Villages In Haryana. Duration 1 Year w-e-f February 26, 2021, Financed by CRC, Shivaji College.
- ii. Presented Research paper on “Water stress situation during COVID 19: A micro level study of Ajmer District, Rajasthan” on International Geographical Union (IGU-India, International e-conference on Implication of COVID 19 on Local and Regional Sustainable Development: A Global Perspective in Collaboration with IGU Commission on local and Regional Development: Commission of Geo-Heritage on June 27-28, 2020.
- iii. Presented a Research paper on “Coronavirus: The Socio-Environmental Impact in the state of Uttar Pradesh” in a National Webinar on COVID 19 Implication for Human and Natural Environment jointly organised by Department of Geography, RPS Degree College, Mahendergarh, Haryana and Department of Geography Central University of Punjab, Bathinda, Punjab. On June 23-24, 2020.
- iv. Participated in Online Round Table Conference on Geographical Perspective of Water Resources: issues and Challenges, on July 16, 2020 jointly organised by The

Russian Geographical Society (RGS) and The National Association of Geographers, India (NAGI).

- v. Ratnu B. and Singh V.V., 2020, *Testing Times in a Global Pandemic: A National Study of India's Trade-off with COVID 19 in International Journal of Creative Research Thought (IJCRT)*, Volume 8, Issue 5, ISSN No. 2330-2882, Pp-2222-2238.

VIII. Ms. Ekta Raman

She has served as

- i. Presented a paper in International Geographical Union IGU-E-Conference 2020 topic on “Urban Health Hazard and associated issue in Covid-19 pandemic” June 27-28, 2020.
- ii. Participated in Meta Analysis for writing the Research Papers from October 1-3, 2020 by Ananat Education Foundation.
- iii. Participated in Webinar Training on Air Pollutant Dispersion Modelling (Feb 20, 2021) organised by TGIS (3-6 PM I(India)ST).
- iv. Participation Certificate of Five-Day Training Program conducted from May 5-9, 2021 on Arc GIS by IIGST.
- v. Participated National Webinar on “Urban Health Hazard and Preparedness in Global Pandemic Covid-19” hosted by Department of Geography and Centre for Disaster Management Studies in association with NIDM on May 2, 2020.
- vi. Review of the submission “Improving the Traffic Management System Based on Remote Sensing Data Imagery,” (Id 937) For Geography, Environment, Sustainability.
- vii. Raman E, Anand S, Suresh V. M, Sharma P, Singh, A, Kumar S, (2021) :Traffic Congestion in Azadpur Mandi: A Study on the Largest Vegetables and Fruits Market of Asia, “Geospatiality and Sustainable Development Goals (SDGs)”, Geography Environment and Sustainability, Vol 14, pp-122-131.
- viii. <https://DOI-10.24057/2071-9388-2020-209>
- ix. Invited as a rapporteur in one of the sessions at Online International Conference on “Exploring the Application of Solidarity Approach in Geography”. The conference is being organised by the Department of Geography, Shaheed Bhagat Singh College, University of Delhi on April 5-6, 2021. Technical Session Vi: Geographies Of Care, Responsibility And Social Mix, Time and Date: April 6, 2021

IX. Ms. Rashmi Singh

She has served as

- i. Singh, R. (2020) ‘Assessment of Seasonal Cropping Pattern of Bajra Crop in Rajasthan’, The Horizon, A Journal of Social Sciences, No. 2/2020, volume XI.
- ii. Participated in Five-Day Training Program conducted from May 5-9, 2021 on Arc GIS by IIGST.

- iii. Presented paper on “ Inclusive and Sustainable Urban Development Transformations in the Making of Smart City Jaipur” in International Online Conference on ‘Exploring the Application of Solidarity Approach In Geography, April 05-06, 2021 conducted by Department of Geography, Shaheed Bhagat Singh College.
- iv. Participated in the online training programme on “Content Orientation Training Programme on Child Centric Disaster Risk Reduction” on 17 Mar 2021 to 19 Mar 2021 organised by National Institute of Disaster Management, Ministry of Home Affairs, Government of India in collaboration with M. P. Institute of Social Science Research.
- v. Participated in Seven Days Online Capacity Building Program on “Hydro – Meteorological Disasters: Techniques of Measuring, Monitoring, and Management of Floods” From March 1 -7, 2021, Conducted by Centre For Disaster Management Studies, Shaheed Bhagat Singh College in Collaboration with Teaching Learning Centre, Ramanujan College under the PMMMNTT Scheme of the Ministry of Education.
- vi. Participated in Webinar Training on Air Pollutant Dispersion Modelling (20 Feb 2021) organised by TGIS (3-6 PM I(India)ST).
- vii. Attended one week online Interdisciplinary FDP on “Student-Centric Pedagogic Methods” (January 27–February 2, 2021) organised by Janki Devi Memorial College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.
- viii. Participated in One-Day National Level Workshop on ‘Various Aspects of Research Funding, Academic Writing and Publication Ethics’ organised by Research Cell, Shivaji College (University of Delhi), New Delhi, India on January 30, 2021
- ix. Attended national workshop on ‘Analysing Food Security: Concept and Methodology’, under ICSSR Major Project on Mapping and Analysing the Land Use- Land Cover and Food Insecurity in Rajasthan, January 18, 2021, conducted by Department of Geography, Shaheed Bhagat Singh College.
- x. Attended a two day e-Workshop on “Research Methodology “ organised by Dr B R Ambedkar Central Library, Jawaharlal Nehru University, New Delhi (India) from January 11-12, 2021.
- xi. Attended seminar on an International Knowledge Conclave on Green Infrastructure on December 17-18, 2020 conducted by University of West England, Bristol, UK, Bristol.
- xii. Attended workshop on “Meta analysis for writing research papers” from October 1-3, 2020 organised by Anant Education Foundation, Surat.
- xiii. Attended seminar and presented paper in IGU- India International E- Conference on Implications of COVID-19 on Local & Regional Sustainable Development: A Glocal Perspective, on June 27-28, 2020, Hyderabad University.
- xiv. Completed online certificate Course from IIRS Dehradun: Global Navigation Satellite System (September 14-25, 2020)

- xv. Completed online certificate Course from IIRS Dehradun: Understanding of Coastal Ocean Processes Using Remote Sensing and Numerical Modelling (September 21-25, 2020).
- xvi. Completed online certificate Course from IIRS Dehradun: Geospatial Inputs for Enabling Master Plan Formulation July 27-31, 2020.
- xvii. Completed online certificate Course from IIRS Dehradun: Application of Geoinformatics in Ecological Studies (July 13-24, 2020)

X. Dr. Himanshu Mishra

He has served as

- i. Invited as a judge in Just a Minute session of Sustainable Development Centre (JAM -ae- SDC) of Bhagat Singh Evening College, University of Delhi on April 1, 2021.
- ii. Invited as a rapporteur in International Conference on “Future challenges and Sustainable Development Goals : Science to Policy Framework” organised by the Department of Geography, Shaheed Bhagat Singh College, University of Delhi on April 2021. Technical Session Good Health and Well Being, Time and Date: 02:00 P.M., April 16, 2021.
- iii. Participated in International conference on “ Future challenges and Sustainable Development Goals : Science to Policy Framework “ organised by Shaheed Bhagat Singh College, University of Delhi and Presented paper on “ Transhumance and Climate Change : A case study of Gaddi Community in Chamba, Himachal Pradesh “, April, 2020.
- iv. December, 2020, Participated in International conference (virtual) on “ Global to Local Sustainability and Future Earth “ organised by IGU India and MLSU, Udaipur and Presented paper on “ The role of traditional knowledge for the sustainability of Indian Himalaya: A case study of Gaddi Transhumance of Himachal Pradesh “.
- v. Mishra, H. and Pandey B.W. (2020) *Spatio- Temporal Analysis of Landuse / landcover Change in Chamba District*, Himachal Pradesh. Eastern Geographer 19 (I), Bhubneswar. ISSN: 0973-7642. Pp 80-95.

11. DEPARTMENT OF HINDI

Department of Hindi conducts courses of B.A (Hons.) Hindi and M.A Hindi. The courses offered by the Department of Hindi open numerous possibilities of a multifaceted career. The students are trained and educated for a bright future in various fields like Media, Films, Teaching, Translation, Civil Services etc after completing their graduation from the Department of Hindi. Many alumni of the Department serve the nation in different fields.

I. Dr. Ruchira Dhingra

She has participated in the following programmes:

- i. A Webinar on “Research Methodology and Technology Led Paradigm Shift in Teaching and Learning Process” August 4-12, 2020 organised by IQAC Research and consultancy cell PGDAV College (eve) and Buniyaad education society, Delhi
- ii. A Webinar on ‘ICT Enhance Teaching Learning and Creating MOOC’s’ from August 18-25, 2020 organised by Teaching Learning Centre, Ramanujan College and IQAC Shivaji College.

She has published the following papers:

- i. On the topic of ‘*Shrimati Yashoda Devi Ki Kahaniyon Ka Vaishishtya, General Name : Jankriti BahuVishyak Antarashtriya Masik Patrika*, December, 2020, Issue 68, Page No. 250-255, ISSN : 2454-2725
- ii. On the topic of ‘Premachand ki Kahaaniyon Mein Paarivaarik Moolyabodh’ published in Sahachar E-Magzine in November, 2020 Issue 21 ISSN No. 2395-2873
- iii. On the topic of ‘Samasaamayik Mahila Upanyaasakaaron Ki Krtiyon Mein Gendar Sarokaar’ published in Samsaamayik Srijan in October-December, 2020 Vol. 2, Page No. 226-229 ISSN no. 2320-5733
- iv. On the topic of ‘Kinnar Samaaj evam Sangharsh’ published in Janakriti BahuVishayak Antarashriya Patrika November, 2020, Vol 67 pp 366-374
- v. On the topic of ‘Maanas Me Asur Paatr Aur Tulasee kee Maulikat’ published in International Journal of social concern, November, 2020 ISSN No. -2231-5837 journal,
- vi. A book review published in Abhyantar Magazine (2020 , Vol. 15 Issue 3 ISSN No. 2348-7771) on book named ‘Ae Zindagi Tujhe Salaam’ authored by Shree Harabhajan Singh Meharotra
- vii. ‘21vi Sadi Ke Hindi katha Saahitya Chintan ki Vividh Dishaen, Aadhee Deh Adhoora Man’ pp 174-188 (2020) KBS Publication, Delhi, ISBN No..978-81-946667-8-3

She has been awarded:

- i. Raashtreeya Gaurav Sammaan in the field of Education & Social Work, by Rajniti ki Pathshala social platform on 25/11/ 2020
- ii. Dr. S. Radhakrishnan memorial award 2020 in the field of Education & Social Work, by Rajnaiaiti ki Pathshala on 5/9/2020
- iii. National Level Dr.B.R.Ambedker peace award by Shakiran Samriddhi foundation in December 2020.

She has delivered the following lectures in

- i. Two day National Webinar On the topic of ‘Raamakatha ke Vividh Aayaam Tulasee Ke lok Vishrut’ organised by Swami Shraddhaanand College on March 19-20, 2021
- ii. International Webinar on the occasion of Acharya Hazariprasad Dwivedi 113th birth anniversary on the topic of ‘Hazariprasad Dwivedi: Srishti aur Drishti’ jointly organised

by Ranchi University & Vishva Sanskrit Hindi Parishad on August 20, 2020.

- iii. International Webinar on ‘Vaishvik Vipda aur Sahityakaron ki Bhoomika’ organised by Seth Phoolchand Aggrawal Memorial College, Chhattisgarh on August 19, 2020
- iv. International Webinar on ‘Ath Kinnar Katha Sanvaad-5’ held on August 22-September 1, 2020
- v. Three days International Webinar on ‘Premchand aur Hindi Katha Sahitya’ organised by Global Hindi Sahitya Shodh Sansthan held on September 3-5, 2020

II. Dr. Virender Bhardwaj

He has served as

- i. Author of “California Mein Corona” (2020) New Delhi, published by Swaraj Prakashan. ISBN: 978-93-88891-92-9.
- ii. Resource Person in Webinar named Pustak Paricharcha “California Me Corona” Organised on February 6, 2021.
- iii. Speaker in an International Webinar on “Hindi in The Global Scenario” on the occasion of the World Hindi Day organised by Department of Indology, Faculty of Humanities and Social Sciences of University of Zagreb held on March 29, 2021.
- iv. Resource Person in Webinar named “Madhuri Subodh- Parisamwad” Organised On April 10, 2021.
- v. Resource Person in Webinar GUFTGOO named Abhivyakti 3.0 (The Literary Society- Book Discussion) organised by Shivaji College’s Abhivyakti Society held on April 24, 2021.
- vi. Ph.D guide of Priyanka Singh. She has been awarded PhD on the topic of “Radha Kavya Ki Parampara Aur Acharya Jankivallabh Shastri ki Radha” on February, 2021

III. Dr. Vikas Sharma

He has published the following paper:

- i. Published the paper “Bhasha ke Naveen Prayog” (2020) Sulakshana ahalawat (Ed.) Bhoal Shodh Manjusha Vol 12 pp139-141
- ii. Member of organising committee of One Day International Webinar held on February 21, 2021 in Shivaji College.

He has attended the following programs

- i. One Week FDP “hypothesis tasting and technics for data Analysis” from March 5-11, 2021 Organised by the two eminent Colleges i.e. Shivaji College and Hansraj College, University of Delhi.
- ii. He has organised the following programs:

- iii. Two Day Inter-College competition on January 9-10, 2021 under the Sahitya Sangam Cultural Society of Hindi Department, Shivaji College.
- iv. Inter College Competition organised by Equal Opportunity Cell, Shivaji College on April 24, 2021. He has delivered the following lectures
- v. One day National workshop on “Various aspects of research funding academic writing and publication ethics” on January 30, 2021
- vi. National Webinar -1 entitled Impact Centric Research: Funding opportunity and challenges in framing successful research proposal” held on July 11, 2020
- vii. Delivered a lecture as Resource Person on the topic of “Present Scenerio of Untouchability in India” on April 14, 2021 organised by Bhoomika Trust, Delhi.
- viii. He received Sri Gaganram Smriti Sahitya Samman on his book “Bhumandalikaran ke daur me hindi ki vividh bhumikayein” in September 2020

IV. Dr. Darshan Pandey

He has served as:

- i. Convener in a National Webinar on ‘Matribhasha aur Rashriya Shiksha Neeti 2020’ held on International Mother Tongue Day i.e. February 21, 2021 organised by Sahitya Sangam, Shivaji College.
- ii. Convener in one day National Webinar on “Role of Media and Technology during COVID-19: Issue, Challenges and prospects” organised by Alumni Relation Cell, Shivaji College on June 9, 2020.

He has Delivered Lectures as-

- i. Resource person in three day International Conference cum Webinar titled “Global Contribution of Nath Panth” organised by Deen Dayal Upadhyay Gorakhpur University, Gorakhpur on March 20-22, 2021
- ii. Resource person in three day National Seminar on “Bhartiya Bhasaon mein anuvaad ki bhumika: samasyayen evam samadhaan” organised by Meghalaya Rashtrabhasha prachar samiti and Central Hindi Directorate, Delhi on March 12-14, 2021 at Guwahati, Assam
- iii. Resource person in a Webinar titled ‘Vishva mein Hindi: ek vimarsh’ organised by The international association of Lions Club, Leo club Malad Boriveli and Dalmia College, Mumbai on September 15, 2020.
- iv. Resource person and Special Guest in a National Webinar titled ‘Rashtriya Siksha Neeti 2020: ek nai disha ki ore’ organised by Hindi Vikas Manch Delhi on September 14, 2020.
- v. Resource person in one day National Webinar on “ Nai Siksha neeti mein Bhartiya Bhashaon ka mahtva, Chunaatiyan aur samadhan” organised by “ IQAC and Hindi Department, Narangi Anchalik Mahavidyalaya Guwahati, on august 19, 2020.

- vi. Resource person in a Webinar titled “NEPOTISM” organised by Punerutthan NGO/ Trust, Delhi on July 18, 2020.
- vii. Resource person as special Guest in two day International Webinar on “ Madhyakaleen Sahitya ka Punarpath aur Jambhani Sahitya” organised by ‘Hindi Department, Mumbai University’ and ‘Jambhani Sahitya Academy, Bikaner’ on June 29-30, 2020
- viii. Resource person in two day International Webinar on “Siksha Sahitya evam Sanskriti: Jeevan Moolya” organised by ‘Akhil Bhartiya Sahitya Parishad’ on June 06-07, 2020

He has edited books:

- i. Editor of a book Titled “Madhyakaleen Sahitya Chintan Vividh Aayaam” published by Sanjay Prakashan, New Delhi in 2020, ISBN No. 978-93-88107-74-7
- ii. Editor of a book Titled “Gorakhbani” published by Radhakrishna Paperbacks, New Delhi in 2020, ISBN No. 978-81-8361-974-5

Published the following paper:

- i. Pandey, Darshan (2020) “Kavi Rakesh Mishra ki Kavitayen: Jeevananubhavon evam samvednaon ke bahurangi chitra” Journal of Hindi named ‘Samsamyik Srijan’, Year 10, Issue 2, Oct-Dec. 2020, Page- 8-10, ISSN No. 2320-5733

Received the following awards/honors:

- i. Honored by Red Diamond achievers award 2020 for contribution in the field of Literature, Education and Research from NRB Foundation and Bhavya International, Rajasthan

V. Dr. Raj Kumari

She has attended the following programmes:

- i. One week FDP “E-Content Generation and Managing Online Teaching” from December 11-17, 2020 organized by Sri Aurobindo College in collaboration with Mahatma Hansraj College, University of Delhi.
- ii. One week FDP “Teaching and Learning in Post Covid Era” from January 15-21, 2021 organized by St Joseph’s College in collaboration with SGBT Khalsa College, University of Delhi.
- iii. Refresher Course “Exploring the Inter-linkages Between Literature, History, Politics and Other Related Themes” from 30th January 2021 to 12th February 2021 organized by PGDAV college in collaboration with Ramanujan College, University of Delhi.
- iv. One week FDP “Safety and Hygiene in online (Cyber) World” from March 1-8, 2021 organized by Ramanujan College, University of Delhi.
- v. One week FDP “Academic Writing” from March 12-18, 2021, organized at Ramanujan College, University of Delhi.
- vi. National Webinar on “Ethics and Research” held on February 24, 2021 organized by Gujarat University, Ahmedabad sponsored by UGC.

VI. Dr. Sarita

She has participated in:

- i. National Webinar titled Vaishvik Vipda aur Sahitya Karon ki bhoomika, on August 19, 2020 organised by Seth Foolchand Agarwal Smriti Mahavidyalaya, Raipur, Chattisgarh.
- ii. National Webinar titled Hindi Sahitya ka ritikal kuchh prasang kuchh prashn on July 26, 2020 organised by Sanchi Bodh Bharatiya Gyan Addhyayan Vishwavidyalaya, Hindi Vibhag.
- iii. National Webinar titled 'New Education Policy 2020' on September 24, 2020 organised by NSS Unit, Shivaji College, University of Delhi.
- iv. International Webinar titled 'Power of Scientific Meditation for Rise in Life' on November 19, 2020 organised by NSS Unit, Shivaji College, University of Delhi.
- v. National Workshop titled 'The Regeneration of Indian Society in the Light of Constructive Programs of Mahatma Gandhi' organised by Gandhi Bhawan, University of Delhi.

VII. Dr. Kanchan

She has served as

- i. Member of organising committee of Inter College Competition on the occasion of Vishv Hindi Divas held on January 09-10 , 2021 organised by Department of Hindi.
- ii. Member of organising committee of InterCollege Competition held on April 24, 2021 organised by EOC, Shivaji College

She has participated

- i. One week FDP on Shikshan Prashikshan Me Kala Sanskriti Ke Aayam Organised by Mahatma Hansraj Faculty Development Centre, Hansraj College from February 26-March 4, 2021.
- ii. One week FDP on Hypothesis Testing and Techniques for Data Analysis Organised by Mahatma Hansraj Faculty Development Centre, Hansraj College from March 5-11, 2021.

VIII. Dr. Tarun

He has served as:

- i. Co-convener in a National Webinar on 'Matribhasha aur Rashriya Shiksha Neeti 2020' held on International Mother Tongue Day i.e. February 21, 2021 organised by Sahitya Sangam, Shivaji College.

He has attended:

- i. An online International Conference on 'Vaishvik Paridrishya Me Bhartiya Sanskriti' held on May 11, 2020 organised by Ramanujan College, University of Delhi

- ii. An online International conference on ‘Vaishvik Paridrishya me Hindi Shikshan’ held on June 13, 2020 organised by ARSD College, University of Delhi
- iii. Two day online International conference on ‘Bhasha Shikshan ke Vividh Praroop Evam Chunautiyan’ held on November 2-3, 2020 organised by IP College, University of Delhi
- iv. Three Day National Webinar on ‘Rashritya Shiksha Neeti: Bhartiya Bhashayein aur Anuvad’ on August 5-7, 2020 jointly organised by Hansraj College and Commission for Scientific and Technical Terminology, Ministry of Education, Govt. of India

12. DEPARTMENT OF HISTORY

Enriched by a competent and committed faculty, the Department of History engages students through a multi-layered pedagogic method along with mentoring them. There is a constant interface between students and teachers within and beyond the classroom to help them comprehend issues in a more nuanced manner and analyze and interpret their discipline critically. They are equipped to connect the manifold undercurrents of historical development from the evolution of humankind through the process of change, continuity and assimilation. The Department organises annual international/ national seminars, museum tours, heritage walks and historical tours to expose students to diverse ways of engaging with History. Debate, quiz, painting, slogan writing, film reviews, poetry recitation and character play competitions aid the learners to hone their skill and talent with dexterity.

I. Dr. Khurshid Khan

- i. Was invited for a discussion on: ‘Sufi Parampara and Hindustani Rawāyat’ – in the program Paigham- e-Hind: Hindustani Tehzeeb ka Aina- broad cast on DD Urdu on March 1, 2021 at 9:30 pm (Available on YouTube).

Published the following papers:

- i. Ramzan Reflections: Charity as a Way of Life, *Salaam*, Vol. 41/No. 4. (October, 2020), pp. 183-87.
- ii. *Charity in Medieval Sufi Islam: Spiritual Dimensions*, International Journal of Linguistics and Translation, Vol 4. /No. 5 (May, 2021), pp. 279-288.
- iii. Has been continuing as the Managing Committee Member of Salwan Public School, Rajendra Nagar & Salwan Junior School Narina, since 2018.

II. Dr. Amarjiva Lochan

- i. 2020 jointly authored a book, *Learning from Wisdom of Indian Role Models* (เรียนรู้อัจฉริยะจากบุคคลต้นแบบอินเดีย) Bangkok: CBS, Mahidol University ISBN: 9786164434462

Did the following online courses: -

- i. Columbia University- A course study on Indian and Tibetan River of Buddhism
- ii. Harvard University: A course study on China’s First Empires and the Rise of Buddhism
- iii. Harvard University: A course study on China’s Political and Intellectual Foundations:

From Sage Kings to Confucius

- iv. Certificate in Prakrit, Central Sanskrit University

III. Dr. Shama Mitra Chenoy

- i. Delivered a Lecture on ‘A Stroll in the Past: Chandni Chowk and Jama Masjid’ at the Karwaan Online History Festival. Season 2 on July 8, 2020[Available on YouTube]

Published the following research papers: -

- i. Dynamics of Mofussil Delhi 1858-1911- 31. *International Journal of Historical Insight and Research*. Vol.- 6/ No.- 4: pp. 1-8 (Oct- Dec 2020).
- ii. “Delhi: British and Khattris in 1800’s”, *Anvesak*, Vol. 50, No. 7 (XII) PP. 145- 149, (Oct- Dec 2020).
- iii. Discovering the City and its Environs Ramji Das and his Tareekh-o Aasar-e Dehli. *International Journal of Historical Insight and Research*. Vol.- 7/ No.- 1: pp. 30-36 (January- March 2021).

13. DEPARTMENT OF MATHEMATICS

The Department of Mathematics of Shivaji College comprises of highly qualified and dedicated faculty that specialise in diverse areas of mathematics. Apart from putting in constant sincere efforts to help the students, teachers are constantly engaged in research activities/projects and updating themselves on the latest in the subject by participating in various national/international seminars. Faculty members have also received awards, presented papers in national/international conferences and have been resource persons in various national/international level workshops/conferences.

I. Prof. Shiv Kumar Sahdev

- i. He has been promoted to Professor in the Department of Mathematics, Shivaji College on March 2, 2021.
- ii. He has assumed the responsibility of Acting Principal, Shivaji College on March 2, 2020 and subsequently became Officiating Principal, Shivaji College on September 2, 2020.

II. Dr. Mridula Budhraj

She has participated in the following programmes:

- i. Delivered a lecture as Resource Person on 3rd February, 2021 on the topic “Making Mathematics Teaching Interesting” under the Gyan Ganga Programme jointly organised by “Commissionerate College Education, Rajasthan, Jaipur” and “Raj Rishi College, Alwar”.

III. Dr. Surbhi Madan

She has participated in the following programmes:

- i. Attended Webinar series (professional) on “Transforming Teaching Learning Process using ICT Tools” organised by PGDAV College, University of Delhi, from August 28-30, 2020.
- ii. Chaired a session in the “1st National Conference on Application of Mathematical Tools in Social Sciences and Sciences (Online)” held on October 17-18, 2020 in Zakir Husain Delhi College (University of Delhi).
- iii. Attended one-day national level workshop on ‘Various Aspects of Research Funding, Academic Writing and Publication Ethics’ organised by research cell, Shivaji College on January 30, 2021.
- iv. Delivered a lecture (online) on career opportunities in Mathematics at the lecture series on “Careers in STEM and scholarship schemes floated by DST and DBT” on May 29, 2021 under Vigyan Jyoti Program.
- v. Coordinator for College application for India Today Ranking 2021.
- vi. Member of screening committee for promotion of faculty members.

IV. Mr. Ashesh Kumar Jharwal

He has participated in the following programmes:

- i. National Webinar- I “Impact Centric Research: Funding Opportunities and Challenges in framing Successful Research Proposal” held on July 11, 2020.
- ii. Webinar on Stress Management in the Times of COVID-19 Pandemic organised by Women’s Development Cell, Shivaji College, University of Delhi on July 22, 2020.
- iii. Two Days Online National Workshop entitled “Online Teaching-Learning using LMS - MOODLE” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on July 24-25, 2020.
- iv. One Week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” August 18-25, 2020.
- v. Webinar entitled “Promotional Avenues for Teachers in Higher Education: CAS Regulations- 2018” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD on September 5, 2020.
- vi. Webinar on “National Education Policy (NEP) 2020 for Quality Higher Education” by Professor A.K. Bakhshi, organised by the Department of Chemistry, Shivaji College, University of Delhi on September 19, 2020.
- vii. Online Course on “ Microsoft Excel : Zero to Hero” organised by Ramanujan College, University of Delhi and The Internet College, Mathematical Science Foundation, New Delhi September 21-October 07, 2020.
- viii. International Webinar on “The Malleable Brain” organised by the Department of

Biochemistry, Shivaji College, University of Delhi, under the aegis of DBT sponsored Star College Scheme on October 10, 2020.

V. Dr. Kumari Priyanka

She has served as:

- i. Project Investigator of Science and Engineering Research Board (SERB) sponsored Major Research Project under Mathematical Research Impact Centric Support (MATRICS) scheme entitled “Development of Tuned Estimation Methodologies for Modelling Non Sampling Errors in Survey Sampling”; Reference No. [MTR/2019/000329].
- ii. Ph. D. Guide of Ms Pidugu Trisandhya registered with University of Delhi [Reference No. BRS(MS)/248/2018/406].
- iii. Resource Person and delivered an invited lecture entitled “Statistical Modelling of Dynamic Sensitive Issues” on January 16, 2021 in Online two-day International Conference entitled Advancement in Mathematical Sciences and its Applications held on January 16-17, 2021 organised by Ram Krishna College, Madhubani, Bihar.
- iv. Resource person and delivered an invited lecture entitled “The basics of Biostatistics” on January 13, 2021 for students of Biochemistry under DBT sponsored Star College Scheme at Shivaji College.
- v. Convener of One day National Level workshop on “Various aspects of research funding, academic writing and publication ethics” organised on January 20, 2021 at Shivaji College (University of Delhi), New Delhi- 110027.
- vi. Convener of National Webinar-I entitled “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised on July 11, 2020 at Shivaji College (University of Delhi), New Delhi-110027.

She has participated in the following programs:

- i. Two Day National Workshop on Getting Aligned to the Publishing Process-Author Workshop organised by Research Academy, Elsevier on September 25-28, 2020.
- ii. International Webinar on “The Role of Mathematics in Present Global Crises” held from August 5-7, 2020 organised by Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal, India.
- iii. National Webinar on “Tourism in Space: A Mathematical Overview” held on September 03, 2020 organised by Department of Applied Sciences, Galgotias College of Engineering and Technology, Greater Noida, India.

She has published/co-published the following papers:

- i. Priyanka, K. (2021). Tuning design weights to deal with non-response in successive sampling. *Model Assisted Statistics and Applications*, DOI 10.3233/MAS-210522 (In press)
- ii. Kumar, D. N. and Priyanka, K. (2021). An extensive assessment of ambient air quality

in city Delhi: Air quality monitoring, source apportionment and Analysis. *Journal of Indian Association for Environmental Management*, Vol 41(1): pp 54-67.

- iii. Priyanka, K., Kumar, A. and Trisandhya, P. (2021). Calibration estimators for quantitative sensitive mean estimation under successive sampling . *Communications in Statistics - Theory and Methods*, Vol 50 (6): pp 1341-1361.
- iv. She has published the following chapter:
- v. Priyanka, K. (2021). Analysis of Sampling on Successive Occasions. In Yadav, D.K., Yadav, S.K, Singh, A. & Kumar, S. (Eds.), *Advance Research Trends in Statistics and Data Science* (pp. 1-13), Lucknow, U.P., India: MKSES Publishing (Registered with Department of Higher Education, Ministry of Education, Government of India). ISBN: 978-81-949305-4-9

She has received the following awards/honors:

- vi. International Innovative Women Scientist Award 2021 in Mathematical Sciences by Center for Professional Advancement, West Midlands, United Kingdom lionised on the eve of International Women’s Day 2021.
- vii. She has served as the reviewer of following reputed international journals:
- viii. Model Assisted Statistics and Applications [Manuscript Id: MASA1237/2020]
- ix. Proceedings of National Academy of Sciences, Physical Science [Manuscript Id: NASA-D-20-00271]
- x. Pakistan Journal of Statistics [Manuscript ID: MS# 201003]
- xi. Journal of Statistical Theory and Practices [Manuscript Id: JSTP-D-20-00215]
- xii. She has recorded 26 video lectures for students during pandemic raised due to COVID-19 that are available on YouTube. The same are also available at
- xiii. <https://sites.google.com/view/kumari-priyanka/students-corner>

VI. Dr. Shilpi Verma

She has participated in the following programmes:

- i. Attended five days national hands-on-workshop on MOODLE: An Online Learning Management System organised by Department of Biochemistry, Institute of Home Economics (IHE), University of Delhi from July 1-5, 2020.
- ii. Attended National Webinar- I “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” held on July 11, 2020 organised by Shivaji College, University of Delhi.
- iii. Attended Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” from August 18-25, 2020 under the most coveted MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi.

She has received the following award:

- i. Outstanding Scientist Award in the 7th International Scientist Awards on Engineering, Science and Medicine held on Jul 4-5, 2020 in Coimbatore, India, organised by VDGGOOD professional association.
- ii. She is an active member of VDGGOOD professional association from May 2020 to July 5, 2021.
- iii. She served as organising committee member of the Diamond Jubilee Celebration committee and successfully organised the Lectures/Webinars by:
- iv. Prof. M. Jagadesh Kumar (Vice Chancellor, JNU) and Prof. P. C. Joshi (Pro Vice-Chancellor, University of Delhi) on the topic “Self Reliant India” during the inaugural function of Diamond Jubilee Celebration of Shivaji College held on October 30, 2020.
- v. Prof. Rakesh Bhatnagar (Vice-Chancellor, BHU) on the topic “Good quality early education is the first step towards transforming India” on November 30, 2020.
- vi. Dr. V. Ramgopal Rao (Director, IIT Delhi) on the topic “Education, Research & Innovation in the 21st Century: The Changing Role of Academic Institutions” on February 25, 2021.

VII. Dr. Vandana

She has participated in the following programmes:

- i. Attended an online FDP on “GeoGebra” organised by Department of Mathematics, R. K. College, Madhubani, Bihar in association with Spoken Tutorial Software Training Project developed by Indian Institute of Technology - Bombay, an initiative of National Mission on Education through ICT, MHRD, Govt. of India from May 6-12, 2020.
- ii. Attended National Webinar- I “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” held on July 11, 2020 organised by Shivaji College, University of Delhi.
- iii. Attended one week online FDP on “Applications of Algebra and Number Theory in Network Security” during December 22-29, 2020 organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.
- iv. Attended One-day National Level Workshop on ‘Various Aspects of Research Funding, Academic Writing and Publication Ethics’ organised by Research Cell, Shivaji College (University of Delhi), Delhi, India on January 30, 2021.
- v. Team Co-coordinator of application submitted by Shivaji College to ‘India Today-MDRA Best Colleges Ranking 2021’.
- vi. Attended Teacher’s Enrichment Workshop on Differential Equations and Its Applications TEW-DEA 2021 organised by the Department of Mathematics, Deshbandhu College, University of Delhi, in collaboration with the National Centre for Mathematics (A Joint centre of TIFR and IIT Bombay) during March 15-28, 2021.

VIII. Dr. Neetu Rani

She has served as:

- i. Principal Investigator of College Research Cell, Shivaji College (University of Delhi), Delhi sponsored Minor Research Project “Yield Estimation of Baby Corn (*Zea Mays* L.) using Mathematical Modelling”; Reference No. [MRP/2020/0001].
- ii. Organised as a member, Organising Committee the One-day National Level Workshop on “Various Aspects of Research Funding, Academic Writing and Publication Ethics” held on January 30, 2021 organised by Research Cell, Shivaji College, University of Delhi, Delhi.
- iii. Organised as a member, Organising Committee the National Webinar-I “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” held on July 11, 2020 organised by Research Cell, Shivaji College, University of Delhi, Delhi.

She has participated in the following programs:

- i. Participated in Two Weeks Refresher Course in Mathematics from March 16-30, 2021 organised by Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi under the Aegis of Ministry of Education, Government of India, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) in collaboration with Department of Mathematics, Ramanujan College, University of Delhi, Delhi.
- ii. Attended online National Level Workshop “Under Paramarsh Scheme” of UGC on “Vedic Maths: A Life Skill” held on February 12, 2021 organised by Department of Mathematics in collaboration with IQAC of MDSD Girls College, Ambala City.
- iii. Participated in One-day National Level Workshop on “Various Aspects of Research Funding, Academic Writing and Publication Ethics” held on January 30, 2021 organised by Research Cell, Shivaji College, University of Delhi.
- iv. Participated in One Week FDP on “Ict Enhanced Teaching Learning and Creating MOOCs” from August 18–25, 2020 organised by Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi and IQAC, Shivaji College, University of Delhi, Delhi sponsored by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).
- v. Participated in National Webinar-I “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” held on July 11, 2020 organised by Research Cell, Shivaji College, University of Delhi.
- vi. Participated in One Week FDP on “Open Source Tools for Research” from June 08–14, 2020 organised by Teaching Learning Centre, Ramanujan College, University of Delhi, sponsored by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).
- vii. Participated in Two Weeks FDP on “Managing Online Classes and Co-Creating MOOCs:2.0” from May 18 – June 03, 2020 organised by Teaching Learning Centre,

Ramanujan College, University of Delhi, sponsored by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).

- viii. Participated in the online National Webinar entitled “Data Analysis and Statistical Computing” held on May 27, 2020 organised by Department of Statistics, Institute of Social Sciences, Dr. Bhimrao Ambedkar University, Agra.
- ix. Achieved Basic Level Certification after attending Online Workshop on “Smart Skills for Online Teaching” issued on May 17, 2020 organised by Smart SIKSHAA.
- x. Participated in a Webinar on “Botanical Secrets for Wellness: Clued from Nature’s Signature” held on May 16, 2020 under the Aegies of IQAC organised by the Phytomics (Department of Botany): The Botanical Society of Bhaskaracharya College of Applied Sciences (University of Delhi), Delhi.
- xi. Participated in the Webinar on “Protecting from Corona: Innovative approaches and Solution” held on May 16, 2020, organised by National Council for Science & Technology Communication, Department of Science and Technology, Government of India and Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat.
- xii. Participated in Webinar series, Session 1: Scientific Approach for Solving Societal Problems, held on May 15, 2020 organised by Department of Biochemistry (Under the aegies of IQAC), Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, Delhi.
- xiii. Participated in the Webinar on “S & T Intervention in fighting COVID 19 pandemic” held on May 15, 2020, organised by National Council for Science & Technology Communication, Department of Science and Technology, Government of India and Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat
- xiv. Participated in the Webinar on “Coronavirus Lockdowns: Effects on seismic noise and seismicity” held on May 14, 2020, organised by National Council for Science & Technology Communication, Department of Science and Technology, Government of India and Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat.
- xv. Participated in the National Webinar on “Impact of COVID-19 on Commerce & Tourism Industry” held on May 14, 2020 organised by Centre for Human Excellence, RUSA 2-Component 8, Shri Vile Parle Kelavani Mandal’s Mithibai College of Arts, Chauhan Institute of Science and Amrutben Jivanlal College of Commerce & Economics, Vile Parle, Mumbai.
- xvi. Participated in the Webinar on the theme “Constructive Living and Education in the times of Corona Crisis” held on May 13, 2020 organised by Internal Quality Assurance Cell, Shivaji College, University of Delhi, Delhi.

- xvii. Participated in Two Day Webinar “Myths and truths of fitness and corrective exercises for various body deformities” held during May 12-13, 2020 organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, A Centre of MHRD, Govt. of India, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).
- xviii. Participated in the Webinar on “Genome sequencing in search of vaccine for coronavirus” held on May 13, 2020, organised by National Council for Science & Technology Communication, Department of Science and Technology, Government of India and Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat.
- xix. Participated in the International Webinar on “COVID-19: Considerations for Vaccine” held on May 12, 2020 organised by Centre for Human Excellence, RUSA 2-Component 8, Shri Vile Parle Kelavani Mandal’s Mithibai College of Arts, Chauhan Institute of Science and Amrutben Jivanlal College of Commerce & Economics, Vile Parle, Mumbai.
- xx. Participated in the Webinar on “Learning to live with virus” held on May 12, 2020, organised by National Council for Science & Technology Communication, Department of Science and Technology, Government of India and Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat.
- xxi. Participated in the Webinar on “Communicating Science to the Citizen during COVID 19 pandemic: Be prepared not panic” held on May 11, 2020, organised by National Council for Science & Technology Communication, Department of Science and Technology, Government of India and Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat.
- xxii. Participated in the Webinar on “Virus free veggies and fruits: Sanitizing in organic way” held on May 10, 2020, organised by National Council for Science & Technology Communication, Department of Science and Technology, Government of India and Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat.
- xxiii. Participated in the National Webinar on “Cyber Crime during Corona virus era; it’s prevention and protection” held on May 7, 2020 organised by Centre for Human Excellence, RUSA 2-Component 8, Shri Vile Parle Kelavani Mandal’s Mithibai College of Arts, Chauhan Institute of Science and Amrutben Jivanlal College of Commerce & Economics, Vile Parle, Mumbai.
- xxiv. Participated in Three Day Webinar “Covid 19: Challenges and Road Ahead” held during May 7-9, 2020 organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, A Centre of MHRD, Govt. of India, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT).
- xxv. Participated in Five Days Webinar Series “Quality Assurance in Higher Education:

Practices And Issues” held during May 4th – 8th, 2020 organised jointly with IQAC, Hansraj College, University of Delhi, Delhi, under PARAMARSH, a UGC scheme for mentoring NAAC accreditation aspirant institutions to promote quality assurance in higher education University of Delhi, A Centre of MHRD, Govt. of India, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT).

- xxvi. Participated in One Day FDP: National Webinar entitled “Challenges & Opportunities before Indian Higher education due to Covid-19” organised by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on May 2, 2020.
- xxvii. Participated in One Day FDP: National Webinar entitled “Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities” organised by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD held on May 1, 2020.
- xxviii. Participated in the Webinar on “Graph Theory & Petri Nets Applications” held on May 1, 2020 organised by Department of Mathematics, Shyama Prasad Mukherji College for Women, University of Delhi, Delhi.
- xxix. Participated in One Day Webinar “Leadership Role in Uncertain Times” held on April 30, 2020 organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, A Centre of MHRD, Govt. of India, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT).
- xxx. Participated in One Day Webinar “Teachers and Technology: The Road Ahead” held on April 25, 2020 organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, A Centre of MHRD, Govt. of India, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT).

She has Presented/Participated in the following International Conferences:

- i. Neetu Rani; February 16-17, 2021; Attended the International Conference on Sustainable Development: Modeling and Optimization (ICSDMO) 2021 organised by Operational Research Society of India, Meerut Chapter.
- ii. Neetu Rani ; December 28-30, 2020 ; Participated in the 35th Annual Conference of the Ramanujan Mathematical Society organised by Department of Mathematics, Central University of Rajasthan, Kishangarh, Ajmer.
- iii. Neetu Rani; December 18-20, 2020 ; Participated in the 26th International Conference of IAPS (Online) on Advances in Differential Equations & Mathematical Modelling (IC-ADE-MM-2020) jointly organised by School of Computational and Integrative Sciences, JNU, New Delhi & International Academy of Physical Sciences (IAPS).
- iv. Neetu Rani ; May 9-11, 2020 ; Participated and Presented a Research Paper entitled “Geometrical Description of Vedic Fire Altar-Falcon” in the Online International

Conference “Vedic Knowledge: The Highest Contribution of Aryavarta to the World” organised by PCM SD College for Women, Jalandhar.

IX. Dr. Jeetendra Aggarwal

He has participated in the following programmes:

- i. Participated in FDP on Applications of Mathematics in Business and Social Sciences organised by Department of Mathematics, Miranda House, University of Delhi in association with MHFDC under PMMMNTT from March 18 -24, 2021.

X. Ms. Deepti

She has participated in the following programmes:

- i. Participated - National Webinar on Cyber Security organised by Department of Mathematics, Shaheed Bhagat Singh College, University of Delhi on June 26, 2020.
- ii. Participated - National Virtual Seminar On “Mathematical Thinking” organised by Department of Mathematics, S.D. College, Barnala on July 06, 2020.
- iii. Participated - National Webinar “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Shivaji College, University of Delhi on July 11, 2020.
- iv. Participated- International Webinar Series on “Compact Radiation Sources and Applications in Sciences” organised by Raj Kumar Goel Institute of Technology, Ghaziabad on September 14-16, 2020.
- v. Participated - National Webinar “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” organised by department of Chemistry of Shivaji College, University of Delhi on September 26, 2020.
- vi. Participated- One Week FDP on GeoGebra organised by Department of Mathematics, R. K. College Bihar in association with Spoken Tutorial Software Training Project developed by Indian Institute of Technology - Bombay, an initiative of National Mission on Education through ICT, MHRD, Govt. of India from May 6-12, 2020.
- vii. Participated - One Week National FDP and Online Training on “R Programming” hosted by Prakasam Engineering College, Kandukur In association with Spoken Tutorial Project, IIT-Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India (May 22-28, 2020).
- viii. Participated- Online Invited Talk on Professional Ethics for Teachers: Duties & Responsibilities, organised by the Department of Mathematics, R. K. College Bihar on May 24, 2020.
- ix. Participated – One-week FDP on Python 3 organised by the University Department of Mathematics, TMBU, Bhagalpur from June 8-14, 2020. 19. Participated – One Week Pedagogical Training for Teachers on Tools for Online Teaching Learning and Evaluation, from July 1-6, 2020, organised by School of Mathematical Sciences, Swami

Ramanand Teerth Marathwada University, Nanded.

- x. Participated – One-week FDP on Application of Mathematical Sciences in Engineering and Technology organised by TEQIP-III RTU(ATU) from September 23-27, 2020.
- xi. Completed the COVID-19 training for NCC Cadets on May 2, 2020 conducted by the Department of Personnel and Training under IGOT.
- xii. Got Appreciation letter from Brig. Harbir Singh, YSM SM (Group Commander) for excellent contribution in NCC activities.
- xiii. Detailed to deliver lecture in Orientation programme of CTs at 7DGBN NCC Kirti Nagar on March 26, 2021.
- xiv. Participated - Refresher Course conducted by Teaching Learning Centre of Ramanujan College University of Delhi under PMMMNTT from March 16-30, 2021 with A+ grade.

XI. Mr. Satish Kumar

He has participated in the following programmes:

- i. Attended an online FDP on “GeoGebra” organised by Department of Mathematics, R. K. College, Madhubani, Bihar in association with Spoken Tutorial Software Training Project developed by Indian Institute of Technology - Bombay, an initiative of National Mission on Education through ICT, MHRD, Govt. of India from May 6-12, 2020.
- ii. Presented a paper at a national conference of Ramanujan Mathematical Society organised by Central University of Rajasthan, Kishangarh, Ajmer held on December 28-30, 2020.
- iii. Presented a paper at an International Conference: International conference on Sustainable Development: Modeling and Optimization organised by Operational Research Society of India, Meerut Chapter held on Feb 16-17, 2021.
- iv. Presented a paper at a national conference “National Conference on Pure and Applied Mathematics” organised by NIT Manipur, Imphal, Manipur, India held on March 6-7, 2021.

XII. Mr. Mukesh Kumar

He has participated in the following programmes:

- i. Attended Online FDP on “GeoGebra” organised by Department of Mathematics, R. K. College in association with Spoken Tutorial Software Training Project developed by Indian Institute of Technology - Bombay, an initiative of National Mission on Education through ICT, MHRD, Govt. of India from May 6-12, 2020.
- ii. Attended and presented a research paper in “National Conference on Pure and Applied Mathematics” organised by NIT, Manipur Imphal Manipur, India From March 6-7, 2021.

Publication:

- i. Published a Research Paper titled “Resonant curve of geo-synchronous satellite including effect of earth’s equatorial ellipticity and resistive force using perturbations technique” in International Journal named New Astronomy, 86 (2021)-101573 .

14. DEPARTMENT OF PHYSICAL EDUCATION

I. Gaurav Goel

- i. Organised as a co-ordinator, two- week Yoga and Aerobics virtual workshop at Shivaji College, Delhi University on “Health Through Yoga, Meditation and Physical Activity” from July 6-17, 2020.

II. Dr. Amita Handa

- ii. Participated in Webinar on ‘New Global Challenges and Opportunities: What lies Ahead for India?’ organised by Sri Aurobindo College, University of Delhi on July 2, 2020.
- iii. Participated in International Webinar on ‘Exercise and Health in Context of Covid-19’ conducted by Sri Guru Gobind Singh College of Commerce, Participated in on July 13, 2020.
- iv. Organised as a co-ordinator, two- week Yoga and Aerobics virtual workshop at Shivaji College, Delhi University on “Health Through Yoga, Meditation and Physical Activity” from July 6-17, 2020.
- v. Participated in the National Webinar on Anti-Doping Science: Challenges and future perspective on January 28, 2021 organised by PEFI.

15. DEPARTMENT OF PHYSICS

- i. The main aim of the department is to enlighten its students with basic and advanced concepts of Physics which find application in various disciplines of Science, thus generating well-groomed undergraduates who will be strongly engaged in pushing the frontiers of knowledge in physics and its allied areas through scholarly activities.

I. Dr. A. K. Shukla

He has served as:

- i. Organising member in the International Webinar, Recent trends in Material Sciences, organised by Department of Physics, Shivaji College, on October 10, 2020.
- ii. Organising member in the International Webinar, Era of Optical clocks, organised by Department of Physics, Shivaji College, on December 4, 2020.
- iii. Dr. Arunvir Singh

He has served as:

- iv. Organising member in the International Webinar, Recent trends in Material Sciences, organised by Department of Physics, Shivaji College, on October 10, 2020.
- v. Organising member in the International Webinar, Era of Optical clocks, organised by Department of Physics, Shivaji College, on December 4, 2020.

II. Dr. S. K. Yadav

He has served as:

- i. Has participated in National Webinar, Synthesis, Characterization and Applications of Advanced Materials, organised by Department of Physics, RGUKT-Nuzvid, on September 16-17, 2020.
- ii. Organising member in the International Webinar, Recent trends in Material Sciences, organised by Department of Physics, Shivaji College, on October 10, 2020.
- iii. Organising member in the International Webinar, Era of Optical clocks, organised by Department of Physics, Shivaji College, on December 4, 2020.

III. Ms. Bharti

She has served as:

- i. Promoted to Associate Professor w.e.f. March 25, 2021
- ii. Has participated in one-week online FDP, ICT Enhanced Teaching Learning and Creating MOOCs, Organised by Teaching Learning Centre Ramanujan College University of Delhi, and IQAC, Shivaji College University of Delhi, from August 18-25, 2020.
- iii. Has participated in 2 week Faculty Development plan on Research Methodology, organised by Ramanujan College, University of Delhi, from October 1-15, 2020.
- iv. Has participated in National Workshop on Challenges of Teaching Physics Laboratory Course in Online Mode, organised by Kalindi College, University of Delhi, from January 23-25, 2021.
- v. Convenor of International Webinar on “Recent Trends in Material Sciences”, organised by Department of Physics, Shivaji College, on October 10, 2020.
- vi. Convenor of International Webinar on “Era of Optical Clocks”, organised by Department of Physics, Shivaji College, in collaboration with Pabna University of Science and Technology, Bangladesh on December 4, 2020.
- vii. Coordinator of one day online workshop for 4 students of B.Sc. (H) Physics IV Sem to celebrate the National Science Day at Inter-University Accelerator Centre on February 28, 2021.

Published/Co-published the following papers:

- i. Bharti, Karayel A., Gupta M., Ahmad G, Kumar Y, and Sharma S., (2020). Physical properties of heteroatom doped graphene monolayers in relation to supercapacitive performance. *Indian Journal of pure and applied physics*. Vol 58: pp. 885-891.
- ii. Bharti, Ahmed G., Kumar Y., Bocchetta P., and Sharma S., (2021). Determination of Quantum Capacitance of Niobium Nitrides Nb_2N and Nb_4N_3 for Supercapacitor Applications. *Journal of Composite Sciences*. Vol 5: pp. 85.
- iii. Bharti, Ahmed G., Kumar Y., and Sharma S., (2021). DFT computation of quantum capacitance of pure and doped niobium nitrides for supercapacitor applications. *Ceramics International*. Vol. 47: pp. 18948-18955.
- iv. Bharti, Kumar A., Ahmed G., Gupta M., Bocchetta P., Adalati R., Chandra R. and Kumar Y, (2021). *Theories and models of supercapacitors with recent advancements: impact and interpretations*. *Nano Express*. Vol 2: pp. 022004.

V. Dr. Mamta

She has served as:

- i. Promoted to Associate Professor w.e.f. February 15, 2021.
- ii. Convener of National Webinar with theme The Behaviour of Light: Wave or Particle organised by the Department of Physical Science, Shivaji College, University of Delhi on Feb 8, 2021.
- iii. Coordinator of one day online workshop for 4 students of B.Sc. (Prog) Physical Science IV Sem to celebrate the National Science Day at Inter-University Accelerator Centre on February 28, 2021.
- iv. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- v. Organising member in the International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.
- vi. Completed UGC-Sponsored Short Term Course on MOOCs, Online Courses and Open Educational Resources, organised by UGC-HRDC Maulana Azad National Urdu University from December 28-January 2, 2021.
- vii. Completed FDP and achieved grade A+, on E-Content Development & Online Teaching, organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya national mission on teachers and teaching, held from February 7-14, 2021.
- viii. Has completed one-week online FDP and secured A+ grade on ICT Enhanced Teaching Learning and Creating MOOCs, Organised by Teaching Learning Centre Ramanujan College University of Delhi, and IQAC, Shivaji College University of Delhi, from August 18-25, 2020.

- ix. Completed Online Summer School-cum-FDP on Advances in Signal Processing and Machine Learning Jointly organised by MHRD-Institution Innovation Council, DDUC Chapter, Deen Dayal Upadhyaya College, University of Delhi and Department of Electronic Science, University of Delhi & National Academy of Sciences India (NASI) – Delhi Chapter, from July 20-26, 2020.
- x. Completed One Professional Development Hour by attending Special Public Lecture (Webinar) on Empathetic Conversational Artificial Intelligence (AI), jointly organised by The National Academy of Sciences, India (NASI) - Delhi Chapter & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter (University of Delhi) on July 26, 2020.
- xi. Participated in the online lecture on Electrostatics- II, jointly organised by Indian Association of Physics Teachers Regional Council (Delhi & Haryana) & Delhi State Science Teachers on July 25, 2020.
- xii. Completed One Professional Development Hour by attending Special Public Lecture (Webinar) on A Reinforcement Learning Framework for Mobile Relay Beamforming, jointly organised by The National Academy of Sciences, India (NASI) – Delhi Chapter & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter (University of Delhi) on July 24, 2020.
- xiii. Completed One Professional Development Hour by attending Special Public Lecture (Webinar) on when to trust a self-driving car., jointly organised by The National Academy of Sciences, India (NASI) - Delhi Chapter& MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter (University of Delhi) on July 23, 2020.
- xiv. Completed One Professional Development Hour by attending Technical Talk (Webinar) on “The influence of infection on Society before Covid19,” jointly organised by The National Academy of Sciences, India (NASI) - Delhi Chapter & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter (University of Delhi) on July 14, 2020.
- xv. Completed One Professional Development Hour by attending Technical Talk (Webinar) on Are we there yet? How do cells find their way?, jointly organised by The National Academy of Sciences, India (NASI) - Delhi Chapter & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter (University of Delhi) on July 11, 2020.
- xvi. Completed One Professional Development Hour by attending Technical Talk (Webinar) on ‘Can Future Energy Needs be met Sustainably?’ jointly organised by The National Academy of Sciences, India (NASI) - Delhi Chapter & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter (University of Delhi) on July 10, 2020.
- xvii. Participated in National Webinar on Science & Technology for Sustainable

Development in current scenario, organised by Department of Physics, IHL, BPSMV, Khanpur Kalan, Sonapat, Haryana on July 3, 2020.

- xviii. Participated in the National Webinar- I Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal, organised by Research Cell, Shivaji College, University of Delhi, held on July 11, 2020.
- xix. Completed One Professional Development Hour by attending Technical Talk (Webinar) on Flow inside the Sun, jointly organised by The National Academy of Sciences, India (NASI) - Delhi Chapter & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter (University of Delhi) on July 9, 2020.
- xx. Completed One Professional Development Hour by attending Technical Talk (Webinar) on New chemistry and physics in magnetic oxides, jointly organised by The National Academy of Sciences, India (NASI) - Delhi Chapter & MHRD-Institution Innovation Council (IIC) Deen Dayal Upadhyaya College Chapter (University of Delhi) on July 3, 2020.

VI. Dr. Avneet Singh

He has served as:

- i. Organising member in one-week online FDP ICT Enhanced Teaching Learning and Creating Tools MOOCs, Organised by Teaching Learning Centre Ramanujan College University of Delhi, and IQAC, Shivaji College University of Delhi, from August 18-25, 2020.
- ii. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- iii. Organising member in the International Webinar on “Era of Optical Clocks”, Organised by Department of Physics, Shivaji College, on December 4, 2020.
- iv. Course Coordinator for Add on Course in Python, Spoken Tutorial, IIT Bombay conducted by E-Learning Cell.

VII. Ms. Divya Deep Yadav

She has served as:

- i. Organising member of 11-week course on “Learning Physics with Conceptual & Problem-based Approach” organised by The National Academy of Sciences India (NASI) Delhi Chapter from July 27-October 11, 2020.
- ii. Has Participated in FDP on E-content Generation and Managing Online Teaching, organised by Sri Aurobindo College (E) in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi, on December 11-17, 2020.
- iii. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.

- iv. Organising member in the International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.

VIII. Dr. Gyanendra K. Pandey

He has served as:

- i. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- ii. Organising member in the International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.

Published/Co-published the following papers:

- i. Pathak N. K., Sarathi P., Pandey G. K., (2021) Comparative study of thermoplasmonic effects of gold and silver metal nanoparticle. *AIP Advances*, Vol: 11 pp. 045323.

IX. Dr. Harsh Yadav

He has served as:

- i. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- ii. Organising member in the International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.

Published/Co-published the following papers:

- i. Tyagi N., Yadav H., Hussain A., and Kumar B., (2021). Development of new L- Serine Squarate single crystal: Growth, structure, Hirschfeld surface analysis with enrichment ratio of atomic contacts. *Journal of Molecular Structure*. Vol 1224: pp 129190.

X. Dr. Nidhi Tyagi

She has served as:

- i. Has participated in 20th International Workshop on Computational Physics and Materials Science: Total Energy and Force Methods, organised by International Center for Theoretical Physics, Italy, from February 23-25, 2021.
- ii. Has participated in FDP on Advances in Computational and Experimental Research in Physics, organised by SRM Institute of science and technology, Chennai, from July 27–August 8, 2020 and received Highest Grade in CSIR Summer Research Project work.
- iii. Has participated in CSIR Summer Research Training Program 2020, organised by CSIR - NEIST, Jorhat, from June-August 2020 and received highest grade in CSIR Summer Research Project work.
- iv. Has participated in a short term course on Nanomaterials for Clean Energy and Environment Applications, organised by Dr. Mahalingam College of Engineering and Technology Anna University, Chennai from November 2-7, 2020.

- v. Has participated in One Day International Webinar on Engineered Nanostructures for Therapeutic and Biomedical Applications, organised by RPS Degree College, Haryana on July 3, 2020.
- vi. Has participated in National Webinar-I entitled “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Shivaji College, University of Delhi on July 11, 2020.
- vii. Has participated in short term course on Current Trends in Condensed Matter Physics, organised by Dr. B. R. Ambedkar National Institute of Technology Jalandhar, from September 25-29, 2020.
- viii. Has Participated in Summer school on theme Rigaku School of Practical Crystallography, organised by Rigaku School of Practical Crystallography, Asia Pacific, from July 6-17, 2020. Passed the Rigaku school of practical crystallography test with honour.
- ix. Has participated in National Workshop on Challenges of Teaching Physics Laboratory Course in Online Mode, organised by Kalindi College, University of Delhi, from January 23-25, 2021.
- x. Has participated in Programming and Software tools for UG Courses, 3 days Online Workshop organised by Rajdhani College, University of Delhi, held from March 19-21, 2021.
- xi. Has participated in Webinar “Emerging Trends in Contemporary Physics on Challenges of Teaching Physics” organised by Deshbandhu College, University of Delhi, from March 30-31, 2021.
- xii. Organising member in the International Webinar on “Recent trends in Material Sciences, organised by Department of Physics, Shivaji College, on October 10, 2020.
- xiii. Organising member in the International Webinar on “Era of Optical Clocks”, organised by Department of Physics, Shivaji College, on December 4, 2020.

Published/Co-published the following papers:

- i. Tyagi N., Yadav H., Hussain A., and Kumar B., (2021). Development of new L- Serine Squarate single crystal: Growth, structure, Hirschfeld surface analysis with enrichment ratio of atomic contacts. *Journal of Molecular Structure*. Vol 1224: pp 129190.
- ii. Research Project Undertaken:
- iii. She has served as a Project Investigator of Minor Project entitled “Synthesis and
- iv. Characterization of Multifunctional ZnO Nanoparticles for Biomedical, Piezoelectric
- v. and Ferroelectric Applications” sanctioned by Research cell, Shivaji College, Raja Garden, New Delhi 110007

XI. Dr. Neeti Goel

She has served as:

- i. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- ii. Organising member in the International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.
- iii. Has participated in National Workshop on Challenges of Teaching Physics Laboratory Course in Online Mode, organised by Kalindi College, University of Delhi, from January 23-25, 2021.
- iv. Has participated in online Lecture series, organised by Indian association of physics teachers, on August 18, 2020.

XII.. Ms. Preetika Dhawan

She has served as:

- i. Has participated in International Conclave on Contemporary Physics The New Paradigm shift -II Series, organised by IQAC, Rajdhani College, University of Delhi, held from February 27 -28, 2021.
- ii. Has participated in one-week online FDP, ICT Enhanced Teaching Learning and Creating MOOCs, organised by Teaching Learning Centre Ramanujan College University of Delhi, and IQAC, Shivaji College University of Delhi, from August 18 -25, 2020.
- iii. Investigator of research project “Tracing the terrestrial - Remote operated spy robot with joystick steering control system.”
- iv. Has secured Runner up award for Best Innovative and Entrepreneurial Idea in Two-day workshop on Grant Writing Process for Innovative and Entrepreneurial ideas jointly organised by Chitkara University, Punjab, and IGDTUW, Delhi, on July 30-31, 2020.
- v. Has participated in International Webinar on After the Bomb – Life Story of a Hibakusha, under Nuclear Energy Impact Awareness Programme, organised by Research Cell in association with ICAN and PEACE BOAT, Bhagini Nivedita College, Delhi University from January 30- February 6, 2021.
- vi. Organising member cum participant of National Webinar on The Behavior of Light: Wave or Particle, organised by Dept of Physical Science, Shivaji College on February 8, 2021.
- vii. Has participated in Programming and Software tools for UG Courses, three days Online Workshop organised by Rajdhani College, University of Delhi, held from March 19-21, 2021.
- viii. Organising member in the International Webinar on Recent trends in Material

Sciences, organised by Department of Physics, Shivaji College, on October 10, 2020.

- ix. Organising member in the International Webinar on Era of Optical clocks, organised by Department of Physics, Shivaji College, on December 4, 2020.

XIII. Dr. Priyanka Verma

She has served as:

- i. Has completed a certificate course (six months) of “Ethical Hacking” held at at DICCC Institute, New Delhi, from July - December 2020.
- ii. Has done a National level Add-on course on LEGAL AWARENESS, Organised by Placement Cell of Shivaji College, University of Delhi, India in collaboration with West District Legal Services Authority, New Delhi from Jan 18th- Feb 8, 2021.
- iii. Has participated in National workshop on Various Aspects of Research funding, Academic Writing and Publication Ethics, organised by Research Cell, Shivaji College, University of Delhi on January 30, 2021.
- iv. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- v. Organising member in the International Webinar on “Era of Optical Clocks”, Organised by Department of Physics, Shivaji College, on December 4, 2020.

XIV. Ms. Rachna Chaurasia

She has served as:

- i. Organising member in the International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.
- ii. Has participated in National Workshop on Challenges of Teaching Physics Laboratory Course in Online Mode, organised by Kalindi College, University of Delhi, from January 23-25, 2021.

Published/Co-published the following papers:

- i. Chaurasia R., Ashokan A., Kumar K, Pramanik A.K., (2021). Low-temperature ferromagnetism in perovskite SrIrO₃ films. *Physical Review B*. Vol. 103: pp. 064418.

XV. Dr. Radheshyam Nokwal

He has served as:

- i. Organising member in the International Webinar, Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- ii. Organising member in the International Webinar, Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.

XVI. Dr. Ravindra Singh

He has served as:

- i. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- ii. Organising member in the International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.
- iii. Has participated and secured 96 % in National Level E-quiz competition on Mathematics & Mathematicians, organised by Department of Mathematics, Government Shyama Prasad Mukherjee College Sitapur, Chhattisgarh on August 25, 2020.
- iv. Has participated in Workshop on Web Development Using CMS conducted on October 18, 2020.
- v. Has participated in Data Mining in Cyber Crime (Detecting Trends and Scams in Virtual World), organised by IFO Forensic Standards & Research P. Ltd. on October 2, 2020.
- vi. Has participated in 10 Days online certificate course on ‘Cyber Security & Cyber Ethical Hacking’, organised by IQAC cell Hansraj College (University of Delhi) from August 10–21, 2020.
- vii. Has participated in 2 weeks FDP and secured grade A, on ICT Based New Paradigm of E-Teaching and E-Learning: Digital Pedagogy under the aegis of MHRD, Department of Computer Science, Mata Sundri College for Women (University of Delhi) in collaboration with Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT), from September 15-30, 2020.
- viii. Has participated in 2 weeks FDP and secured A+ grade on Research Methodology, organised by Teaching Learning Centre Ramanujan College, University of Delhi, from October 1-15, 2020.
- ix. Has participated in one week FDP on Python 3.4.3, organised by Department of Physics & IQAC, Barnagar College, Assam in association with Spoken Tutorial, IIT Bombay, from August 27-September 2, 2020.
- x. Has participated in 2 weeks FDP on ICT Tools for Teaching, Learning Process and Institute, organised by Ministry of Electronics and Information Technology (MeitY), Government of India from August 10-21, 2020.
- xi. Has participated in three days National workshop on Challenging of Teaching Physics Laboratory Course in Online Mode, cordially organised by Department of Physics and IQAC Kalindi College, University of Delhi and National Academy of Sciences India (NASI) Delhi Chapter, from January 23-25, 2021.

XVII. Dr. Shiv Shankar Gaur

He has served as:

- xii. Organising member in the International Webinar on Recent trends in Material Sciences, Organised by Department of Physics, Shivaji College, on October 10, 2020.
- xiii. Organising member in the International Webinar on Era of Optical clocks, Organised by Department of Physics, Shivaji College, on December 4, 2020.

16. DEPARTMENT OF POLITICAL SCIENCE

Politics is the most democratic of all sciences as the final judgments concerning political reality and good life are the responsibility of all. In this backdrop the study of Political Science as a subject is infinitely beneficial in view of its being the key to the understanding as well as the possible solution of all problems facing us in our contemporary times. Study of the subject opens up wide opportunities for a successful career in multiple fields such as civil services, law, journalism-print as well as electronic media-, entrepreneurship, teaching and research. 'The Democrats' students' society of the Department gives adequate exposure to students by involving them in activities outside the routine class-room teaching. Undertaking of educational tours and organising of essay, debate and quiz competitions are some such activities to enhance students' skill and knowledge. The society also engages actively in initiatives like supporting the underprivileged students. Members of the faculty specialise in varied areas of research for academic excellence.

FACULTY ACHIEVEMENTS:

I. Dr. Bishnu Satpathy

Has served as:

- i. Resource Person in a Research Orientation Programme for Post-Doctoral Fellows organised by Dr. Ambedkar International Centre, New Delhi on March 5, 2021.

II. Dr. Ravi

Participated in

- i. Faculty Development Programme organised by Ramanujan College, University of Delhi on April 13-19, 2021.
- ii. Faculty Development Programme organised by Ramanujan College, University of Delhi on April 26-May 11, 2021.

III. Dr. Kamal Kumar

Has been awarded PhD on January 28, 2021

- i. Participated in FDP organised by Teaching-Learning Centre, Ramanujan College, University of Delhi on April 13-19, 2021.

17. DEPARTMENT OF SANSKRIT

The department of Sanskrit is one of the oldest departments in Shivaji College. It has also one of the best faculties in the University of Delhi. The faculty's expertise is in grammar, philosophy, literature, culture & religion and Indian epigraphy. It is an energetic department with three new young teachers. It provides its students with new experiences and fresh streams of knowledge, while the teachers are constantly engaged with academic activities to catapult the department to better heights. The faculties have specialization in different branches of knowledge such as Dr. Rajneesh in Vedic Literature, Dr. Meghraj Meena in Indian philosophy and Dr. Sukhram in grammar. Department is actively engaged with the university for teaching students at postgraduate levels particular the specialised papers. Sanskrit, being a classical language, attracts few but genuinely interested students.

I. Dr. Rajneesh

He has participated in the following programme:

- i. FDP on "Exploring the Inter-Linkages Between Literature History Politics and Other Related Themes" organised by Ramanujan College & P.G.D.A.V. College, University of Delhi, on January 30-February 12, 2021.
- ii. FDP on "Academic Writing" organised by Teaching Learning Centre Ramanujan College, University of Delhi, on February 18-24, 2021.
- iii. FDP on "शिक्षण प्रशिक्षण में कला संस्कृतिके आयाम" organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, on February 26-March 4, 2021.
- iv. FDP on "NAAC Revised Accreditation Framework & Quelling the Quest" organised by IQAC, Aggarwal College, Ballabgarh, on March 11-17, 2021.

II. Dr. Sukhram

He has participated in the following programme:

- i. FDP on "Learning advanced e-tools for MOOC's Development & research" organised by Teaching Learning Centre Ramanujan College, University of Delhi on September 1-14, 2020.
- ii. FDP on "ICT based new paradigm for a-Teaching and e-learning: Digital pedagogy" organised by Department of Computer Science Mata Sundari College for women, University of Delhi on September 15-30, 2020.

III. Dr. Meghraj Meena

He has participated in the following programme:

- i. FDP on "शिक्षण प्रशिक्षण में कला संस्कृतिके आयाम" organised by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, on February 26-March 4, 2021.

- ii. FDP on “Hypothesis Testing and Techniques for Data Analysis” organised by Department of Commerce, University of Delhi collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi, on March 5-11, 2021.
- iii. FDP on “Emerging Accessible Technologies for Teachers in Higher Education” organised by Maitreyi College & Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi, on March 20-April 3, 2021.
- iv. Seven Days Online Workshop on “Vivekchudamani: Greatest Text of Indian Philosophy” held on September 3-9, 2020.

He has published the following papers:

- i. Meena, Meghraj (April, 2020). Pramukh upnishadon mein sharir ke rupak. *Shodh-Prabha*, ISSN: 0974-8946.
- ii. Meena, Meghraj (November-December, 2020). Vaidik vangmay main sharir ki avdharna. *Jyotirved-prasthanam*, ISSN: 2278-0327.
- iii. Meena, Meghraj (Jan.-Feb, 2021). Pratikopasna vimarsh (Brahmasutrashankarhashya ke vishesh sandarbh mein). *Jyotirved-prasthanam*, ISSN: 2278-0327.

18. DEPARTMENT OF ZOOLOGY

- i. Department of Zoology is one of the trailblazer departments ever since the inception of Shivaji College in 1961. The tireless effort of conversant pioneering faculty members have led the department to attain its academic excellence.
- ii. Currently 14 faculty members from varied disciplines of Zoology are ushering curricular knowledge and developing all-round skills amongst the students by involving them in various research projects and field activities.

I. Dr. Sunita Gupta

She has participated and completed:

- i. Online FDP on “ICT Enhanced Teaching Learning & Creating MOOCS” organised by Teaching Learning Centre, Ramanujan College, DU in association with Shivaji College, DU from August 18- 25, 2020.
- ii. Completed Online FDP on “Skills For Next Generation Teachers” organised by Teaching Learning Centre, SGTB Khalsa College, DU in association with Jean Monnet Module, Centre For European Studies, JNU, New Delhi & Vimala College, Thrissur, Kerala from December 1-8, 2020.

She has served as:

- i. Resource Person for Hands On Session at the Department of Zoology, Shivaji College, DU on March 24, 2021 in the” Workshop for School Teachers in Biological & Chemical

Sciences” organised by Shivaji College, DU under the aegis of DBT sponsored STAR COLLEGE SCHEME from March 22-26, 2021.

Co-published the following book:

- i. Book titled “Perspective in Practical Ecology” in January, 2021
- ii. Co-Author - Dr. Parul Kulshreshtha
- iii. Publisher - Prestige Publisher, Delhi, India
- iv. ISBN No. 9788194942849

II. Dr. Deepika Yadav

She has served as:

- i. Convener DBT Star College Scheme Department of Zoology
- ii. Teacher-in-charge Department of Zoology (May 1, 2020-April 30, 2021)
- iii. Admission Committee: Department of Zoology In-charge/Convener
- iv. Member: Women’s Development Cell (2019- continues)
- v. Member Internal Complain Committee (2019- continues)
- vi. Member NAAC Criteria 1& 3 (2020- continues)
- vii. Member Purchase Committee
- viii. Convener & Resource person six week Online Summer Training Internship titled “COVID-19: Epidemiology & Impacts” conducted by the Department of Zoology, Shivaji College under the aegis of DBT Star College Scheme from July 15-25, 2020.
- ix. Convener, “Online Guidance Program Regarding Entrance Examinations for Higher Studies & Scholarships in Biological Sciences” for undergraduate students on June 16, 2020.
- x. Convener, Webinar titled, “Epidemiology, Detection, Treatment and Comparative Genomics of SARSCoV-2 and Managing Personal and Professional Life During COVID-19 Pandemic and Lockdown”, by Prof. Rup Lal under the aegis of DBT sponsored Star College Scheme on July 9, 2020.
- xi. Convener, Webinar titled “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing” by Dr. Kumar Kartikey Yadav, Examiner of Patents & Designs Patent Office, Delhi, under the aegis of DBT sponsored Star College Scheme on July 11, 2020
- xii. Convener, Webinar on “Butterflies: The Winged Jewels” by Dr. Ishtiyak Ahmed, Education officer CEC- BNHS in collaboration with Bombay Natural History Society & Conservation Education Centre Delhi on September 10, 2020.
- xiii. Convener, Webinar on, “Combating the millennium pandemic: Diagnostics & Infection prevention” by Dr. Devjani De, Head, Microbiology, Dr. Dang’s Lab on September 18, 2020.

- xiv. Convener, Webinar on, “Plastics & Endocrine Disruption: A 21st Century Update”, by Dr. (Prof.) Deep Dutta, D.M. Endocrinology FRCP, FACE on September 24, 2020.
- xv. Convener and resource person, one week Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories from February 8 -15, 2021 under the aegis of DBT sponsored Star College Scheme.
- xvi. Convener, training session cum Webinar on, “How to Read Scientific Literature & Introduction to MANAV- The Human Atlas Initiative”, under the aegis of DBT Star College Scheme on February 24, 2021 by Dr. Anupma Harshal W. from IISER, Pune.
- xvii. Convener and resource person, five-day “Workshop for school teachers in biological and chemical sciences” under the aegis of DBT sponsored Star College Scheme from March 22-26, 2021.
- xviii. Convener, Annual Fest Zoo Carnival of Department of Zoology, Shivaji College, University of Delhi on March 26, 2021.
- xix. Convener, Alumni Meet cum Guidance program 2021 organised on April 25, 2021.
- xx. Resource Person for Mentoring Sessions through Virtual Platform to help applying for DBT Star College Scheme for the following institutes:
 - On February 5, 2021 from 4 pm- 6 p.m.
 - Government J.D.B. Girls College, Kota, Rajasthan & Jawaharlal Nehru College, Pasighat, East Siang District, Arunachal Pradesh
- xxi. On February 17, 2021 from 4:00 – 6:00 p.m.
- xxii. Government P.G. College, Ambala Cantt

The faculty members of the above 3 institutes were also guided for devising subject-specific projects and practical for the DBT Star College Scheme.

Organiser, virtual Lab tour of “CSIR LABS” (CSIR-CBRI, NCL, NPL, NIO, IMTECH, IITR, IICT), held on April 21, 2021 organised under DBT sponsored Star College Scheme of Shivaji College, University of Delhi.

She has participated in the following:

- i. Two week FDP on “Advanced Concepts For Developing MOOCS from July 2-17, 2020 by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College.
- ii. FDP on “ICT on Enhanced Teaching Learning and Creating MOOCs” from August 18-25, 2020 by MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi.
- iii. National one-week online Faculty Training Program on “Pedagogical Training

for Effective Online Teaching & Learning” organised by Deen Dayal Upadhyaya College, University of Delhi & K. T. H. M. College, Nashik under IQAC & DBT Star College Program from August 3-10, 2020.

- iv. Participated in One Day National Webinar entitled “How To Conduct Online Teaching-Learning In Covid Times?” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on July 22, 2020. (This is equivalent to a regular National Seminar).
- v. Organising member, co-hosted a Webinar on, “ Biosafety measures and biocontainment of pathogens in research” held on April 29, 2020 organised by Department of Zoology, Shivaji College, University of Delhi.
- vi. International Webinar on “Psychological Well-Being and COVID 19: An Internal Journey” organised by the Women’s Development Cell (WDC) under the aegis of IQAC on May 07, 2020.
- vii. Participated in the National Webinar, “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” held on July 11, 2020.
- viii. International Webinar on “Environment, Gender & Climate Change” organised by Department of Botany, Shivaji College, University of Delhi under the aegis of DBT sponsored Star College Scheme, organised on July 28, 2020.
- ix. Webinar on “Stress Management in the Times of Covid-19 Pandemic” organised on July 22, 2020.
- x. Webinar on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on September 19, 2020 on Zoom platform.
- xi. International Webinar entitled “Using Oligonucleotides as drugs: The story of siRNA, ASO and Aptamers” organised by Department of Biochemistry, Shivaji College, University of Delhi on September 25, 2020.
- xii. International webinar entitled “The Malleable Brain” organised by Department of Biochemistry, Shivaji College, University of Delhi on October 10, 2020.
- xiii. Webinar on “Issues of Mental Health: Strengthening the Mind and Empowering the Woman”, sponsored by National Commission for Women (NCW) and organised by Women’s Development Cell, Shivaji College on January 15, 2021
- xiv. Participated in the National Workshop on ‘Bioinformatics and Biostatistics: A Beginner’s Guide’ Department of Biochemistry, Shivaji College January 16, 2021- January 20, 2021.
- xv. National Webinar on “Impact of Coronavirus on Human Central Nervous System: Latest updates and trends” organised by Department of Botany, Shivaji College, University of Delhi held on January 16, 2021.

- xvi. Online Workshop on “Mushroom Cultivation” organised by Department of Botany, Shivaji College, University of Delhi on March 6, 2021.
- xvii. Participated in “International Immunology Day” on April 29, 2021 organised by Kirori Mal College.

She has undertaken the following Projects:

- i. She has served as a Project Investigator of Minor Project entitled “Synthesis and characterization of multifunctional ZnO nanoparticles for biomedical, piezoelectric and ferroelectric applications.”
- ii. Annual Interdisciplinary Project entitled, “Analysing Awareness About COVID-19: An Online Cross-Sectional Knowledge, Attitude And Practice (KAP) Study In Delhi under DBT-Star College Scheme, Shivaji College, University of Delhi.
- iii. Interdisciplinary Project entitled, “Study on Impact of artificial feeding (provisioning) in behavioral changes on Rhesus macaque in Delhi region” (May 2019-May 2022).

III. Ms. Nimita Kant

She has served as:

- i. Co-convenor, Six week Online Summer Training Internship entitled “COVID-19: Epidemiology & Impacts” conducted by the Department of Zoology, Shivaji College under the aegis of DBT Star College Scheme from June 15 -July 25, 2020.
- ii. Resource person and Mentored the module titled: Biology of nCovid -19 under Online Summer Training Internship Titled “COVID -19: Epidemiology and Impacts” organised by the Department Of Zoology, under the Aegis of DBT Star College Scheme (June 15-July 25, 2020).
- iii. Co-convenor, “Online Guidance Program Regarding Entrance Examinations for Higher Studies & Scholarships in Biological Sciences” for undergraduate students on June 16, 2020.
- iv. Co-convenor, Webinar entitled, “Epidemiology, Detection, Treatment and Comparative Genomics of SARSCoV-2 and Managing Personal and Professional Life during COVID-19 Pandemic and Lockdown”, by Prof. Rup Lal under the aegis of DBT sponsored Star College Scheme on July 9, 2020.
- v. Co-convenor, Webinar entitled “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing” by Dr. Kumar Kartikey Yadav, Examiner of Patents & Designs Patent Office, Delhi, under the aegis of DBT sponsored Star College Scheme on July 11, 2020
- vi. Co-convenor, Webinar on “Butterflies: The Winged Jewels” by Dr. Ishtiyak Ahmed, Education officer CEC- BNHS in collaboration with Bombay Natural History Society & Conservation Education Centre Delhi on September 10, 2020.

- vii. Co-convenor, Webinar on, “Combating the millennium pandemic: Diagnostics & Infection prevention” by Dr. Devjani De, Head, Microbiology, Dr. Dang’s Lab on September 18, 2020.
- viii. Co-convenor, Webinar on, “Plastics & Endocrine Disruption: A 21st Century Update”, by Dr. (Prof.) Deep Dutta, D.M. Endocrinology FRCP, FACE on September 24, 2020.
- ix. Co-convenor and resource person, one week Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories from February 8 -15, 2021 under the aegis of DBT sponsored Star College Scheme.
- x. Co-convenor, training session cum Webinar on, “How to Read Scientific Literature & Introduction to MANAV- The Human Atlas Initiative”, under the aegis of DBT Star College Scheme on February 24, 2021 by Dr. Anupma Harshal W. from IISER, Pune.
- xi. Co-convenor and resource person, five-day “Workshop for school teachers in biological and chemical sciences” under the aegis of DBT sponsored Star College Scheme from March 22-26, 2021.
- xii. Organising member, Annual fest “ZOO CARNIVAL” of Department of Zoology, Shivaji College, University of Delhi on March 26, 2021.
- xiii. Organising member, Alumni Meet cum Guidance program 2021 organised on April 25, 2021.

Has participated in the following programs:

- i. Successfully Completed the National One Week Online Faculty Training Program On “Pedagogical Training For Effective Online Teaching And Learning” Organised By Deen Dyal Upadhyay College, University Of Delhi And K.T.H.M College, Nashik under Internal Quality Assurance Cell And DBT Star College Program From August 3-10, 2020.
- ii. Participated in the Webinar (under the aegis of IQAC) on “Stress management in the times of COVID-19 pandemic” organised by Women’s Development Cell, Shivaji College, University Of Delhi on July 22, 2020.
- iii. Participated and e-presented poster titled “Evaluation of Telomerase reverse transcriptase (TERT) expression in squamous cell carcinoma (SCC) of the skin” at the Hybrid “Annual Conference of Indian Society of Medical and Pediatric Oncology – ISMPOCON 2020” held on November 6-8, 2020.
- iv. Participated and Submitted Abstract titled: “Visualization of apoptosis and endochondral ossification during embryonic development of Aseel in a cost effective set-up” at International Conference on Innovations in Biotechnology and Life Sciences, Department of Biotechnology, DTU held from December 18-20, 2020.

Co-published the following papers:

- i. Jayaraj Perumal, Vani Srinivasan, Sharma Sejal, Banerjee Deepanjan, Ghosh Nabanita, Singh Abhimanyu, Madan Mehak, Kant Nimita. A cost-effective set-up to demonstrate embryonic limb development in Aseel (*Gallus gallus domesticus*), South Asian Journal of Experimental Biology, ISSN: 2230-9799
- ii. Vol 11, No 3: 260-265; 2021 [DOI:10.38150/sajeb.11(3).p260-265]

Research Project Undertaken:

She has served as a Project Investigator to:

- i. Minor research project MRP/2021/0008 entitled “Genomic, structural and mutational analysis of SARS-CoV-2 using in silico approach”, sanctioned by research cell, Shivaji College, ring road Raja Garden, New Delhi 110027.
- ii. Annual Interdisciplinary Project title “Developing quantitative approach to biological understanding” under the DBT-Star College Scheme (Year: 2020-2021).

IV. Mr. Manish Kumar Sachdeva

He has served as:

- i. Resource person, one-week Inter College Laboratory Skill Training Program for Assistants/Attendants in the Chemical and Life Science Laboratories from February 8 -15, 2021 under the aegis of DBT sponsored Star College Scheme.
- ii. Organising member, Annual fest “Zoo Carnival” of Department of Zoology, Shivaji College, University of Delhi on March 26, 2021.
- iii. Organising member, Alumni Meet cum Guidance program 2021 organised on April 25, 2021.
- iv. Resource Person, Workshop for School Teachers (Pratibha Vikas Vidhyalaya), DBT Star College Scheme, Shivaji College, March 15-19, 2021.

He has participated in the following programs:

- i. MOOC, Introduction to Clinical psychology, The University of Queensland, Australia, Self-paced, July 27, 2020
- ii. MOOC, Introduction to Genetics and Evolution, Duke University, Self-paced, November 25, 2020
- iii. MOOC, Introduction to Biology of Cancer, John Hopkins University- Self-paced, September 8, 2020
- iv. MOOC, Tropical Parasitology: Protozoans, Worms, vectors and Human diseases, Duke University, Self-paced, October 15, 2020
- v. MOOC, Introduction to Systems Biology, Icahn School of Medicine, Mount Sinai, Self-paced, November 21, 2020
- vi. MOOC, Introduction to Forensic science, Nanyang Technical University, Self-paced, October 26, 2020

- vii. MOOC, Covid-19: What you need to know? Osmosis.org & IPMA, Self-paced, December 8, 2020
- viii. MOOC, Understanding the Brain: Neurobiology of Everyday Life, University of Chicago, Self-paced, August 20, 2020
- ix. MOOC, Specialization in Immunology, Rice University, Self-paced, October 22, 2020
- x. FDP on “Cinema, Society and Education”, Ministry of Education, PMMMNMTT, ARSD College and TLC, Ramanujan College, April 6-9, 2021
- xi. FDP on “Managing online classes and co-creating MOOCs 5.0”, PMMMNMTT, TLC, Ramanujan College, May 11-25, 2021

V. Dr. Aeshna Nigam

She has served as:

- i. Member, Organising Committee, Webinar organised by the Department of Zoology on July 9, 2020 at 11 am on Zoom Platform entitled ‘Epidemiology, Detection, Treatment and Comparative Genomics of SARSCoV-2 and Managing Personal and Professional Life During COVID-19 Pandemic and Lockdown’ under the aegis of DBT sponsored Star College Scheme. The guest speaker for the event was recognised academician Prof. Rup Lal.
- ii. Member, Organising Committee, Webinar organised by the Department of Zoology on July 11, 2020 at 11 am on Zoom Platform entitled “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing” under the aegis of DBT sponsored Star College Scheme. The guest speaker for the event was Dr. Kumar Kartikey Yadav, Examiner of Patents & Designs Patent Office, Delhi.
- iii. Member, Organising Committee of one week FDP on ‘ICT enhanced Teaching Learning and Creating MOOCs’ organised by Shivaji College in collaboration with Teaching Learning Centre and Research Development and Services Cell, Ramanujan College from August 18-15, 2020
- iv. Member, Organising team for Webinar organised under the aegis of DBT Star College Scheme on the topic “Plastics and Endocrine Disruptions: A 21st Century Update by Dr. (Prof.) Deep Dutta, DM Endocrinology, FRCP, FACE on September 24, 2020 on online platform Google Meet.
- v. Member, Organising Committee of 61st Annual International Conference of Association of Microbiologists of India and Indian Network for Soil Contamination and Research from February 3-5, 2021
- vi. Resource person in six week long inter-College online summer training programme on ‘COVID-19: Epidemiology and Impacts’ organised by Department of Zoology, Shivaji College, University of Delhi from July 15-25, 2020.

- vii. Resource person in Inter College Laboratory Skill Training Programme for Assistants in Chemical and Life Science Laboratories organised by Shivaji College, University of Delhi under the aegis of DBT Star College Scheme, held at Shivaji College from February 8-15, 2021.
- viii. Co-Chaired the session ‘Industrial Microbial Biotechnology’ of 61st Annual International Conference of Association of Microbiologists of India and Indian Network for Soil Contamination and Research from February 3-5, 2021
- ix. Has participated in one week FDP on ‘ICT enhanced Teaching Learning and Creating MOOCs’ organised by Shivaji College in collaboration with Teaching Learning Centre and Research Development and Services Cell, Ramanujan College from August 18-15, 2020.
- x. Has participated in Orientation cum Training Programme on the use of Twitter Handle for enhanced presence of College in the Social Media organised by University of Delhi on March 22, 2021 at Conference Centre, University of Delhi.
- xi. Co-published: Dhingra, G.G., Saxena, A., Nigam, A. *et al.* (2021). Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences. *Indian Journal of Microbiology* Vol 61: pp 111–115.

Any other information:

- i. Co-hosted some annual events of Shivaji College on virtual platform:
- ii. Orientation programme on November 18, 2020 to welcome the first year students.
- iii. Inaugural lecture of Diamond Jubilee Celebrations ‘Self Reliant India’ on October 30, 2020.

VI. Dr. Parul Kulshreshtha

She has served as:

- i. Reviewer in January 2021 for the prestigious International Journal, Yale Journal of Biology and Medicine, for the article, “Epidemiological investigation of bovine brucellosis in indigenous cattle herds in Kasulu district of Tanzania.”
- ii. Resource person and Instructor for the module, “Reverse Vaccinology, a relevant technique in the post pandemic era” in the Online Summer Internship Training “COVID-19: Epidemiology and Impacts” held under the DBT Star College Scheme from June 15-July 26, 2020 on Zoom platform.
- iii. As a Resource Person during the “workshop for laboratory staff in chemical and life sciences”, February 8-12, 2021 at Shivaji College, DU.
- iv. Resource Person for Hands on Session at the Department of Zoology, Shivaji College, DU on March 24, 2021 in the” Workshop for School Teachers in Biological & Chemical Sciences” organised by Shivaji College, DU under the aegis of DBT sponsored Star College Scheme from March 22-26, 2021.

- v. Speaker and resource person for the Webinar “Guidance Program regarding Entrance Examination 2020” held under the DBT Star College Scheme on June 16, 2020 on Zoom platform.
- vi. Member of organising committee for the Six Week Online Summer Internship Training “COVID-19: Epidemiology and Impacts” held under the DBT Star College Scheme from June 15-July 26, 2020 on Zoom platform.
- vii. Member of organising committee for the Webinar “Guidance Program regarding Entrance Examination 2020” held under the DBT Star College Scheme on June 16, 2020 on Zoom platform.
- viii. Member, Organising Committee for Campus Butterfly Count Survey, workshop and Lecture September 19, 2020, under DBT Star College Scheme in collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi.
- ix. Member of Organising committee for the Inter College Laboratory Skill Training Programme at the session III titled “Preparation of solutions in the laboratory” for Laboratory Assistants/Attendants in the Chemical and Life Science Laboratories under DBT Star College Scheme, from February 8-15, 2021, held at Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- x. Member of Organising Committee for the Webinar “How to Read Scientific Literature & Introduction to MANAV-The Human Atlas Initiative” held under the DBT Star College Scheme on February 24, 2022 at 11.00 am on Zoom platform.
- xi. Member of Organising Committee for the “Workshop for School Teachers in Biological and Chemical Sciences” under DBT Star College Scheme from March 22-26, 2021, held at Department of Zoology, Shivaji College, University of Delhi, New Delhi.

She has co-published:

- i. Manish M, Verma S, Kandari D, Kulshreshtha P, Singh S, Bhatnagar R. Anthrax prevention through vaccine and post-exposure therapy. *Expert Opin Biol Ther.* 2020 Dec;20(12):1405-1425. doi: 10.1080/14712598.2020.1801626. Epub 2020 Aug 24. PMID: 32729741. Impact Factor 3.2
- ii. Dr. Sunita Gupta and Dr. Parul Kulshreshtha. *Perspectives in Practical Ecology.* Prestige Publishers. ISBN978-81-949428-5-6

VII. Dr. Jitendra Kumar Chaudhary

He has served as:

- i. Member of organising committee for the Six Week Online Summer Internship Training “COVID-19: Epidemiology and Impacts” held under the DBT Star College Scheme from July 15-26, 2020 on Zoom platform.
- ii. Member of organising committee for the Webinar “Epidemiology, Detection, Treatment

and Comparative Genomics of SARS-CoV-2 and Managing Personal and Professional Life during COVID-19 Pandemic and Lockdown” held under the DBT Star College Scheme on July 9, 2020 at 11.00 am on Zoom platform.

- iii. Member of organising committee for the Webinar “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing” held under the DBT Star College Scheme on July 11, 2020 at 11.00 am on Zoom platform.
- iv. Member of organising committee for the Webinar “Combating the Millenium Pandemic: Diagnostics and Infection Prevention” held under the DBT Star College Scheme on September 18, 2020 at 05.30 pm on Google meet.
- v. Member, organising committee for Campus Butterfly Count Survey, workshop and Lecture September 19, 2020, under DBT Star College Scheme in collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi.
- vi. Member of organising committee for the Webinar “Plastics & Endocrine Disruption: A 21st Century Update” held under the DBT Star College Scheme on September 23, 2020 at 05.00 pm on Google meet.
- vii. Member of organising committee for the inter College Laboratory Skill Training Programme for Laboratory Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT Star College Scheme, from February 8-15, 2021, held at Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- viii. Member of organising committee for the Webinar “How to Read Scientific Literature & Introduction to MANAV-The Human Atlas Initiative” held under the DBT Star College Scheme on February 24, 2022 at 11.00 am on Zoom platform.
- ix. Member of organising committee for the workshop for School Teachers in Biological and Chemical Sciences under DBT Star College Scheme from March 22-26, 2021, held at, Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- x. As a resource person during organization of “Workshop For Laboratory Staff In Chemical And Life Sciences”, February 8-15, 2021 at Shivaji College, DU.
- xi. As a resource person [ABO blood grouping] during organization of “workshop for 10+2 teachers’ training in chemical and life sciences”, March 22-26, 2021 at Shivaji College, DU.
- xii. As a Resource Person for Module Three (June 29 – July 3, 2020) and delivered talk on various aspects of “Epidemiological studies of COVID -19” as a part of Online Summer Training Internship on “COVID-19: Epidemiology and Impacts” held from July 15-26, 2020 by Department of Zoology, Shivaji College under the aegis of DBT Star College Scheme.
- xiii. As a speaker in Invited Talk on “Structural and Molecular Details of SARS-CoV-2: Cellular replication, etiology, diagnosis and prospective treatment at Sri Venkateswara College on August 7, 2020.

Co-published the following Review and Research articles/papers:

- i. Yadav R, Chaudhary J.K, Jain N, Chaudhary P.K, Khanra S, Dhamija P, Sharma A, Kumar A, Handu S, 2021. Role of Structural and Non-Structural Proteins and Therapeutic Targets of SARS-CoV-2 for COVID-19. *Cells*, 10, 821 (equal authorship) (Impact Factor = 6.6). EISSN 2073-4409. Doi: 10.3390/cells10040821. (Review) PMID: 33917481, PMCID: PMC8067447 (Scopus indexed).
- ii. Rohitash Yadav, Shazia Hasan, Sumit Mahato, Ismail Celik, Y.S. Mary, Ashish Kumar, Puneet Dhamija, Ambika Sharma, Neha Choudhary, Pankaj Kumar Chaudhary, Ankita Singh Kushwah, Jitendra Kumar Chaudhary, 2021. Molecular docking, DFT analysis, and dynamics simulation of natural bioactive compounds targeting ACE2 and TMPRSS2 dual binding sites of spike protein of SARS CoV-2, *Journal of Molecular Liquids*, 2021,116942, ISSN 0167-7322. (Impact Factor = 6.2) <https://doi.org/10.1016/j.molliq.2021.116942>. (Research Article) (Scopus indexed)

Book Chapter

- i. Chaudhary J K and Rath PC (2020). Stem cells and ageing. Book Title- Models, Molecules and Mechanisms in Biogerontology, ISBN: 78-981-13-3585-3. Publisher- *Springer Nature, Singapore* (Editor-Pramod C. Rath).

Research Project (Minor)

- i. Title: Genomic, structural and mutational analysis of SARS-CoV-2 using in silico approach

Funding body: College Research Cell, Shivaji College, DU

Duration- One Year (2021-2022)

Amount sanctioned- Rs. 30,000

VIII. Dr. Ankita Dua

She has served as:

- i. Member, Organising Committee, Webinar organised by the Department of Zoology on July 9, 2020 at 11 am on Zoom Platform entitled 'Epidemiology, Detection, Treatment and Comparative Genomics of SARSCoV-2 and Managing Personal and Professional Life During COVID-19 Pandemic and Lockdown' under the aegis of DBT sponsored Star College Scheme. The guest speaker for the event was recognised academician Prof. Rup Lal.
- ii. Member, Organising Committee, Webinar organised by the Department of Zoology on July 11, 2020 at 11 am on Zoom Platform entitled 'Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing under the aegis of DBT sponsored Star College Scheme. The guest speaker for the event was Dr. Kumar Kartikey Yadav, Examiner of Patents & Designs Patent Office, Delhi.
- iii. Resource person, Summer Training programme 'COVID-19: Epidemiology & Impacts'

conducted by Department of Zoology, Shivaji College under the DBT Star College Scheme held from June 15-July 26, 2020. Module conducted: ‘Laboratory diagnosis of infections caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)’

- iv. Member, Organising Committee, One-week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” Organised by Shivaji College in collaboration with Teaching Learning Centre, Ramanujan College from August 18-25, 2020 under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), Ministry of Human Resource Development (MHRD)
- v. Member, Organising team for Webinar organised under the aegis of DBT Star College Scheme by on the topic “Plastics and Endocrine Disruptions: A 21st Century Update by Dr. (Prof.) Deep Dutta, DM Endocrinology, FRCP, FACE on September 24, 2020 on online platform Google Meet.
- vi. Member, Organising Committee, Annual International Conference of The Association of Microbiologists of India and Indian Network for Soil Contamination Research in association with The Energy & Resources Institute, New Delhi, Department of Zoology, University of Delhi, Indian Agricultural Research Institute (IARI) & Indian National Science Academy (INSA) entitled ‘Microbial World: Recent Developments in Health, Agriculture & Environmental Sciences from February 3-5, 2021.
- vii. Awarded ‘Certificate of Appreciation’ for Co-Chair at Annual International Conference of The Association of Microbiologists of India and Indian Network for Soil Contamination Research in association with The Energy & Resources Institute, New Delhi, Department of Zoology, University of Delhi, Indian Agricultural Research Institute (IARI) & Indian National Science Academy (INSA) entitled ‘Microbial World: Recent Developments in Health, Agriculture & Environmental Sciences from February 3-5, 2021.
- viii. Resource person, Inter College Laboratory Skill Training Programme for Assistants in Chemical and Life Science Laboratories organised by Shivaji College, University of Delhi under the aegis of DBT Star College Scheme, held at Shivaji College from February 8-15, 2021.

Has participated in the following programs:

- i. Successfully completed one-week National Online Faculty Training Programme on “Pedagogical Training for Effective Online Teaching & Learning” organised by Deen Dayal Upadhaya College, University of Delhi & K.T.H.M College, Nashik from August 3-10, 2020.
- ii. Successfully completed One-week Online FDP on “ICT Enhanced Teaching Learning and Creating MOOCs” Organised by Shivaji College in collaboration with Teaching Learning Centre, Ramanujan College from August 18-25, 2020 under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), Ministry of Human Resource Development (MHRD)

Co-hosted some annual events of Shivaji College on virtual platform:

- i. 59th Annual Day, Shivaji College on June 29, 2020.
- ii. Orientation programme on November 18, 2020 to welcome the first-year students.
- iii. Inaugural lecture of Diamond Jubilee Celebrations ‘Self Reliant India’ on October 30, 2020.

Co-published:

- i. Dhingra, G.G., Saxena, A., Nigam, A., Hira, P., Singhvi, N., Anand, S., Kaur, J., Kaur, J., Dua, A. *et al.* (2021). Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences. Indian Journal of Microbiology Vol 61: pp 111–115.

IX. Dr. Neetu Singh

She has participated in:

- i. Participated in one- week online FDP on “Learn to Teach, Teach to Learn” organised by IQAC of Delhi School of Professional Studies and Research (DPSR), New Delhi held from June 17-23, 2020.
- ii. Member, organising committee for Campus Dragonfly Count Survey, workshop and Lecture held on August 20, 2019, under DBT sponsored Star College Scheme in Collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi, organised by Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- iii. Member, organising committee for Campus Butterfly Count Survey, workshop and Lecture held on September 19, 2019, under DBT sponsored Star College Scheme in Collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi, organised by Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- iv. Member of organising committee for National Seminar on “Recent Trends in Biological Research and Career Prospects”, held on September 27, 2019 at Department of Zoology, Shivaji College, University of Delhi, Delhi.
- v. Member, organising team for Blood Donation Camp held on March 5, 2020 organised by National Service Scheme (NSS) in association with Rotary Club (Delhi CAMA) Shivaji College, University of Delhi, New Delhi
- vi. Attended a Webinar on the topic “ Biosafety measures and biocontainment of pathogens in reasearch” held on April 29, 2020 organised by Department of Zoology, Shivaji College, University of Delhi, India via Zoom meeting App.

X. Dr. Tarun Kumar Vats

He has served as:

- i. Member of organising committee for the Six Week Online Summer Internship Training

- “COVID-19: Epidemiology and Impacts” held under the DBT Star College Scheme from June 15- July 26, 2020 on Zoom platform.
- ii. Member of organising committee for the Webinar “Epidemiology, Detection, Treatment and Comparative Genomics of SARS-CoV-2 and Managing Personal and Professional Life During COVID-19 Pandemic and Lockdown” held under the DBT Star College Scheme on July 9, 2020 at 11.00 am on Zoom platform.
 - iii. Member of organising committee for the Webinar “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing” held under the DBT Star College Scheme on July 11, 2020 at 11.00 am on Zoom platform.
 - iv. Member of organising committee for the Webinar “Combating The Millenium Pandemic: Daignostics And Infection Prevention” held under the DBT Star College Scheme on September 18, 2020 at 05.30 pm on Google meet.
 - v. Member, organising committee for Campus Butterfly Count Survey, workshop and Lecture September 19, 2020, under DBT Star College Scheme in collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi.
 - vi. Member of organising committee for the Webinar “Plastics & Endocrine Disruption: A 21st Century Update” held under the DBT Star College Scheme on September 23, 2020 at 05.00 pm on Google meet.
 - vii. Member of organising committee for the Inter College Laboratory Skill Training Programme for Laboratory Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT Star College Scheme, from February 8-15, 2021, held at Department of Zoology, Shivaji College, University of Delhi, New Delhi.
 - viii. Member of organising committee for the Webinar “How to Read Scientific Literature: Introduction to MANAV-The Human Atlas Initiative” held under the DBT Star College Scheme on February 24, 2022 at 11.00 am on Zoom platform.
 - ix. Member of organising committee for the workshop for School Teachers in Biological and Chemical Sciences under DBT Star College Scheme from March 22-26, 2021, held at, Department of Zoology, Shivaji College, University of Delhi, New Delhi.
 - x. Has served as a Resource Person in following events:
 - xi. Resource person (Colorimeter and Spectrophotometer) during organization of “Workshop for laboratory staff in chemical and life sciences”, February 8-12, 2021 at Shivaji College, DU.
 - xii. Resource person (Graphical Representation of Biological Data) during organization of “Workshop for 10+2 teachers’ training in chemical and life sciences”, March 22-26 2021 at Shivaji College, DU
 - xiii. Resource Person for Module Six (July 21-26, 2020) and delivered talk on various aspects of “Effects on environment and human health during COVID -19 Pandemic” as a part of Online Summer Training Internship on “COVID-19: Epidemiology and

Impacts” held from July 15-26, 2020 by Department of Zoology, Shivaji College under the aegis of DBT Star College Scheme.

Has participated in the following programs:

- i. Attended and successfully completed ‘FDP’ under the theme “ICT Enhanced Teaching, Learning & Creating MOOCs” under MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organised by Teaching Learning Centre (TLC), Ramanujan College in association with Shivaji College, University of Delhi from August 18-25, 2020.
- ii. Attended Webinar on ‘How to read Scientific Literature’ - Manav Human Atlas Initiative under Department of Biotechnology, Government of India on August 21, 2020
- iii. Participated in International Webinar on “Rewilding Immunology: Current Status and Road Ahead” organised by Department of Zoology, Sri Venkateshwara College, University of Delhi on January 9, 2021.
- iv. Participated in ‘61st Annual International Conference’ entitled “Microbial World: Recent Development in Health, Agriculture and Environmental Sciences” organised by Association of Microbiologists of India, INSCR, TERI, Department of Zoology, DU, IARI and INSA from February 3-5, 2021.
- v. Participated in Symposium on ‘Wildlife Conservation : Challenges, Efforts and Scope’ organised by Department of Zoology, Sri Venkateshwara College, University of Delhi on March 20, 2021

XI. Dr. Nidhi Garg

She has participated in:

- i. Participated in the online Webinar entitled “Cyber Security Awareness: II” organised by Bhaskaracharya College of Applied Sciences, held on July 03, 2020.
- ii. Participated in the online Webinar entitled “Quitting Tobacco Made Easy” organised by Innovative Cancer Care and Rehabilitation Pvt. Ltd. (ICanCaRe) in association with Max Institute of Cancer care Vaishali, held on July 05, 2020.
- iii. Participated in the National Webinar-I “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised by Research Cell, Shivaji College, University of Delhi, New Delhi, held on July 11, 2020.
- iv. Participated in the National Webinar in Under the Aegis of IQAC ‘Nav Vimarsh: Ikkisvi Sadi entitled “Bharatiya Sanskriti Aur Mulya” organised by NSS Unit, Shivaji College, University of Delhi, New Delhi, held on July 17, 2020.
- v. Participated in the online Webinar entitled “Fostering Collaboration for a Tobacco Free Educational Institution” organised by Innovative Cancer Care and Rehabilitation Pvt. Ltd. (ICanCaRe), held on July 19, 2020.
- vi. Participated in the Webinar entitled “Immunological Perspectives on COVID-19

- Pandemic: A Discussion” organised by Department of Zoology, under the aegis of Internal Quality Assurance Cell, Hindu College, University of Delhi, on July 20, 2020.
- vii. Participated in the National Webinar in Under the Aegis of IQAC KALANJALI: Revering Art and Indian Culture entitled “Mandala Art Therapy” organised by NSS Unit, Shivaji College, University of Delhi, New Delhi, held on July 21, 2020.
 - viii. Participated in the Webinar entitled “Stress Management in the Times of COVID-19 Pandemic” organised by Women’s Development Cell, Shivaji College, University of Delhi, New Delhi, held on July 22, 2020.
 - ix. Participated in the International webinar entitled “Environment Gender and Climate Change” organised by Department of Botany, Shivaji College, University of Delhi, New Delhi, held on July 28, 2020.
 - x. Participated in the International Webinar on “COVID-19; Living through the Pandemic” organised by Shrishti Chetna, Department of Zoology, Hansraj College, University of Delhi on July 29, 2020.
 - xi. Participated in the online Webinar entitled “Breaking Barriers: Communication made easy” organised by Innovative Cancer Care and Rehabilitation Pvt. Ltd. (ICanCaRe), held on August 02, 2020.
 - xii. Participated in the online Webinar entitled “De-Stress with Laughter Therapy and Live Entertainment” organised by Innovative Cancer Care and Rehabilitation Pvt. Ltd. (ICanCaRe), held on August 09, 2020.
 - xiii. Participated in the International Webinar entitled “Control Mission of the Corona Pandemic: Role of Government, NGO’s and the Masses” organised by Deptt. of Zoology & IQAC Cell of Paliwal PG College, Shikohabad Firozabad (UP), held on August 11, 2020.
 - xiv. Participated in the online Webinar entitled “Independence Day Special-Freedom from Slavery of Tobacco” organised by Innovative Cancer Care and Rehabilitation Pvt. Ltd. (ICanCaRe) in association with NSS Erode Arts and Science College Tamil Nadu, held on August 16, 2020.
 - xv. Participated in the online Webinar entitled “Women Special-Common Health Mistakes Made by Women” organised by Innovative Cancer Care and Rehabilitation Pvt. Ltd. (ICanCaRe), held on August 23, 2020.
 - xvi. Participated in the online Webinar entitled “Cyber Security Awareness: V” organised by Bhaskaracharya College of Applied Sciences, held on August 29, 2020.
 - xvii. Participated in the online Webinar entitled “Empowering the Central Advisory Board of Education (CABE) Under the New Education Policy-2020” organised by Department of Zoology, Paliwal PG College, Shikohabad Firozabad (UP) India, held on September 05, 2020.
 - xviii. Participated in One Day National Webinar entitled “Promotional Avenues for Teachers

in Higher Education: CAS Regulations- 2018” organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on September 5, 2020. (This is equivalent to a regular One Day National Seminar).

- xix. Participated in the online Webinar entitled “Empowering Teachers as Tobacco Marshals for a Tobacco Free India” organised by Innovative Cancer Care and Rehabilitation Pvt. Ltd. (ICanCaRe), held on September 09, 2020.
- xx. Participated in the online Webinar entitled “Mind Body Soul- Awareness of Inner Self” organised by Innovative Cancer Care and Rehabilitation Pvt. Ltd. (ICanCaRe), held on September 13, 2020.
- xxi. Participated in the National Webinar in Under the Aegis of IQAC Aarogya: Essence of Healthy India entitled “Adolescent: Health Risk and Solution” organised by NSS Unit, Shivaji College, University of Delhi, New Delhi, held on September 14, 2020.
- xxii. Participated in the e-National Symposium entitled “Food Safety and Health” organised by Deshbandhu College University of Delhi, New Delhi, held on September 19, 2020.
- xxiii. Participated in the Webinar on “*Divyangta Aur Samajik Dayitva*” organised by NSS Unit, Shivaji College, University of Delhi on September 24, 2020.
- xxiv. Participated in the Webinar (Under the Aegis of IQAC) on Issues of Mental Health: Strengthening the Mind and Empowering the Woman organised by Women’s Development Cell, Shivaji College, University of Delhi on January 15, 2021.
- xxv. Participated in the National Webinar on “Impact of Coronaviruses on Human Central Nervous System: Latest updates and trends”, organised by Department of Botany, Shivaji College, held on January 16, 2021.
- xxvi. Participated in the Webinar on “Don’t Limit Yourself” organised by NSS Unit, Shivaji College, University of Delhi held on January 16, 2021.
- xxvii. Participated in One-Day National Level Workshop on ‘Various Aspects of Research Funding, Academic Writing and Publication Ethics’ organised by Research Cell, Shivaji College (University of Delhi), New Delhi, India held on January 30, 2021.
- xxviii. Participated in the International Conference entitled “Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences” organised in collaboration with The Association of Microbiologists of India (AMI), Indian Network for Soil Contamination Research (INSCR), The Energy and Resources Institute (TERI), University of Delhi (DU), Indian Agricultural Research Institute (IARI) & Indian National Science Academy (INSA) from February 3-5, 2021.
- xxix. Participated in the Science Academies Online Lecture Workshop On “Frontiers in Science & Engineering - Opportunities for Graduates” organised by Science Foundation and MHRD-IIC-DDUC Chapter Deen Dayal Upadhyaya College, University of Delhi,

New Delhi held on September 14-19, 2020

- xxx. Participated in the online workshop entitled “Drosophila melanogaster: A beginner’s guide to culturing and maintenance” organised by Department of Biochemistry, Shivaji College, University of Delhi, New Delhi, held on November 12, 2020.
- xxxi. Participated in the Online Capacity Building Program entitled “Climate Change and Sustainable Development” organised by the Mahatma Gandhi Institute for Combating Climate Change, Department of Environment, Government of NCT of Delhi, December 14-18, 2020 (Timings: 3.30 - 4.45 PM).
- xxxii. Participated in the Online Workshop (equivalent to FDP) on Intellectual Property Right organised by Internal Quality Assurance Cell of Deen Dayal Upadhyaya College, University of Delhi under the aegis of DBT Star College Program and MoE-Institution Innovation Council DDU Chapter from February 8-13, 2021 (1.5 Hr session per day during 02:30 pm - 04:30 pm).

She served as a:

- i. Member of organising committee for the Six Week Online Summer Internship Training “COVID-19: Epidemiology and Impacts” held under the DBT Star College Scheme from June 15-July 26, 2020 on Zoom platform.
- ii. Member of organising committee for the Webinar “Guidance Program regarding Entrance Examination 2020” held under the DBT Star College Scheme on June 16, 2020 at 02.30 am on Zoom platform.
- iii. Member of organising committee for the Webinar “Epidemiology, Detection, Treatment and Comparative Genomics of SARS-CoV-2 and Managing Personal and Professional Life during COVID-19 Pandemic and Lockdown” held under the DBT Star College Scheme on July 9, 2020 at 11.00 am on Zoom platform.
- iv. Member of organising committee for the Webinar “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing” held under the DBT Star College Scheme on July 11, 2020 at 11.00 am on Zoom platform.
- v. Member of organising committee for the Webinar “Combating the Millennium Pandemic: Diagnostics and Infection Prevention” held under the DBT Star College Scheme on September 18, 2020 at 05.30 pm on Google meet.
- vi. Member, organising committee for Campus Butterfly Count Survey, workshop and Lecture September 19, 2020, under DBT Star College Scheme in collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi.
- vii. Member of organising committee for the Webinar “Plastics & Endocrine Disruption: A 21st Century Update” held under the DBT Star College Scheme on September 23, 2020 at 05.00 pm on Google meet.
- viii. Member of organising committee for the inter College Laboratory Skill Training

Programme at the session III titled “Museum Keeping: Animal Specimen Maintenance” for Laboratory Assistants/Attendants in the Chemical and Life Science Laboratories under DBT Star College Scheme, from February 8-15, 2021, held at Department of Zoology, Shivaji College, University of Delhi, New Delhi.

- ix. Member of organising committee for the Webinar “How to Read Scientific Literature & Introduction to MANAV-The Human Atlas Initiative” held under the DBT Star College Scheme on February 24, 2022 at 11.00 am on Zoom platform.
- x. Member of organising committee for the workshop for School Teachers in Biological and Chemical Sciences at the session III titled “Chick Egg Windowing” under DBT Star College Scheme, from March 22-26, 2021, held at, Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- xi. Resource person for the Six Week Online Summer Internship Training “COVID-19: Epidemiology and Impacts” held under the DBT Star College Scheme, from June 15- July 26, 2020 on Zoom platform.
- xii. Resource person for the inter College Laboratory Skill Training Programme at the session III titled “Museum Keeping: Animal Specimen Maintenance” for Laboratory Assistants/Attendants in the Chemical and Life Science Laboratories under DBT Star College Scheme, from February 8-15, 2021, held at, Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- xiii. Resource person for the workshop for School Teachers in Biological and Chemical Sciences at the session III titled “Chick Egg Windowing” under DBT Star College Scheme, from March 22-26, 2021, held at, Department of Zoology, Shivaji College, University of Delhi, New Delhi.

XII. Dr. Rakesh Roshan

He has served as:

- i. Member of organising committee for the Six Week Online Summer Internship Training “COVID-19: Epidemiology and Impacts” held under the DBT Star College Scheme from June 15- July 26, 2020 on Zoom platform.
- ii. Member of organising committee for the Webinar “Epidemiology, Detection, Treatment and Comparative Genomics of SARS-CoV-2 and Managing Personal and Professional Life during COVID-19 Pandemic and Lockdown” held under the DBT Star College Scheme on July 9, 2020 at 11.00 am on Zoom platform.
- iii. Member of organising committee for the Webinar “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing” held under the DBT Star College Scheme on July 11, 2020 at 11.00 am on Zoom platform.
- iv. Member of organising committee for the Webinar “Combating the Millenium Pandemic: Diagnostics and Infection Prevention” held under the DBT Star College Scheme on September 18, 2020 at 05.30 pm on Google meet.

- v. Member, organising committee for Campus Butterfly Count Survey, workshop and Lecture September 19, 2020, under DBT Star College Scheme in collaboration with WWF India, Bombay Natural History Society (BNHS) & CEC Delhi.
- vi. Member of organising committee for the Webinar “Plastics & Endocrine Disruption: A 21st Century Update” held under the DBT Star College Scheme on September 23, 2020 at 05.00 pm on Google meet.
- vii. Member of organising committee for the inter College Laboratory Skill Training Programme for Laboratory Assistants/Attendants in the Chemical and Life Science Laboratories, under DBT Star College Scheme, from February 8-15, 2021, held at Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- viii. Member of organising committee for the Webinar “How to Read Scientific Literature & Introduction to MANAV-The Human Atlas Initiative” held under the DBT Star College Scheme on February 24, 2022 at 11.00 am on Zoom platform.
- ix. Member of organising committee for the workshop for School Teachers in Biological and Chemical Sciences under DBT Star College Scheme from March 22-26, 2021, held at, Department of Zoology, Shivaji College, University of Delhi, New Delhi.
- x. Worked as a resource person during organization of “Workshop For Laboratory Staff In Chemical And Life Sciences”, February 8-12, 2021 at Shivaji College, DU.
- xi. Worked as a resource person [ABO blood grouping] during organization of “workshop for 10+2 teachers’ training in chemical and life sciences”, March 22-26, 2021 at Shivaji College, DU.
- xii. Resource Person for Module Three (June 29 – July 3, 2020) and delivered talk on various aspects of “Epidemiological studies of COVID -19” as a part of Online Summer Training Internship on “COVID-19: Epidemiology and Impacts” held from June 15 - July 26, 2020 by Department of Zoology, Shivaji College under the aegis of DBT Star College Scheme.
- xiii. Delivered an Invited Lecture on “Impact of COVID-19 on Environment and Wildlife” at Sri Venkateswara College on July 21, 2020.

ACTIVITIES OF COLLEGE COMMITTEES

1. ADMISSION COMMITTEE

The Admission Committee is one of the core academic committees of the college. It is responsible for conducting and supervising the admission process as and when delegated by the University of Delhi. Being the central committee responsible for admissions, it facilitates the procedure of admissions in various undergraduate and post graduate courses. At present, Shivaji College offers 20 UG and 3 PG courses in Humanities, Commerce, and Sciences. The College also offers one self-financing course in Business Economics (entrance based). Apart from channelizing regular meritbased admissions in the aforementioned courses, the committee also streamlines Sports Admissions and ECA Category admissions.

Dr. Virender Bhardwaj, Convener, assisted and guided all the TICs and co-conveners in conducting admissions online.

The year 2020 posed a major challenge before the committee in terms of admissions as the University transferred the entire process to online portals. The process commenced on October 12, 2020 and admissions were done according to cut off lists (and special lists) until January 2021. Various challenges were faced by the students and teachers as the process gained pace. There was confusion regarding uploading of certificates and documents and due to the prevalent COVID-19 pandemic, students were finding it difficult to complete the formalities. However, the committee was successful in resolving the queries to the best of its capabilities. More than 2000 students were admitted to various UG & PG courses through online mode. The committee ensured smooth processing of applications forms and assisted students in the best possible manner by handling over more than 500 queries per day through telephonic mode. The College administration also extended a diligent, helping hand to the committee in ensuring the completion of the entire admission process in a smooth manner.

2. ALUMNI RELATIONS CELL (ARC)

Alumni Relations Cell, Shivaji College was constituted with the aim of fostering a mutually beneficial relationship between current and former students. Nishtha Sethi and Vaibhav Sinha co-founded the cell. The cell's convener is Dr. Darshan Pandey. The team is made up of 24 dedicated individuals from a wide range of backgrounds.

Events conducted in 2020-21:

- i. **Know Your Alumni-** We presented motivational experiences about alums who have made the College proud via their devotion, hard work, and successful outcomes. Five new stories were shared and more will be done.
- ii. **My Experiments with Internships-** We motivate and guide other students by informing them about their classmates and colleagues who had completed internships at prestigious institutions. Four inspiring stories were shared.
- iii. **Humans of Shivaji-** a project in which the experiences of remarkable individuals,

instructors, and students from Shivaji College were presented, with the goal of demonstrating that Shivaji College is not behind and that it has students and teachers who have made important contributions in nearly every subject. 4 stories were shared and many more are yet to be shared.

- iv. **Webinar Series (Unravelling COVID-19: WHATS next?)**- in every session, an experienced alumni spoke about their pandemic experience and how they envision the world in the future.
- v. ARC began a new **Webinar** series called ‘Discourse with Alumni’ under the leadership of Chirag Pasricha, where alumni joined and inspired students, shared their stories, and urged them to pursue the right way.
- vi. ARC held four **Webinars**, one of which being an international event. Alums like; Mr. Sanjay Malik, a Kargil veteran with outstanding leadership and mentorship abilities, Mr. Paritosh Tripathi, who is known for his role as ‘MAMA’ in Super Dancers, and Dr. Nishith Prakash who is an associate professor of economics at the University of Connecticut in Storrs, Connecticut, in the United States came and served as mentors and motivators for the present pupils. Through these **Webinars**, they were able to reconnect with previous teachers and have a virtual meet-up too. They deliberated on topics such as: ‘Life after College’, ‘Social Inclusion, Making Development Sustainable’, and ‘Identifying and Inhibiting Online Embezzlement’.
- vii. ARC began a new project called **Buzz with ARC** with the supervision and assistance of our convenor, Dr. Darshan Pandey, in which previous presidents of all societies and cells appeared live on Instagram and educated students on the traits of a successful leader. With a semi-formal presentation, it was much more straightforward and clear to the current pupils.
- viii. ARC has launched the **Student Mentorship Program**. In SMP, alumni will mentor and coach students on a one-on-one basis with groups of 10-15 students. Unlike a **Webinar**, which is available to the public, this will be a closed session. This will guarantee that students receive appropriate and individualised coaching in their own classes.
- ix. Sessions’ objectives- ARC hopes to establish an Endowment Fund, through which alumni can contribute to the development of our institution as a way of giving back to their alma mater. They may also sponsor an EWS or start a new scholarship to encourage students to participate.
- x. ARC is also planning to present to you our very own website. The primary goal will be to develop a strong alumni base that will help to strengthen and expand the College’s reputation among reputable institutions and students. One stop for all information regarding alumni and the College.

3. **Anti-Ragging Committee**

- xi. Shivaji College is a ragging-free institute of higher education. The Anti-Ragging Committee takes all necessary measures to prevent ragging in the College premises.

CCTV cameras are installed at strategic places in the College for continuous electronic surveillance of the students. Posters, pamphlets and hoardings that provide helpline numbers to students are installed in the campus. The Delhi Police also gives intensive support to accomplish the above-mentioned objectives.

4. CENTRE FOR PROMOTION OF INCLUSIVITY (CFPI)

Centre for Promotion of Inclusivity is an idea, a vision, a space for an inclusive society. Students at Shivaji College come from diverse backgrounds and different regions, and they opt for different disciplinary studies. While curricula in certain disciplinary studies offer the scope for discussing social inequalities based on gender, sexualities, ethnicities, caste/religion, and so on, other studies seldom offer opportunities to discuss such issues due to curricular constraints. This centre, therefore, aims to provide a forum – outside the classroom – for deliberating on ideas and praxis that may promote social inclusion. We take pride in the practices of inclusivity on campus: be it the special attention given to slow learners in classrooms, fee concessions and scholarships for economically disadvantaged students, facilities for students with physical and visual impairment, relaxation given to female students during admissions, and other measures. However, inclusive practices must also be informed by perspectives that reflect the spirit of democracy. The Centre for Promotion of Inclusivity (CFPI) was constituted in January 2021 to provide a platform for deliberating on social issues and identities that subject people to various forms of inequities.

5. EVENTS CONDUCTED IN 2020-21:

- i. **Instagram Live** conducted on June 10, 2021 to commemorate PRIDE Month. On the occasion of Pride Month, an Instagram live session was conducted by CFPI Shivaji College, University of Delhi, on June 10, 2021, at 5 PM. Mr. Sanyam Sharma, an influential personality from LGBTQ+ community was invited as the guest. He is the Marketing Director at Blued India and also a Beauty Influencer. There were around 100+ viewers and many interacted with the speaker. Mr. Sanyam Sharma highlighted his idea of Pride and how he's in favour of the idea of 'Untagging.'
- ii. **'SWIKRITI 2021 - The Annual Diversity Fest'** was organised by the Centre for Promotion of Inclusivity, Shivaji College on April 22, 2021, which included several online competitions, namely, *Tasavvur* - The Photography Competition; *Mukhtalif* - Poster-Making Competition; and *Anam-čara* - Online Writing Expression Competition. An online workshop on 'Gender, Sexuality and Unconscious Bias' was conducted by Ms. Malavika Goyal, Workshop Facilitator, Centre for Studies in Gender and Sexuality, Ashoka University. Ms Goyal held the audience in rapt attention with the series of pictures and questions used as part of the workshops. About 90 students participated in the workshop. In addition, an online interaction session with renowned wellness counsellor Mr. Deepak Kashyap was also held. Mr Kashyap reflected on social exclusions and mental wellbeing. A short film produced by the members of CFPI, *ABHINAT* was also screened at the event. The film highlighted our the 'normativity' of heterosexuality. The CFPI has also designed its own website and launched the same at

the event.

- iii. **Instagram live** was conducted on March 8, 2021 for celebrating the ‘International Women’s Day’. Presidents of Women’s Development Cell of Shivaji College and Deen Dayal Upadhyaya College were invited to have a candid conversation with them, for sharing their experiences etc.
- iv. ‘**Among Us, With Us**’ (Exclusive Stories from Our Inclusive College): An initiative was launched to invite entries from students of Shivaji College to share their struggle stories and how they overcame it. These stories will be shared on Centre’s website which will be launched soon. This initiative is to celebrate the courage and resilience of the students and to motivate others from such inspiring stories.
- v. World Cancer Day was celebrated by releasing a video featuring our students and informing what little could be done to make the world free of cancer. Discrimination on the basis of chronic ailment was the main point of focus taken up by the Centre on this very specific day.
- vi. Zero Discrimination Day (Twin Year Celebrations) was celebrated on March 1, 2021 by initiating an Online Campaign on social media where students were encouraged to stand for Zero Discrimination by ‘Ending Inequalities’ (Theme for year 2021). A poetry enactment video on ‘Zero Discrimination against Women’ (Theme for year 2020), was released on the centre’s social media and a new theme was launched for the social media on the same day.
- vii. CFPI organised its first event **Online Orientation Program** on January 15, 2021. 119 participants attended the event. The Guest Speaker at the event was Dr. Nidhi S. Sabharwal, Associate Professor and the In-Charge at the Centre for Policy Research in Higher Education (CPRHE), National Institute of Educational Planning and Administration (NIEPA), New Delhi. She spoke on the topic “Student Diversity, Equity and Inclusion in Higher Education in India”.

5. COLLEGE DEVELOPMENT COMMITTEE

Work carried out by Development Committee in last one year on the basis of requisitions received from the College administrations, conveners of committees and Teachers/ Non-teaching staff of the College:

- i. Front elevation work of Science Block with providing and fixing handrail (SS-304).
- ii. Providing and fixing automatic urinal sensors, bottle trap, jet sprays etc in gens toilet near staffroom.
- iii. Providing and fixing of 12 mm thick toughened glass cabin in the office and providing and fixing of ACP sheet in the Computer Science staff room.
- iv. Making of help desk outside the Principal’s Office using 12 mm thick toughened glass.
- v. Procured a new audio system and microphone for installation in Conference Room and Staff Room of the College.

- vi. False ceiling work of in Auditorium with repair of Auditorium hall roof with water proofing.
- vii. Repair/ construction of boundary wall of college sports ground along with providing and fixing of barbed wire (concertina coil) with masonry work.
- viii. Laying of safety wall surrounding solar panel area of roof top of the college building.
- ix. Refilling of fire extinguishers installed in the College at various locations.
- x. Repair/ renovation plaster work of damaged surfaces at various locations in the College building.
- xi. Providing and fixing of floor and wall tiles at various places as per requisition.
- xii. Work in progress for building Vermicomposting pit and development work of Residential Block.

6. RESEARCH AND INNOVATION CELL – SHIVAJI COLLEGE

Research and development is the backbone of education. Research helps educationists to recognise and benefit the opportunities for collaboration, sharing of knowledge, innovative practices and skills. With this vision, the Research and Innovation Cell works to nurture research culture among the faculty members and students by encouraging them to pursue research-based activities in newly emerging and challenging areas. The Research and Innovation Cell has conducted programmes such as **Webinars** and workshops throughout the academic session to motivate the faculty members to undertake research activities. The cell facilitates and supports the faculty to undertake research projects from various funding agencies. In this line the cell has prepared a “**Handbook of Funding Opportunities for Research and Innovation**”, which is available in “**Research**” section of the college website. This Handbook is designed to provide guidance to principal investigators on regulations governing research grants and fellowships awarded by various national and international research grant agencies. It also sets out the application procedures, eligibility criteria and outlines the funding and facilities available to grant-holders.

The cell has launched Intramural Research Scheme in this academic session. Under this scheme the provision to sponsor Minor Research Projects was made. Guidelines and templates were prepared and approved by competent authority through proper channel. First call to invite the proposals was made on November 24, 2020 and the call was open till December 30, 2020 which was further extended till January 20, 2021.

Total ten research proposals were received. The proposals, which were in-order were sent for two independent blind review by eminent experts of national and international repute. Based on the recommendation of experts the decision for financial assistance to the projects was taken. Out of ten research proposals received, seven were approved, two were not in order and one was not recommended by experts. Following due procedures and necessary approvals from competent authority the Approval Letter, Sanction Order and the Date of Start of the project were issued to all approved proposals by the cell. In this academic session, the total number of beneficiaries

from this scheme are 52. Out of which, teacher beneficiaries are 14 and student beneficiaries are 38.

The details of recommended Minor Research Projects for this academic session are as follows:

S. No.	File No.	Principal Investigators	Title of the Project	Students	Sanction Order Details	Date of Start
1	MRP/2020/0001	Dr Kiran Bamel & Dr Neetu Rani	Yield Estimation of Baby Corn (Zea Mays L.) using Mathematical Modelling	1. Sumit Kumar Pathak 2. Rishta Nandini 3. Sara Gahlot 4. Divyansh Gupta 5. NandiniSingh 6. Abhinav Shukla	SH/Admn/142/21 Dated 08.02.2021	09.02.2021
2	MRP/2020/0002	Dr Arun Vir Singh & Dr Harsh Yadav	Low cost experimental setup for the determination of dielectric constant using parallel plate capacitor technique	1. Neha 2. Shourya Gautam 3. Himanshu Chauhan 4. Kumar Chandranshu 5. Amit Chaudhary	SH/Admn/77/21 Dated 22.01.2021	23.01.2021
3	MRP/2021/0004	Ms Bharti & Dr Preetika Dhawan	Tracing the Terrestrial – Remote Operated Spy Robot with Joystick Steering Control System	1. Venu Gopal Arora 2. Himanshu Yadav 3. Abhay Kr. Singh 4. Mohd Towha 5. Kartik 6. Rohit Tomar	SH/Admn/247/21 Dated 25.02.2021	26.02.2021
4	MRP/2021/0005	Dr Kiran & Ms Deepti	Study of Socio-Economic Impact of COVID-19 using Mathematical Modelling and Data Analytics Techniques	1. Anu Kriti Tripathi 2. Shefali Karla 3. Udit 4. Piyush Dahiya 5. Suyesh Pathak	SH/Admn/246/21 Dated 25.02.2021	26.02.2021

5	MRP/2021/0007	Dr T. S. Rana & Dr Bharat Ratnu	Pattern and consequences of climate change on agriculture: a micro level study of two villages in Haryana	1. Khushi Kaushik 2. Rozina Akhtar 3. Khushwant Kakran 4. Manoj 5. Tamanna 6. Nikita	SH/Admn/245/21 Dated 25.02.2021	26.02.2021
6	MRP/2021/0008	Ms Nimita Kant & Dr Jitendra Chaudhury	Genomic, structural and mutational analysis of SARS-CoV-2 using in silico approach	1. Adyasha Rout 2. Abhishekh 3. Ishika Panchal 4. Shamashree 5. Lagan	SH/Admn/248/21 Dated 25.02.2021	26.02.2021
7	MRP/2021/0009	Dr. Deepika Yadav & Dr. Nidhi	Synthesis and characterization of multifunctional ZnO nanoparticles for biomedical, piezoelectric and ferroelectric applications	1. Mitali Kapoor 2. Niraj 3. Nipun Sareen 4. Yashika Kataria 5. Mayank	SH/Admn/244/21 Dated 25.02.2021	26.02.2021

Events conducted in 2020-21:

- xiii. One day National Level workshop on “Various aspects of research funding, academic writing and publication ethics” organised on January 30, 2021.
- xiv. **National Webinar-I** titled “Impact Centric Research: Funding Opportunities and Challenges in Framing Successful Research Proposal” organised on July 11, 2020.

7. CULTURAL COMMITTEE

The College has a very vibrant Cultural Committee that provides a platform for students to showcase their creativity and talent. There are Seven Societies under the Cultural Committee such as Music, Fashion, Dramatics, Dance, Fine Arts, Photography and Debating. The activities of the Cultural Committee are largely Student-Driven with proper guidance from the Faculty Members. These Societies are active throughout the year. Besides helping students in honing their talent and skills, these sub societies also organise their respective annual festivals.

Events conducted in 2020-21:

- i. Vibrations - The **Cultural Fest** of Shivaji College, University of Delhi, was held from April 14-16, 2021 in an online mode. The Inaugural Ceremony held on April 14 at 10 AM was streamed live on the Official YouTube channel of Shivaji College. Inauguration was graced with the presence of our renowned alumni Mr. Rehan Hooda, chief sub-editor, India Times Group, Mr. Ashtam Neelkanth, Director, The Eighth

Dimension Personality thinking and Mr. Rajesh Kumar Jha, founder Maithili Akaanksha Manch. They shared with the audience their life journey and success stories.

- ii. **Vibgyor**- The fine arts society organised ARTISTICO'21 during Vibrations. It included two competitions viz. 'Evilliptian'- A Miniature Painting Competition and 'Artआक्षर'- A Typography Art Competition. It also organised a Sketching Workshop. The winners were from Sri Guru Gobind Singh College of Commerce, Shyama Prasad Mukherjee College, Kamla Nehru College, Sri Guru Tegh Bahadur Khalsa College and Zakir Husain College.
- iii. The **Online Sketching Workshop** was held on April 15, 2021 from 2:00 PM onwards. Well-known artists, Mr. Satendra Kumar and Ms. Nibedita Roy were invited to conduct the workshop and enlighten the students.
- iv. Dictum, The Debating Society successfully conducted **Athena'21, the Turncoat Debate** on April 14, 2021. The debate was bilingual, with both the English and Hindi debating societies organising it on online platforms. Winning teams were from Jamia Millia Islamia, Shri Ram College of Commerce, Motilal Nehru College, Kirori Mal College and Ramjas College.
- v. The Literary Society of Shivaji College along with the Cultural Committee organised an **Open Mic Event** on April 16, 2021, via Zoom platform, from 11 AM onwards. The event was organised in collaboration with the Secular House. The event saw active participation from across the nation. Students from different DU Colleges came forward with their poems and songs. Mr. Nishant Jain, IAS, Director, Tourism Department, Government of Rajasthan, graced the event as a Chief Guest.
- vi. Bizarre - The fashion society of Shivaji College successfully held **Panache'21 -Online Solo Fashion Show** on April 16, 2021. The winners of fashion show were from Kamla Nehru College, Keshav Mahavidhyalaya and Sri Guru Gobind Singh College of Commerce.
- vii. Swaranjali, **Annual festival** of Reverb- the Music Society, was held on April 14, 2021. Two online competitions were organised- solo singing and solo instrumental. The chief guest and judge for the event was Mr. Rohit Chawla, famous percussionist. Some of the best performances were from Hindu College, Maharaja Surajmal Institute and Ramjas College.
- viii. Footloose, the dance society organised its **Online Competition** during Vibrations which saw enthusiastic participants from across colleges. Prize winners were from Shri Aurbindo College and Kalindi College.
- ix. Shutterbugs- The Photography society organised two **Online Competitions** during Vibrations'21- Syaahi- The online script writing and Luminum- online photography. Winners were from Miranda House, Atma Ram Sanatan Dharma College, Dayal Singh College and PGDAV College.
- x. Vibgyor, The Fine Arts Society organised series of events on February 6-7,

2021. The **Galaxy Mandala Workshop** was held on February 6, 2021 at 1pm in an online mode. Famous Mandala artist Mr. Mayank Agarwal conducted this workshop. The purpose of this workshop was to spread knowledge about the mandala art among students. Superverse an art exhibition was held for the members of Vibgyor Society exclusively. The exhibition featured the art of all media based on the theme of Super Heroes and Villains from the great universes of Marvel and DC. Various competitive events were organised like Sketch-doo-paint (sketching, painting, doodling competition, Spectrum (inter-College exhibition), Card-o-Katha (story telling through art)

- xi. Cinedrome '20- The **Annual Festival** of Shutterbugs was successfully conducted, consisting of four online competitions. Syaahi – The online scriptwriting competition, Luminum – The online photography competition, Pelicula – The online videography competition, and Takheelnama – The online photography exhibition cum competition. A live session was also held on Shutterbugs' Instagram page with Chief Guest Ashish Shulk (@shulk) on February 3, 2021.
- xii. DICTUM -The Debating Society successfully organised the 6th Edition of its **Annual Shivaji Bhonsle Hindi Parliamentary Debate** from January 29-31, 2021 in an online mode. The Hindi Parliamentary Debate was a three day- long event wherein 24 teams from various institutions competed for the running trophy. The tournament saw 5 league one on one matches, and the top 8 teams on the tally entered the knock out part of the tournament where they played for the quarter finals. That was followed by semi-final and grand finale. The winning trophy went into the hands of Hansraj College.
- xiii. Dictum, The Debating Society of Shivaji College organised its **Annual Debating Event-** Shivaji Bhonsle, English Conventional Debate on January 29, 2021 on zoom platform. It hosted 20 teams across several universities and Colleges. The Motion of the debate was “This house believes that the role of parliamentary committees should be revitalised so as to avoid deadlocks like Farmer’s protests and NRC protests”. The winning team was from Hansraj College.

8. DIAMOND JUBILEE CELEBRATION COMMITTEE

Shivaji College has achieved yet another milestone in its illustrious timeline, and is proud to celebrate its Diamond Jubilee Year 2020-21 with great pomp and elan. As a part of commemorating this remarkable feat and creating new memories, a series of lectures were organised. Dignitaries of international repute were invited to deliver talks, guide and inspire our students.

Events conducted in 2020-21:

- i. A **Webinar** titled “Education, Research and Innovation in the 21st Century: The Changing Role of Academic Institutions” by Dr. V. Ramgopal Rao, Director, Indian Institute of Technology, New Delhi was organised on February 25, 2021.
- ii. A **Webinar** was conducted on November 30, 2020 wherein a talk titled ‘Good Quality Early Education is the First Step Towards Transforming India’ was given by Prof. Rakesh Bhatnagar, Vice-Chancellor of Banaras Hindu University.

- iii. **Inaugural Lecture** for the Diamond Jubilee was held on October 30, 2020, where the honourable Chief Guest Prof. M. Jagadesh Kumar, Vice Chancellor, Jawaharlal Nehru University delivered a talk on 'Self Reliant India' followed by words of wisdom from the Guest of Honour Prof. P.C. Joshi, Acting Vice Chancellor, University of Delhi. Inspiring messages from the former Principals of the College had earlier set up the momentum of the day. An integral part of the event was the launch of SPACE i.e. Shivaji Platform for Academic Connect and Empowerment, College's very own digital platform, a state-of-the-art ERP system to keep pace with the digital mode of imparting education which especially took a prime spot during the pandemic.

Active participation by faculty and students were witnessed in all the events and the Youtube broadcasting helped reach wider audience after the maximum number of participants limit of respective platform had crossed. Finally, to mark the triumph of our College over the years, release of a Souvenir is in the pipeline on the upcoming Annual Day on the same lines as the one published during Golden Jubilee Celebration; with a brief journey of the College over the years, numerous accomplishments achieved, messages from eminent dignitaries and retired colleagues.

9. DISHA - THE CIVIL SERVICES SOCIETY OF SHIVAJI COLLEGE

To give the students a vibrant platform to step up and prepare for civil services examination, and to be the acting mentors for this specific field aspired by the College students, Shivaji College, University of Delhi has come up with an initiative to establish a UPSC society wing of its college during this pandemic. Disha, The Civil Service Society was formed on February 23, 2021. The idea behind the formation of this society came into existence when all the direct sources of the learning were absolutely ceased due to the pandemic. The convener of the society is Dr. Darshan Pandey, Associate Professor, Department of Hindi, Shivaji College. Disha was established with the objective of providing platform to young undergraduate students who wish to appear in civil service examination in upcoming years. It brings all civil service aspirants of college under one roof and assist them with all the appropriate resources and provide opportunities within the College campus. Disha organises various events and activities for all round development of its members. The events are aimed at improving the speaking and analysing skills of students.

Events conducted in 2020-21:

- i. Disha also organises quizzes to allow members to test their preparation level. Disha organises **Weekly Quiz** for its members which cover contemporary issues in the news. Quiz has questions from all the topics. Disha tries to offer a similar testing pattern as in CSE Prelims. Weekly Quiz is curated by Disha's Council itself to ensure best level assessment of its members. Disha started Weekly Quiz on April 11, 2021 and till date have organised 10 such Quizzes. Quizzes are conducted every Sunday using online platform and members are given 15 minutes to attempt 20 questions. The Quiz is organised in both Hindi and English language.
- ii. Disha also organises **Group Discussions** among its members with the goal in mind to improve oratory skills of members. GD provides platform for a student to express his/

her views and at the same time learn from the others. Group Discussion are moderated by Council Members. Seniors provide guidance to students and help in improving their speech. Group Discussions were started from April 17, 2021.

- iii. **Interactive Sessions:** These are more of an informal discussion where sole goal is to have everyone present their valuable insight about a topic. These sessions are conducted for one hour duration on alternate Sundays every month. Such sessions allows free flow of ideas and help the members who are under-confident to gain confidence to speak in public platforms. The 1st Session in series was conducted on June 23, 2021. An Interaction Session was organised by DISHA- The Civil Services Society with the College professors, Dr. Darshan Pandey (Society Convener), Hemant Lamba (A.O.) and Dr. Bharat Ratnu (Assistant Professor, Geography) on May 23, 2021 on MS Teams platform at 6pm. In this session, Umesh Meena (President) and Urvashi Gupta (Secretary) threw light upon the workings of the Society and how it is organising various workshops for the benefit of students.
- iv. **Special Webinars for Speaking Skills:** Disha also organises special discussion forum for those who are hesitant in speaking and require special attention. Anonymous google forms are circulated in the group and those who are hesitant can fill it out and join special session where they can interact and get guidance for better speaking skills.
- v. **Disha YouTube Channel:** Disha has presence on all popular social media platforms. Thus, with focus on reaching to many people, Disha launched its YouTube Channel. A dedicated YouTube was formed to oversee the channel. The channel is dedicated for providing all **Webinars** of Disha to public so the benefit of such session can pass on to everyone. Aside to the webinars, YouTube Channel also started Daily News Analysis series focussed on providing the relevant daily news to the masses. Moreover, Weekly Round-Up is also released every Tuesday in Hindi Language. The first Daily News Analysis episode was released on June 17, 2021 and it has received good response from viewers. YouTube Channel of Disha have 520 Subscribers and growing stronger day by day.
- vi. Under the YouTube Team, we launched our first **Podcast “Vishleshan”**. It is a weekly Hindi podcast released every Monday and takes a deep dive in a contemporary issue. The first episode of the podcast is live on Spotify, Apple Podcast and Google Podcast from June 21, 2021. Podcast is also shared on YouTube channel for easier access to all. Moreover, Disha’s second Podcast on “International Organisation” will go on air soon. Both the podcast is in Hindi Language and provide a detailed insight in the topic.
- vii. **Inauguration of Disha on 12th June, 2021:** After a lot of preparation, postponement, and build-up, the inauguration on the June 12, 2021. Since the pandemic is still raging, we held the ceremony digitally via Zoom. The event started on 11 A.M and had a duration of 2 hours with the presence of about 200 people. The Chief Guest of the occasion was Dr. Surender Singh Ghonkrokta (Retired IAS officer) Chairman of State

Food Commission, Himachal Pradesh who served as an IAS officer from 1985 to 2016.

- viii. **Yoga Day Celebrations:** Shivaji College celebrated International Day of Yoga on 21st June, 2021 at 6pm on ZOOM platform. It was organised by Disha, the Civil Services Society of Shivaji College, the chief guest of the event was Raj Kumar Bhurani, who has learnt yoga under the tutorship of Baba Ramdev.

10. ECO CLUB

Eco-Club, Shivaji College runs in co-ordination with the Department of Environment, Govt. of NCT of Delhi. It plays an important role in creating environmental awareness amongst the future generations. It is actively engaged in overall environmental education by organising various activities time to time.

Events conducted in 2020-21:

- i. Annual Festival of Eco Club, e-PEEPAL 2021 was organised from April 12-22, 2021. Following three On-line student's activities: (i) Video Making Competition; (ii) Eco Art Competition and (iii) e-Environmental Quiz. **Virtual visit** to Yamuna Biodiversity Park was also organised.
- ii. **Orientation programme** for first semester students was organised on January 16, 2021.
- iii. From October 2-8, 2020 to celebrate wildlife week various **Art Competition** such as Poster/ Doodle/ Cartoon Art were organised on the theme i.e. Sustaining all forms of life on earth.
- iv. From September 28, 2020 to October 4, 2021 to celebrate "Swachhata Week" various **Activities and Competitions** were organised like 'Best out of Waste', Poster making were held to impart the importance of cleanliness in an attempt to create a zero waste zone.
- v. On September 16, 2020, Eco Club also organised an '**Online Poster Making Competition**' to celebrate 'World Ozone Day' on the theme 'Ozone for Life: 35 years of Ozone Layer Protection'.
- vi. Eco-Club organised an "**Inter College Online Debate Competition**" on August 20, 2020 on Zoom platform. The topic of the competition was 'Constitutional Provisions: Citizens' Rights v/s Citizens' Duties for Clean Green Environment'.

11. E- LEARNING CELL

The E- Learning Cell, Shivaji College was created to combat the challenges of online teaching. It was constituted by the College in August 2020, with the purpose of keeping the faculty and students updated on the latest technological innovations in ICT. It aims to enable teachers to fulfil the emerging demands of ICT skills in the teaching-learning process. This has become particularly relevant not only in the current scenario that has arisen out of the COVID-19 pandemic, but also in the context of the rapidly shifting paradigms in education.

Events conducted in 2020-21:

- vii. To enhance IT skills of the students and to make them more employable, the E-Learning Cell collaborated with Spoken Tutorial Project, an initiative by IIT Bombay. Spoken Tutorial project is the initiative of the “**Talk to a Teacher**” project of the National Mission on Education through Information and Communication Technology, launched by the Ministry of Education, Govt of India. Under this project the Cell successfully conducted two add-on courses in Python and R, in February-March 2021. With the advent of Data Science these courses have become relevant and are very much in demand. Course completion exam for the same was held online in April, 2021.
- viii. For 1st year students admitted in November 2020, **MS Teams training sessions** were organised from November 23-25, 2020, to equip the students with necessary skills to adapt to virtual classrooms. The training provided a hands-on session for students to effectively engage and collaborate in online sessions.
- ix. **MS Teams training sessions** were also held for students of second and third year from September 28 – October 9, 2020. The training was designed at making students familiar with the features of Microsoft teams to make online learning as personal, engaging and socially connected as learning in a classroom.
- x. A **Workshop** on Microsoft Excel and Microsoft PowerPoint for faculty members was held from September 28 – October 3, 2020. The resource person for the workshop was Dr. Surbhi Madan, Department of Mathematics, Shivaji College. The programme intended at facilitating the skills of the faculty in using MS office tools, which are needed extensively for carrying out academic as well as administrative responsibilities.
- xi. With the outbreak of Covid-19 pandemic, educators across the globe transitioned to virtual teaching learning platforms. To assist all faculty to smoothly transition to MS Teams platform, **Training Programme** was organised from August 24-29, 2020. The hands-on session aimed at making the faculty well versed with interactive and collaborative features available in Microsoft Teams to manage their online classes effectively.
- xii. A one week **Online FDP** on “ICT Enhanced Teaching Learning and Creating MOOC’s” was organised from August 18–25, 2020, in collaboration with Teaching Learning Centre, & Research Development and Services Cell, Ramanujan College, University of Delhi. The inaugural session of the FDP was held on August 18, 2020, on Zoom in the presence of Padma Shri Prof. Dinesh Singh, Prof. Shiv Kumar Sahdev, Principal, Shivaji College and Dr. S. P. Aggarwal, Principal, Ramanujan College. The programme intended to help educators manage their curriculum effectively and extend support to the students for improved learning and communication. The FDP aimed at equipping the participants to successfully create e-content, integrate OERs in their online teaching modules and develop their own MOOCs. More than 1000 participants from all over the country registered and successfully completed the programme. The valedictory session was held on August 25, 2020. The chief guest for the event was Prof. Ramesh C. Gaur, Dean, Director (Library & Information) and Head- Kalanidhi division at Indira Gandhi National Centre for Arts.

12. ENACTUS SHIVAJI

Enactus is an international organization that is dedicated to create a better world while developing the upcoming generation of social entrepreneurs. Enactus, Shivaji College, is one of the chapters included in “Enactus India”, which is a network of students, faculty, and business leaders, working together through social entrepreneurship, to resolve socio-economic challenges of communities in need to create a better and a more sustainable world.. Our mission is to provide an impetus to students in the area of management training, education and research; and to build, expand and reinforce the required managerial skills to excel in the area of globalization. Enactus Shivaji was founded in 2015, and since then it has always looked up to take up more challenges and projects so that we could benefit the unprivileged. Enactus Shivaji has till today introduced two major projects, Project Bandhani (cloth designing) and Project Sana (reusable sanitary napkin), which made 1000+ lives better and self-sufficient. For this Enactus Shivaji collaborated with certain NGOs. Project Sana secured a place in quarter-finals of ENACTUS India National Competition. This Project also won 2nd position in B-Plan Competition organised by EDC Shivaji College. Enactus Shivaji took up a new project, Project M, where M stands for mushroom, mycelium and manure during 2020-21. Our project includes cultivation of mushrooms from stubble and then growing Mycelium as a substitute of plastic. All the waste product will be used to produce organic manure and thus, engage in zero waste production.

Events conducted in 2020-21:

- i. On May 28, 2021 Menstrual Hygiene Day was celebrated with an **Awareness Campaign** on Instagram. The campaign included First Period story - Boy's Edition, Degendering Menstruation, Campaign on #MahavariInMahamari .
- ii. In April, 2021, the team took part in various competitions: **B-plan Competitions** organised by Entrepreneurial Development cell of Shivaji College, *Tadbeer B-Plan* competition of Advitya 2020, Enactus JMC, and *Impresa '21*: Miranda House, *Vichar Haat* ABV IITM.
- iii. Enactus Shivaji organised AVENSIS 2021, **National Business- Plan competition** on April 30, 2021 where 95 registrations from all over India were received. The first competition for Existing Projects was judged by Mr. Ashutosh Kashap Founder WhiteWhale and Mr. Shailendra Singh Founder CEO Sustain Mantra, and the second competition for New Projects was judged by Mr. Saurabh Nanda Director, SN Mentoring and Mr. Iesh Pratap Singh, Founder & CEO of Winning Edge.
- iv. Enactus Shivaji won the **National Competition** organised by Enactus India by having the most number of views on its video on the Theme- “Passion on Purpose in the month of April, 2021.
- v. On March 25, 2021 **Mentorship Session** was conducted under the guidance of Mr. Bidyut Chakraborty, Director, Mining and Metals Advisory at KPMG India.
- vi. On March 11, 2021 **Mentorship Session** was conducted under the guidance of Mr. Aditya Arora, CEO, FAAD Network

- vii. On November 28, 2020, an **Orientation Program** was organised for the first-year students with the eminent speaker Mr. Terry Torok, the Chief Innovative Officer of Enactus, from the USA
- viii. On November 21, 2020, **Online Training Session** was organised on “How to make pads at home.” More than 20 women participated in this session.
- ix. On October 17, 2020, a **Webinar** was organised regarding the Awareness of Breast Cancer. The guest speaker for the event was Dr. Neeti Leekha Chhabra (Founder and President of ‘Yes to Life’ NGO)
- x. From September 21- October 7, 2020 to contribute to the United Nations Sustainable Goals Movement, Enactus Shivaji had a sustainable September where we acknowledged all the 17 sustainable development goals on various social media handles of the society.
- xi. Enactus Shivaji team participated in **Enactus National Competition** organised every year by Enactus Organisation and reached the quarter-finals with their project SaNa competing 110 teams all over India.
- xii. On July 6, 2020 a **Webinar** was conducted on the Importance of Soft Skills in Post Covid Era, in collaboration with the NSS unit of Shivaji College. The event was led by Mr. Mukul Goel, the founder of Make Me Builder.
- xiii. On July 21, 2020, Enactus Shivaji organised **Instagram Live Session** with Ms. Jharna Singhal, a law student, and menstrual educator. She addressed the myths associated with using cloth pads and shared her experience on the same.

13. ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)

EDC of the College is to explore the potential of young and innovative minds and nurture their capabilities. It is conducting the seminars and personal interaction sessions with the trend setters of various start-ups. The main objective of EDC is to identify the capabilities of young minds and making them ready for their innovative accomplishments and start-ups.

Events conducted in 2020-21:

- i. **E-Summit Annual Programme** was organised on April 8, 2021 where seven eminent speakers with credentials of national fame motivated the students and shared their success stories and related stumbling blocks. The event involved Panel Discussion, Special Invited Lecture, Round Table, B-Plan (Business Plan) and Quiz programmes. More than 500 students participated in the event from different Colleges and universities. The events of student’s presentations were given prizes with reward money.
- ii. A **Webinar** was organised on January 31, 2021 ‘Zero to One’ where two successful entrepreneurs, Mr. Ishan Arora and Mr. Murrad from Fin-Ladder start up delivered thought provoking lectures and shared their success stories with the students. More than 350 students participated the programme.

- iii. **Orientation Programme** was conducted on December 5, 2020 with eminent and young entrepreneur Mr. Ashutosh Kashyap, who motivated the students for innovative outcomes. It was an outstanding session to ignite the young minds. More than 300 students from various disciplines participated in the programme.

14. EQUAL OPPORTUNITY CELL (EOC)

Equal Opportunity Cell is an organisation for development of disabled students. It organises various competitions and cultural events. The main aim of this organisation is to help the disabled students in every possible way to prosper. 'Help The Blind Foundation' distributed scholarships of Rs. 10,000 each to 17 EOC blind students of Shivaji College in Academic year 2020-21.

Events conducted in 2020-21:

- i. One Day **Online Inter - College Event** was organised on April 24, 2021 on MS Teams App. More than hundred students participated in Two different competitions (Singing and Debate Competition).

15. FEE CONCESSION COMMITTEE

The Fee Concession Committee invited applications from students for fee concession in the month of November 2020. As admissions of first year students went on till December, 2020, the applications were accepted till January 18, 2021. Total number of students who applied for fee concession were 377. Interviews of applicants were conducted in the month of February and March 2021 and number of students who were granted fee concession were 219. Total amount disbursed for the fee concession was Rs. 8,25,860.

16. FINANCE & INVESTMENT CELL (FIC)

The Finance and Investment Cell (FIC) of Shivaji College, founded in 2019, is a student-run educational society that strives to spread financial literacy amongst today's youngsters and future prospective financial specialists. Furthermore, it intends to provide useful insights into various financial sectors including stock markets, corporate finance, financial management and financial analysis.

Events conducted in 2020-21:

- i. The **Annual Finance Fest – FINANZEN** conducted on February 22, 2021
- ii. Orientation conducted on November 21, 2020
- iii. **Webinar** titled 'Crafting Your Career' organised on October 10, 2020
- iv. **Webinar** titled 'Technical Analysis' organised on July 1, 2020
- v. **FIC Shivaji, OTS**, June 15, 2020
- vi. **Webinar** titled 'Fundamental Analysis' organised on June 9, 2020
- vii. Vitlitt, **The Financial Literacy Campaign** organised on May 7, 2020.

17. GARDEN COMMITTEE

As per continuation of the tradition, the Garden Committee of Shivaji College, during Pandemic of Corona Virus continued to celebrate ‘Van Mahotsav’ (Plantation Day) on the occasion of Teacher’s Day on September 5, 2020. The saplings planted in the main lawn of Shivaji College were of flowering plant China rose (*Hibiscus sps*). Shivaji College Principal, Chairman Mr. Ajay Bhatia, other GB members, faculty members and non-teaching staff participated in the plantation day held in the main garden. University Garden Committee provided few native trees/shrubs (Gulmohar, Bael, Neem and other flowering tree species, Palms etc.) to continue the plantation in the College. Shivaji College has set up and maintains one of the best herbal gardens in the University of Delhi for the promotion and conservation of the herbal wealth. It sustains many plants of medicinal value.

During the 63rd Annual Flower Show of University of Delhi held on March 5, 2021 in the Mughal Garden, Vice Chancellor’s Lawn, University of Delhi, our College was awarded with a third prize and a highly recommended prize in the Category A.

18. GENERAL PURCHASE COMMITTEE

The general purchase committee oversees all purchase related matters of the College. The following products were purchased during the academic year 2020-2021:

S. No.	Product
1.	AccuSure FINGER TIP Adult Pulse Oximeter
2.	Magnus zoom stereo binocular microscope (magnus) (msz-bi)
3.	REMI Refrigerator
4.	Magnus Binocular Microscope Model CH20i for Biological applications in Health & Education field
5.	WD 1.001 TB Wired Portable Hard Disk
6.	hp Intel Core i5 14 Inch Laptop (Windows 10 Professional)
7.	Precast Concrete Reinforced Bench
8.	EXIDE TECHNOLOGIES 12.0 Volt Volt Lead Acid Battery
9.	WD 1000 TB Wired Portable Hard Disk
10.	Hp Webcam w200
11.	Dell Intel Core i5 10600 8 GB/ 1000 GB HDD/ Windows 10 Professional
12.	Supereq Steel Almirah 1800 Mm 4 Shelves
13.	Supereq Steel Almirah 1855 Mm 4 Shelves
14.	SanDisk 32 GB USB 2.0 Drive
15.	VOLTS Floor Mounted Cold and Normal Water Dispenser

19. INTERNAL QUALITY ASSURANCE CELL (IQAC)

The Internal Quality Assurance Cell (IQAC) – through the academic coordinators – monitors the quality of academic engagements and progress in the College. It steers the institution

towards excellence by implementing numerous institutional practices. It assesses the fulfilment of institutional requirements such as the internal assessment, mentor-mentee programme, co-curricular programmes, use of ICT in teaching-learning processes at the Academic and Administrative Audit (AAA) conducted at the end of every semester. Each department is thereby required to undertake a self-regulated assessment of teaching-learning processes and a systematic management of documents before finally fulfilling the audit requirements. In addition, as part of the audit process, laboratory management and practices are also examined. The IQAC also conducts several quality programmes every year.

Some of the IQAC initiatives in 2020-2021 are:

- i. The latest **Academic and Administrative Audit (AAA)** conducted was for the academic year 2019-2020 and was transitioned to an online mode necessitated by the Covid pandemic situation.
- ii. The IQAC implemented a streamlined feedback mechanism for students, teachers and parents in 2020. Feedback on institutional parameters such as infrastructure and facilities, curriculum delivery and pedagogy, discipline and environment, staff and support, and so on will enhance and assure the quality of the teaching-learning ecosystem in the College.
- iii. Under the aegis of IQAC in collaboration with the Teaching Learning Centre at Ramanujan College, University of Delhi organised a One Week **FDP** on “ICT Enhanced Teaching Learning & Creating MOOCs” from August 18-25, 2020. It was attended by more than one thousand participants.
- iv. A **Webinar** was organised under the aegis of Internal Quality Assurance Cell (IQAC) of Shivaji College entitled “Career Advancement Scheme: Promotions _CAS_2010_2018” at 10:30 a.m. on September 12, 2020. Dr. Vikas Gupta, Joint Secretary, University Grants Commission, was the invited speaker at the event. He spoke at length about CAS and cleared the queries of the faculty members.
- v. **Centre for Promotion of Inclusivity** was constituted in January 2021 with the support of the IQAC. This rationale behind conceptualising this platform is to offer a space wherein students can come together and deliberate on issues that are made the basis of social exclusions. This platform will be driven by students’ initiatives and organise various forms of sensitization programmes such as workshops, webinars, online campaigns, student competitions, and so on.
- vi. Under University of Delhi’s Vidya Vistar Scheme, Shivaji College has signed MoU on academic and research cooperation with Himalayan Degree College Rajouri, J&K and DAV College, Muzaffarnagar in February 2021. This scheme aims at sharing of resources, academic cooperation and educational collaboration.
- vii. The IQAC has also assiduously compiled and submitted **the Self Study Report (SSR)** in fulfilment of NAAC requirement for the 2nd cycle of assessment and accreditation (2015-2020). Despite the setback of the pandemic lockdown, the IQAC

core committee in collaboration with several Criteria members, and with the support of various office staff, collected, sorted, and compiled the documents of the previous five years and submitted the report online.

- viii. The IQAC assures the quality of teaching/learning environment in all sense. To this effect, it also monitors the fulfilment of procedures for environment-friendly mechanisms implemented in the College. The IQAC initiated the green audit (2020-21) of the College, and was conducted by authorised agency. It also facilitated the upkeep of the paper-recycling unit, which has been operational in the College, by initiating the purchase of equipment for the same.

20. LIBRARY COMMITTEE

The fully computerised library of the College subscribes to 31 newspapers, 18 magazines and 6 journals. Total number of books available in the library is 80,533 apart from 286 Braille Books. KOHA Library software with RFID system was procured and installed to improve the security of books in the library. The library management software provides better service to the users, enabling students to self- issue or return books. College library has membership of Delnet-Developing Library Network (prime objective is to promote resource sharing among libraries).

21. MAGAZINE COMMITTEE

The Magazine Committee is responsible for supervising the thematic layout and publication of the *College Prospectus* and the annual magazine *Shivraj*. The Prospectus is published usually in the month of June and it contains crucial information related to the admission process as and when delegated by the University of Delhi. It consists of dates for cut-off lists, documentation stages for admission, and various ordinances of the University. It also gives a condensed tour of the academic and administrative branches and the infrastructure of the College to the freshers.

Shivraj, the annual College magazine, is a souvenir of the creative potential of our students. Apart from urging the students to hone their creative best in the form of essays, articles and poetry, the magazine showcases a gallery of activities organised by the departments and committees throughout the year.

The Magazine Committee takes pride in conveying that it published the *College Prospectus* successfully for two consecutive academic years i.e. 2019-20 and 2020-21. The Committee is proud to share that it has been successful in publishing *Shivraj* online for the academic years 2019-20 and 2020-21 (combined). Keeping the COVID-19 pandemic in perspective, this year's edition has been themed as *Manthan*. The Committee conveys a warm thanks to the support extended by everyone in the due process.

22. NATIONAL CADET CORPS (NCC)

The National Cadet Corps unit at Shivaji College is known to be one of the most dignified unit. Shivaji College NCC is privileged to train and motivate cadets. The cadets are disciplined, passionate, and determined. Shivaji College NCC gets innumerable prizes every year in different events and camps. The cadets of Shivaji College are responsible, united and secular citizens of

India. Shivaji College has two units of NCC (Boys Division and Girls Wing). The Boys NCC Unit at Shivaji College is attached to the 2 Delhi Battalion, ITI Pusa, New Delhi, and Lt (Dr) Rajinder Singh is the Associate NCC Officer for Boys Division. The Girls wing comes under 7 Delhi Girls Battalion, Kirti Nagar and Lt (Ms.) Deepti is the ANO of the NCC Girls wing. Overall, there are 320 seats in the College (160 in each Unit). The cadets are offered a variety of courses and training wherein they inculcate or develop incredible skills and officer's qualities. They learn to serve the nation in different ways. The cadets show their contribution in various social activities like awareness programmes, blood donation, community education, and many more. Shivaji College NCC unit is highly maintained. We aim to instill a sense of comradeship, patriotism and discipline in our cadets. The NCC of Shivaji College has been active throughout the year.

Events organised in 2019-20:

- i. International Yoga Day Celebration in June, 2021 (74 cadets participated)
- ii. **Environmental Awareness Campaign** in June, 2021 (5 cadets participated)
- iii. **Vaccine Awareness Campaign** in April, 2021 (4 cadets participated)
- iv. **Swachh Bharat Abhiyaan** in December, 2020 (11 cadets participated)
- v. **Polio Awareness campaign** in December, 2020 (6 cadets participated)
- vi. **Poem recitation Competition** on Digital India in November, 2020 (4 cadets participated)
- vii. **Blood Donation camp** in November, 2020 (2 cadets participated)
- viii. **Cancer Awareness Poster making Competition** in November, 2020 (20 cadets participated)

23. NATIONAL SERVICE SCHEME (NSS)

The Shivaji College NSS Unit is dedicated to the cause of social empowerment and education, and initiatives related to rural development, healthcare, and the environment are undertaken regularly in this spirit. Discussions, interactions, and dialogues, as well as cleanliness campaigns, health screenings, blood donation camps, skill-building seminars, and social awareness programs, are all organised not only for college students but also for communities outside of the College.

NSS has held self-defence seminars as well as yoga and meditation to improve physical and mental health. We have come a long way in making this community a safer and better place for ourselves, from large-scale cleanliness campaigns to educational and self-awareness projects on traffic awareness and proper waste disposal, among other things.

Events organised in 2019-20 :

- i. A **Webinar** on Women Warriors in Defence Force held on February 13, 2021
- ii. A **Webinar** on Cervical Cancer held on February 4, 2021
- iii. A **Webinar** on Don't Limit Yourself held on January 16, 2021

- iv. A **Webinar** on Mitigating the Impacts of COVID-19 on Menstrual Health and Hygiene held on November 20, 2020
- v. **Vigilance Awareness Week** held from October 27- November 2, 2020
- vi. **Panel Discussion** on Denouncing Rape Culture and Empowering Consent held on October 26, 2020
- vii. A **Webinar** on Migraine vs Headache: Myths, Precautions and Treatment held on October 10, 2020
- viii. **‘Netradan Mahadan’** held from September 21 -October 4, 2020
- ix. A **Webinar** on Divyangta aur Samajik Dayitva held on September 24, 2020
- x. A **Webinar** on New Education Policy held on September 24, 2020
- xi. A **Webinar** on Cancer Awareness held on September 22, 2020
- xii. A **Webinar** on Knowing Mental Illness and Fighting Stigma held on September 4, 2020
- xiii. A **Webinar** on Kalighat Patachitra held on August 21, 2020
- xiv. A **Webinar** on Decoding multifarious roles of cowdung held on August 19, 2020
- xv. A **Webinar** on Failure is not the end of Life held on August 20, 2020
- xvi. **Plantation Drive** held on August 16-17, 2020
- xvii. A **Webinar** on Godhuli held on August 17, 2020
- xviii. A **Webinar** on Watercolour Painting held on August 14, 2020
- xix. A **Webinar** on Blue and Pink held on August 10, 2020
- xx. A **Webinar** Mera Sangharsh Meri Kahani held on August 16, 2020
- xxi. A **Webinar** on Madhubani Art held on August 4, 2020
- xxii. A **Webinar** on Best out of Waste held on July 31, 2020
- xxiii. A **Webinar** on Subconscious Mind and Behaviour held on July 25, 2020
- xxiv. A **Webinar** on Mandala Art Therapy held on July 21, 2020
- xxv. A **Webinar** on LGBTI held on July 18, 2020
- xxvi. A **Webinar** on Bharatiya Sanskriti aur Mulya held on July 17, 2020
- xxvii. A **Webinar** on ‘Lupt hoti Himachali Sanskriti’ held on July 11, 2020
- xxviii. A **Webinar** on Preserving Indian Art held on July 9, 2020
- xxix. A **Donation Drive** for Earth Saviour Foundation held on July 3, 2020
- xxx. **Webinar** on Health through Yoga and Meditation in collaboration with Dept. Of Physical Education on July 6, 2020
- xxxi. **Webinar** on Power of Scientific Meditation for Rise in Life on November 19, 2020

xxxii. Webinar on Adolescent Health Risk and Solutions on September 14, 2020

xxxiii. SAPNA : Sanitary Pad Donation Drive on March 8, 2021

Donation Drives organised:

i. Earth Savior Foundation –July 3, 2020

During the session 2020-21 many donation drives took place. The Earth Savior Foundation was the beneficiary of a “Donation Drive” organized by NSS Shivaji (Let No One Sleep Hungry). It aimed to solicit a small donation from the public to assist the less fortunate. Sanitizers, masks, gloves, raw food products, and other items were mostly donated. It was during this time that the Coronavirus had just been uncovered, and masks and other precautions had been made mandatory.

ii. **Mask Donation Drive** – July 7, 2020

NSS Shivaji organised a mask donation drive to raise awareness about the importance of masks, particularly in the wake of the pandemic. Masks are important resources for preventing Covid 19 transmission in the community. By the summer, the number of covid cases had skyrocketed, and masks were the only way to prevent the virus from spreading. NSS Shivaji took it upon themselves to inform the public and provide masks to help monitor the situation.

iii. **Food Donation Drive-** October 16, 2020

Under the aegis of IQAC, the NSS unit of Shivaji College organised a Donation Drive for ‘The Earth Savior Foundation’ with the motive: ‘Let No One Sleep Hungry! in which one could donate in-kind; Atta, rice, pulses, Sugar, non-perishable items or any item of their choice at The Staff Room, Shivaji College. Everyone’s support facilitated the organisation to continue assisting all the needy people.

iv. **Plantation Drive** – August 16-17, 2020

The team of NSS Shivaji College organized a “Plantation Drive”. Due to the pandemic, we nearly forgot about planting trees in our nearby parks and society and so we took the initiative to make our environment clean and green.

v. **Diya Donation Drive** – November 14, 2020

The NSS team donated Diya to the poor household workers to brighten up their Diwali festivities.

vi. **Sanitary Pad Donation Drive-** March 8, 2021

Donation Drive Under the Aegis of IQAC, the NSS unit of Shivaji College organized a sanitary pad Donation drive under the initiative SAPNA where we all put a step forward For the noble cause to donate a packet of Sanitary pads.

Curricular activities amid the lockdown:

To help people cope with the lockdown and maintain their mental, physical, and emotional well-being, a variety of online events and webinars were held. It was entertaining, imaginative, and most importantly, it assisted all of us in overcoming our boredom. Some of them are:

i. Prolific Lockdown Stories and Online Campaigns.

ii. Internship Opportunities

- iii. You write we publish
- iv. Best out of the Waste Campaign

Health Guidelines:

On NSS Sivaji's social media handles, a daily update of guidelines was maintained, including proper mask use and disposal, immunity and diet, social and physical distancing, yoga, and physical workouts.

Many events related to health took place including:

- i. Collaboration with fit India youth club
- ii. Nutrition guide
- iii. Webinars

Competitions Organised:

Over 20+ completions were organized during the whole academic session including • Online quiz competition:

- i. Art competition – Shaping peace together
- ii. Letter Writing
- iii. Gandhi Art competition
- iv. Poetry Competition on the occasion of Independence
- v. Poster making competitions and many more.

The winners were felicitated with certificates and appreciation posts were posted on social media as well.

Awareness videos by our Play Team- Yatharth:

The Student Play team of NSS- YATHARTH made several videos including:

- i. Benefits of yoga- Even at times of hardship yoga helped us boost our immunity and fight against the virus
- ii. National girl child day- unit of NSS aimed at creating awareness about the rights of girls, to promote their education, health, and nutrition through this video
- iii. A tribute to soldiers- No words can define the contribution of soldiers towards our country, their courage, determination, and sacrifice are what we all salute them for.
- iv. Virtual play on brain drains- Things that may fascinate us at first may not be what will help us achieve success, which is what this video gives us an example of.
- v. Domestic violence- let's break the silence: women have faced several kinds of domestic violence and tolerated it, but this video gave us a brief about to break this silence and to raise voice against violence
- vi. Vaccination- Covid Vaccination myths and facts, exercises to increase oxygen saturation, and many more motivational videos.

Setup of AASHA Campaign – April 11- May 15, 2021

NSS Shivaji's team has been working tirelessly to compile a list of checked and operational helplines and contacts for the urgent need for oxygen cylinders, ICU beds, plasma donors, injections, and medications. Every day, following a series of checks, the helplines are made public to assist those in need.

Under the AASHA CAMPAIGN, various awareness posts were posted early including:

- i. Vaccination awareness
- ii. Exercise videos to increase Oxygen Saturation
- iii. Healthcare Survey

The session 2020-21 was very successful which included over 70+ events. The guidance of Teachers along with student volunteers participation made it possible to achieve such great heights

24. PLACEMENT CELL

Shivaji College has a very active Placement Cell that works round the year to provide internship and employment opportunities to its students. This year around 300 students completed their internship programme and around 35 students were placed in different companies. The highest placement package was 7 lakhs p.a. and highest internship stipend was around 20,000 p.m.

Events organised in 2020-21:

- i. **Annual Internship Fair**, CRESCITA'21 held from April 1-5, 2021
- ii. **Annual Internship Fair**, CRESCITA'21 inauguration held on March 31, 2021
- iii. **Workshop** on 'Riddle Out Guesstimates' held on February 21, 2021
- iv. **Webinar** on 'How to Build a powerful LinkedIn Profile?' held on January 24, 2021
- v. Add on **Course on Legal Awareness**: The orientation was held on January 18, 2021 followed by the sessions from January 19 - February 17, 2021
- vi. **Webinar** on Personal Interview, Communicate with Clarity held on November 2, 2020
- vii. **Webinar** on 'Group Discussion, Excel: The Round Table' held on Date November 1, 2020
- viii. **Webinar** on 'Let Your Resume Speak' held on October 31, 2020
- ix. **Workshop** on 'Job VS Further Studies' held on September 29, 2020
- x. **Webinar** on Introduction to Blockchain (Money and Beyond) held on August 14, 2020

Session on 'Art of Influencing through communication' held on July 13, 2020

25. SPADE (Society of Practical Applications and Development of Economics)

SPADE is the socio-economic society of Shivaji College aiming to 'Redefine Notions' and develop an Indian school of economic thought. The society was established with an aim to unravel the creativity inside an individual and help redefine the notions of our thoughts on socio-economic issues. It provides a platform where views of experts, teachers and students are taken into account as to how, the youth of the nation can help in redefining the notion of our thoughts by way of workshops, group discussion sessions and our annual projects- Arthmanthan (SPADE's research yearbook) and a Documentary.

Arthmanthan is the annual research book of Spade, published to further the society's vision of an Indian school of economic thought. SPADE Productions produces a documentary every year featuring in-depth study of a contemporary socio-economic issue. The society organises its annual fest, ACE of SPADE (Annual Consortium for Excellence) which embolden students to apply their knowledge practically in diversified games organised in the event.

Events organised in 2020-21:

SPADE, the socio-economic society of Shivaji College, organised its much-awaited annual fest – **Annual Consortium for Excellence, ACE of SPADE** on February 26, 2021, overwhelmed with enthusiasm. Due to the ongoing COVID-19 pandemic, the event was conducted in online mode for the first time.

- i. The theme for this year was '**Cyber Security**'. Dr. Soumi Dutta, Associate Professor, IEM, Kolkata, and Dr. Sandeep Shukla, Professor, IIT-Kanpur honoured the event with their presence as the guest speakers.
- ii. SPADE, Society for Practical Applications and Development of Economics, the socio-economic society of Shivaji College, conducted a **Webinar** on "**Cyber Crime and Preventive Measures**". The webinar was conducted by an industry specialist, Founder & Director of New Era Systems, Ms. Priyanka Tomar November 10, 2020

26. STAR COLLEGE COMMITTEE

I. Activities by the Department of Biochemistry (2020-21):

- i. **Online Hands-on Training Workshop** for students using Bioinformatics Tools for Understanding Protein Biology, April 16-17, 2021
- ii. A **Virtual Lab Tour** of the research labs of the Regional Centre for Biotechnology (RCB), Faridabad, India was conducted by Dr. Saikat Bhattacharya on April 16, 2021 at 5 PM, on MS Teams virtual platform.
- iii. A **Virtual Lab Tour** of the research labs at the Jawaharlal Nehru University (JNU), Delhi, India was conducted by Dr. Souvik Bhattacharya on April 15, 2021 at 1 PM, on MS Teams virtual platform.
- iv. The **Annual Academic Festival** of the Department of Biochemistry was held on April 06, 2021, and included the following:

- v. An invited **lecture** by Professor Sudhanshu Vrati, Executive Director, Regional Centre for Biotechnology (RCB), Faridabad delivered a talk titled “Covid-19 therapeutics”,
- vi. **Inter-College Virtual Poster Presentation**
- vii. **Inter-College Virtual Debate Competitions**
- viii. **Workshop** for Government School Teachers in Biological and Chemical Sciences from March 22-26, 2021
- ix. **Online Alumni Meet** was organised on March 13, 2021 on virtual platform-Zoom
- x. **Inter College Laboratory Skill Training Programme** for Assistants/Attendants in the Chemical and Life Science Laboratories, February 8-15, 2021
- xi. Five-day **National Workshop** with Hands-on Training through Virtual Platform on “Bioinformatics and Biostatistics: A Beginner’s Guide” from January 16-20, 2021
- xii. **Online Workshop** on “*Drosophila melanogaster*: A beginner’s Guide to Culturing and Maintenance”, November 12, 2020
- xiii. **Webinar** by Dr. Reddiah B. Mummaneni, Neurologist and Sleep specialist, Cedar Park Regional Medical Center, Cedar Park, Texas, USA on the topic “The Malleable Brain” on October 10, 2020
- xiv. **Webinar** by Dr. Arijit Bhowmick, Leading Oligo Therapy and ex-vivo CRISPR R&D core teams at Regeneron, USA, on “Using Oligonucleotides As Drugs: The Story of siRNA, ASO and Aptamers” on September 25, 2020
- xv. **Webinar** by Dr. Manish Kumar, Department of Biophysics, University of Delhi, on “Meta-Analysis: Predicting Future using Past”, on July 25, 2020
- xvi. **Webinar** by Dr. Anita Aggarwal, Scientist E, DST, on “Building Science Technology and Innovation capacity: An Overview of Ecosystem”, on July 22, 2020
- xvii. **Webinar** by Professor Yogendra Singh, Department of Zoology, University of Delhi on “Microbial Genes and Genomes: Impact on our lives”, on July 20, 2020
- xviii. Six week **Online Summer Training Program** on “Research Methodology” from June 18 –July 30, 2020

II. Activities by the Department of Botany (2020-21):

- i. A four-week **Event**, “Tools and Techniques in Plant Sciences: Morphology to Metabolome,” was held at National level (July 6-31, 2020) under the aegis of DBT sponsored Star College scheme.
- ii. Department of Botany, under the aegis of DBT sponsored star College scheme organised an **International Webinar** on “Environment, Gender and Climate Change” on July 27, 2020. The speakers of the event were Dr. Greta Gerrard, Professor of English, University of Wisconsin, USA; Dr. Vandana Singh, Professor of Physics, Framingham State University, USA and Dr. Vijaya Laxmi Singh, University of Delhi.
- iii. Department of Botany, organised a **National Webinar** on “Impact of

Coronaviruses on human central nervous system: latest updates and trends” on January 16, 2021. Speaker was Dr. Ritu Mishra, DST-INSPIRE Faculty from National Institute of Immunology.

- iv. Department of Botany, organised a **National Webinar** on the topic “Decolorization and detoxification of textile waste waters using laccases of *Cyathus bulleri*” on January 21, 2021. Speaker was Prof. Saroj Mishra, from Department of Biochemical Engineering and Biotechnology, IIT Delhi.
- v. One week **Training Programme** “Inter College Laboratory Skill Training Programme for Assistants/Attendants In The Chemical And Life Science Laboratories” was organised on February 8 -15, 2021) under the aegis of DBT sponsored Star College scheme.
- vi. The Department of Botany organised a **Virtual Visit** to Yakult Danone Plant, Sonipat via MS teams for students of Botany (H), 6th semester on February 25, 2021.
- vii. A five-day **Workshop**, “Workshop For School Teachers In Biological And Chemical Sciences” was organised by the Department of Biochemistry, Botany, Chemistry and Zoology of Shivaji College under the aegis of DBT sponsored star College scheme from March 22-26, 2021.
- viii. An **Online Workshop** on “Mushroom Cultivation” by Mr. Sumit Sharan, the Founder of Shroomery - A mushroom cultivation farm located near Manesar, Gurgaon was organised by the Department of Botany on March 6, 2021.
- ix. Department of Botany organised **Annual Botanical Fest**, Juniper 2021 on online platform from February 28- March 02, 2021.
- x. Mentored three Colleges (Outside Delhi) to apply for DBT Star Scheme:
 - Government J.D.B. Girls College, Kota, Rajasthan (on February 5, 2021).
 - Jawaharlal Nehru College, Pasighat, East Siang District, Arunachal Pradesh (on February 5, 2021)
 - Government P.G. College, Ambala Cantt (on February 17, 2021).

III. Activities by the Department of Chemistry (2020-21):

- i. A **Virtual Tour** of “CSIR LABS” on April 21, 2021 at 11:00 AM on Microsoft Teams platform. It involved VIRTUAL tours in the form of videos, to seven CSIR Labs.
- ii. **Online Workshop** on the topic “Riveting Story of Molecular Modelling” on April 10, 2021, on Zoom platform.
- iii. A five-day **Workshop**, “Workshop for school teachers in biological and Chemical sciences” was organised from March 22-26, 2021.
- iv. **Inter-College Laboratory Skill Training Programme** was organised for Assistants/Attendants in the Chemical and Life Science Laboratories from February 8-15, 2021.

- v. **Poetry Competition** on the theme “International Day for preventing the exploitation of the environment in war and armed conflicts” in the month of November, 2020.
- vi. **Poster Making Competition** on the theme “Let’s Recycle and conserve our Planet” in the month of November, 2020.
- vii. **Annual Chemistry Fest “Rastantrum ‘20”** on the theme “Climate Change 3.0: It’s now or never” held on November 2, 2020.
- viii. **Caricature Sketch Competition** on the theme “Our Famous Scientists” in the month of October, 2020.
- ix. **Cartoon Making Competition** on the theme “Glimpses of Chemistry Lab” in the month of October, 2020.
- x. A **Webinar** by Dr. Ram Singh, Associate Professor, Department of Applied Chemistry, Delhi Technological University on the topic “Alzheimer’s Disease- Facts, Challenges & Opportunities” on October 17, 2020.
- xi. A **Webinar** by Dr. Sandeep Lal, Principal Scientist at Indian Agricultural Research Institute (IARI) on the topic “Environmental challenges in front of society in current scenario and future strategies” on October 09, 2020.
- xii. **Digital Collage Making Competition** on the theme “Academic Life during Lockdown” in the month of September, 2020.
- xiii. **Digital Logo Making Competition** on the theme “Chemistry as a Symbol” in the month of September, 2020.
- xiv. A **Webinar** by Professor Balaram Pani, Dean of Colleges, University of Delhi on the topic “Correlation of Environmental Chemistry in National Education Policy” on September 27, 2020.
- xv. A **Webinar** by Dr. Himanshu Ojha, Scientist E and Joint Director at INMAS DRDO on the topic “The Contribution of DRDO in Prevention and Management of COVID-19 Pandemic” on September 26, 2020.
- xvi. A **Webinar** by Professor A. K. Bakhshi, Vice Chancellor of PDM University, Bahadurgarh, Haryana on the topic “National Education Policy (NEP)-2020 for Quality Higher Education” on September 19, 2020.
- xvii. Four-week **Online Summer Training Program** on “Virtual World of Chemistry” from July 1-28, 2020 on Zoom platform.

IV. Activities by the Department of Zoology (2020-21):

- i. Department of Zoology, Shivaji College, organised an **Online Alumni Meet Cum Guidance Programme** on April 25, 2021
- ii. Department of Zoology, Shivaji College, University of Delhi, organised its annual fest “Zoo Carnival”, on March 26, 2021. Following activities were conducted:

- iii. Zoolywood - **Online Quiz competition** (Round I & II)
- iv. Masquerade - **Online face painting Competition** (THEME - Endangered / Endemic Faunal species)
- v. Raise Your Voice - **Online poster competition** (THEME - Against Cruelty on animals)
- vi. Life Through Lenses - **Online photography competition** (THEME - Animals in the vicinity)
- vii. **Mentoring Sessions** were held through Zoom Virtual Platform to help applying for DBT Star College Scheme for the following institutes:

On February 5, 2021 from 4 p.m.- 6 p.m.

- **Government J.D.B. Girls College, Kota, Rajasthan**
- **Jawaharlal Nehru College, Pasighat, East Siang District, Arunachal Pradesh**
- **And on February 17, 2021 from 4:00 p.m. – 6:00 p.m.**
- **Government P.G. College, Ambala Cantt**

The faculty members of the above 3 institutes were also guided for devising subject-specific projects and practical for the DBT Star College Scheme.

- viii. A five-day “**Workshop** for school teachers in biological and Chemical sciences” was organised from March 22-26, 2021. Around 20 school teachers from different branches of Rashtriya Pratibha Vikas Vidyalaya (RPVV) participated in this workshop.
- ix. A **Webinar cum training session** on, “How to Read Scientific Literature & Introduction to MANAV- The Human Atlas Initiative”, on February 24, 2021 by Dr. Anupma Harshal W. from IISER, Pune
- x. One week **Inter College Laboratory Skill Training Programme** for Assistants/ Attendants in the Chemical and Life Science Laboratories from February 08-15, 2021.
- xi. A **Webinar** was conducted on, “Plastics & Endocrine Disruption: A 21st Century Update”, on September 24, 2020 under the aegis of DBT Star College Scheme by the Department of Zoology by Dr. (Prof.) Deep Dutta, D.M. Endocrinology FRCP, FACE.
- xii. A **Webinar** titled “Combating the millennium pandemic: Diagnostics & Infection prevention” by Dr. Devjani De, Head, Microbiology, Dr. Dang’s Lab was held on September 18, 2020.
- xiii. A **Webinar** on, “Butterflies: The Winged Jewels”, on September 10, 2020 in collaboration with Bombay Natural History Society & Conservation Education Centre Delhi as a sensitization program for students under Big Butterfly Month India 2020, by Education Officer CEC -BNHS Dr. Ishtiyak Ahmed.
- xiv. A **Webinar** was organised by the Department of Zoology on July 11, 2020 titled “Importance of IPR in Pandemic situation: Special focus on Expedite Patent Processing”, by Dr. Kumar Kartikey Yadav, Examiner of Patents & Designs Patent

Office, Delhi.

- xv. A **Webinar** was organised by the Department of Zoology on July 9, 2020 titled, “Epidemiology, Detection, Treatment and Comparative Genomics of SARS-CoV-2 and Managing Personal and Professional Life During COVID-19 Pandemic and Lockdown”, by renowned academician Prof. Rup Lal, FNA, FNASc, FNAAS, NASI Senior Scientist Platinum Jubilee Fellow, The Energy and Resources Institute (TERI).
- xvi. A **Webinar**, “Online Guidance Program Regarding Entrance Examinations for Higher Studies & Scholarships in Biological Sciences” for undergraduate students on June 16, 2020 by Dr. Pooja Tanwer, Research Associate, I.I.T. Delhi and DAAD Fellow
- xvii. A six-week **Online Summer Training Program** “COVID-19: Epidemiology & Impacts” was held at national level from June 15- July 25, 2020.
- xviii. A **Poster Making Competition** was organised by ‘OYSTER’ the Zoological society, in the last week of April 2020. The theme for the poster was titled ‘Psychological, Socio-Economic and Health Effect Of Covid-19 Pandemic’.

V. Visits:

The Department of Chemistry & Zoology, Shivaji College, jointly organised a **Virtual Tour** of “CSIR LABS” on April 21, 2021.

The seven CSIR Laboratories covered were:

- i. CSIR- Indian institute of chemical technology (IICT), Hyderabad
- ii. CSIR-National Chemical Laboratory (NCL), Pune
- iii. CSIR-National Physical Laboratory (NPL), Delhi
- iv. CSIR-National Institute of Oceanography (NIO), Goa
- v. CSIR-Institute of Microbial Technology (IMTECH), Chandigarh
- vi. CSIR-Central Building Research Institute (CBRI, IIT-Roorkee)
- vii. CSIR-Indian Institute of Toxicology Research (IITR), Lucknow

Department of Zoology also organised the online Industry visits to:

- i. Central Sericultural Research and Training Institute (CSRTI) on October 3, 2020
- ii. Smithsonian & San Diego Zoo on September 9, 2020 & February 14, 2021
- iii. National Bee Board on February 26, 2021
- iv. Monterey Bay Aquarium and Aquarium of the Pacific on March 20, 2021
- v. Smithsonian Natural History Museum on March 31, 2021

27. TEDx

The third edition of **TEDx Shivaji College** was planned for April 6, 2021 on the theme “Press Play”, a call for action symbolizing courage, hope and faith. The theme revolves around breaking the shackles of self-doubt and inactivity by setting one’s life in motion. The event was aimed at

bringing together people from every discipline and culture who believe in the power of ideas to change attitudes, lives and ultimately, the world.

The panel of reputable speakers included spearheads of modern times like **Smriti Nagpal**, a **social entrepreneur** known for her start-up “Atulyakala” and a café called “hearken Café” highlight of both being that they are managed by hearing impaired people. Listed in BBC’s ‘100 women’ and ‘30 under 30’, she is also the recipient of numerous prestigious accolades.

Aditya Arora, CEO of FAAD Network Pvt. Ltd. He became a CEO at a young age of 19 and started ‘The Education Yatra Campaign’ which aims to provide underprivileged children the right to education. His resilience won him, among many other accolades, the REX Paramveer Chakra and he was also nominated for the Padma Shree 2020.

Isha Yadav, with her brainchild ‘**Delhi Art Slam**’, **redefined slam culture in 2017**. She is working on an online expository drive which goes by the name of ‘Museum of Rape Threats & Sexism’ that seeks to shed light on the deep rooted and pernicious attitudes of perpetrators. She also collaborated with ‘The Education Tree’ to generate awareness about mental illness.

Lokesh Verma is an **internationally acclaimed ink artist** who is well known for the coloured portrait style tattoo and sound-wave tattoos. He is the founder of India’s only international tattoo festival- the Heartwork Tattoo festival. He also holds a Guinness World Record for inking 199; the highest number of flags to be tattooed on the human body.

Sujata Sahu is an ardent **educator** who single handedly put forward the foundation stone in the most strenuous conditions in Ladakh for **17000 ft, a Non-Government Organisation** that provides opportunities for growth by providing books and playgrounds to schools. She has been awarded the 2015 Nari Shakti Puraskar.

Heena Gambhir is a **journalist with Times Network** and has a career spanning over thirteen years in journalism. She is a special correspondent with specialization in Finance, Aviation, Government Policy, Energy Sector and Environment related issues.

28. WEBSITE COMMITTEE

The Website Committee looks into upgradation of the College website www.shivajiCollege.ac.in in keeping with latest technological requirements. All notifications, activities, events and data updates are carried out through the website. The various sections and tabs carry all information and processes, academic, cultural or financial, related to the College and it is designed to be easily accessible to students, staff and guests. The committee also enabled the launch of SPACE, an online digital platform and revamped the website this academic year to address the needs arising from the unprecedented pandemic situation.

Events organised in 2020-21:

- i. On November 1, 2020, Website Committee conducted the **Online Demo** of SPACE for all faculty members.
- ii. Website Committee launched SPACE or *Shivaji Platform for Academic Connect and Empowerment*, on October 30, 2020 during the Inaugural **Webinar** of the Diamond

Jubilee Celebration. SPACE is a state-of-the-art ERP system, an initiative of the Website Committee of Shivaji College.

- iii. Website Committee coordinated for the upgradation and revamping of the College website. Several new features were added and the design and layout was created according to contemporary digital requirements of the Covid19 era.
- iv. Several sections were updated such as Contact us, Google map, site map, Events and Notices tabs have all relevant and updated info, email addresses, phone numbers, glimpses of the entire website in one place and facility for submitting queries. Faculty can and students can log into SPACE for all their details directly from the website and can see their mentors, e-content, timetable, Internal Assessment and Grievances.
- v. The Home page of the website has been meticulously designed and updated to provide adequate information to the visitor about the various details/facilities/activities about the College
- vi. Dynamic features were introduced. In SPACE, authorised users can upload the details of any upcoming event which directly gets published on the website as “Active Event” without dependence on any technical staff. The convener can upload a poster, brochure, registration form related to the event. The finance department gets information about payments received and the payer gets a digital confirmation
- vii. The latest technology was used in the upgradation; MVC PHP framework, HTML 5, CSS, JS, Java Restful web services for some of the modules, HTTPS secure layer. NGINX web server, Database MySql
- viii. The website is Mobile responsive, compatible with all desktop, laptop and mobile and has been tested with Chrome, Firefox, Mozilla, Edge and Safari.

29. WOMEN’S DEVELOPMENT CELL (WDC)

Women’s Development Cell organises seminars, workshops relating to women’s development to create a world free of gender discrimination, sensitise students towards gender parity, inculcate within them the awareness of women’s empowerment and encourage participation of NGOs working in the area of women’s development in the activities of the cell.

It makes significant efforts throughout the year to promote awareness of gender equality and women’s issues by organising national /international conferences, seminars, interactive sessions, debates, self-defence workshops and street plays. It creates social awareness about the problems of women and in particular regarding gender discrimination and develops the self-confidence of Women. It emphasises on Women Welfare Laws to assert the importance of spiritual, economic, social, racial and gender equality sexual harassment and to promote general well-being of female students, teaching and non-teaching women staff of the college.

The cell plays an important role in voicing opinions on important matters that affect the daily life of women. It provides a platform where students can comfortably participate and share their views and actively promote gender parity.

Events organised in 2020-21:

- i. An **Outreach Program** on International Women's Day Celebration 2021 in collaboration with "Youth For Seva" NGO in Khyala, Subhash Nagar for the local community on March 09, 2021.
- ii. **Webinar** on 'Be your own Lakshmi' on Financial wellness in collaboration with Beartsy on February 27, 2021.
- iii. **Webinar** on Women's Health and Awareness in collaboration with *Youth for Seva* on February 4-5, 2021.
- iv. **Webinar** on Issues of Mental Health & Strengthening the Mind and Empowering the Woman sponsored by National Commission for Women (NCW) on January 15, 2021.
- v. WDC Orientation Programme: #BECOME A CHANGEMAKER for the Freshers (Academic Session 2020-21 on January 4, 2021.
- vi. **Webinar** on Let's Talk, Period! on November 12, 2020
- vii. A **Workshop** on "Responding to Domestic violence" in association with Global Shapers Community on November 7, 2020.
- viii. **Webinar** on Stress Management in the times of Covid-19 Pandemic: Interaction with Dr. Rajesh Nagpal (Director, Behavioural and Neurosciences Academy of India) on July 22, 2021.

VOTE OF THANKS

On this momentous occasion, I would like to thank Ms. Priyanka G (Chief Guest) for sparing time from her busy schedule and gracing this occasion. I would also like to thank our distinguished alumnus Prof. R K Seth who has made us proud through his achievements and graciously joined us on this wondrous morning.

I express my heartfelt gratitude to our Mr. Ajay Bhatia, Chairman, Governing Body, Mr. Rajiv Kohli, Treasurer and all other members of the governing body for their unwavering support and guidance. It is owing to them that the institution runs smoothly and efficiently.

I am indebted to the Government of Delhi and UGC for their support and cooperation in all matters pertaining to the College. I would like to sincerely thank Prof. P.C. Joshi, Vice-Chancellor, University of Delhi, as well as all other authorities for their constant support and assistance.

I also extend my gratitude to the teacher representatives Dr. A. K. Shukla and Dr. Vandana in the governing body for their constant support. I appreciate the active involvement and diligence of Dr. Darshan Pandey, President, Staff Association, Dr. Anita Kapur, Nodal Officer and other office bearers of the teaching and non-teaching staff. I would also like to thank Dr. Kumari Priyanka, College Bursar, Mr. Hemant Lamba, A.O (Administration), Mr. Parveen Kumar, A.O. (Accounts) and Dr. A. K. Shukla, PIO for their determined efforts towards the smooth administrative functioning of the College.

It indeed requires tremendous hard work and coordination to organise such a significant event in pandemic times. In this spirit, I appreciate the consistent efforts of Ms. Preeti Desodiya, Convenor, Annual Day in making this occasion a grand success. I also commend the efforts of the Committee members who have worked sincerely towards organising this event as well as in compiling the Annual Report.

I take this opportunity to thank my colleagues, both teaching and non-teaching, conveners and members of various committees/associations and teachers-in-charge of all the departments for their dedication and consistent efforts in standing with me in the darkest of times. Their enthusiasm and commitment have enabled the College to stand proud and tall in its Diamond Jubilee Year.

I also acknowledge the contribution of the alumni of our college. Their efforts have made a tremendous difference towards helping Shivaji College achieve milestones towards success. I would like to thank our beloved students, who have braved a global pandemic and continued to make their college proud with their wonderful achievements in all spheres, as well as their selfless contribution to society through their relief efforts for Covid 19.

Above all, the blessings of the Almighty have been with us and guided us through these adverse times. I thank you all for joining us today, being my constant support through a collective crisis and helping me overcome obstacles, in unity.

Jai Hind

July 27, 2021

New Delhi

Prof. Shiv Kumar Sahdev

Principal



Shivaji College
(NAAC Accredited "A" Grade)
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