

THE INSTITUTION

Shivaji College, a premier institute in West Delhi accredited with grade “A” by NAAC and **ranked among the top 10 Science colleges by the survey conducted by India Today in 2017**, takes pride in celebrating its 57th Annual Day on March 14, 2018. Nearly six decades ago in 1961, the college was founded by the renowned social activist and farmer-leader, the Hon’ble Dr. Panjab Rao Deshmukh, then Union Minister for Agriculture. Housed initially in a temporary building in the village Matiala, it was relocated to Karampura in 1967 under the aegis of the Delhi Government, and to the present premises in 1976.

Shivaji College has tremendously progressed since then under the flagship of the University of Delhi and presently offers 20 undergraduate and 3 post-graduate courses with the aim of an all round development of the students by providing academics *par excellence* grounded in theoretical foundations and hands-on experiences, and with opportunities to showcase the talent in a multitude of co-curricular activities. The College upkeeps the tradition of the Vision, Mission and Core Values for an Institute of Higher Learning and promotes ‘*Amritam tu Vidya*’ (Knowledge is eternal or a never ending process).

Vision

To attain excellence and aspires to become a premier institution of higher education

Mission

Holistic development of the students

Motto

‘Amritam tu Vidya’ (Knowledge is an eternal and never-ending process)

Hallmark

Quest for knowledge, freedom of expression and respect for culture

Core Values

- **Respect for Diversity:** cultural, geographic and economic backgrounds; also catering to students from neighboring countries
- **Promoting Equality:** cross-cultural and international as *Shivajians*
- **Catering to First generation learners:** many students have parents with no academic background
- **Creating an optimal Environment:** for academic excellence, creativity and innovation
- **Building a Relationship:** for teaching-learning outcomes and unlocking potential
- **Developing a culture of Collaboration:** for positive impact of the College on community

Priorities & Direction

This encompasses a three-pronged strategic approach comprising:

- **Quality:** Striving for excellent results
- **Efficiency:** Ensuring efficiency and sustainability of the College
- **Growth:** Developing enterprise and innovation

Benefits through the advancement of Education

- High-quality teaching
- Tackling social exclusion
- Good Placement outcomes
- Supportive student systems
- Links with employers and industry

Special Features

Environment Consciousness: The campus is environmentally friendly as it is vehicle less, smoke-free and utilizes solar energy. The college was awarded “**Green Campus Award**” by Women’s Agency for Generating Employment for its tireless efforts in this direction.

Good Practices: These include vermi-composting, rainwater harvesting and maintaining a herbal garden.

Eco Club: Paper Recycling Unit

The Entrepreneurship Development Cell: Imparting skills and motivation to students as Job Creators

Gender Sensitive: The College champions the social issue on gender awareness and sensitization for erasing gender bias and inequality. Dr. Shashi Nijhawan, the dynamic and learned College Principal, was awarded the ‘**Girl Centric Tertiary Education and Training Award**’ by **Women’s Agency for Generating Employment** on the occasion of the International Women’s Day this year on March 8, 2018.

Women Empowerment: A milestone in the history of the institution is the establishment of “**Jijabai Achievers’ Awards**” through which Shivaji College felicitates citizens who have worked tirelessly, with a sense of determination and perseverance, for women empowerment.

Coffee Table Book: Released each year to reflect the extraordinary life journey of ordinary individuals who promote gender equality.

Ambience at the Campus

The hygienic, environment–friendly campus, with spacious and ventilated classrooms and corridors, a well-stocked library, a large auditorium with state-of-the-art acoustics, well-maintained laboratories for all science courses and a vast sports ground, has set a high benchmark in terms of excellence and achievements in various fields. *Shivajians* uphold their legacy of excellence by bringing laurels to the college and obtaining top positions in various co-curricular and extracurricular activities conducted at international and national levels.

Art and Culture: The college extends a platform and assistance for students to hone their skills in manifold ways, through debate, music and dance, fashion and theatre, photography or fine arts.

National Cadet Corps: Boys and Girls: The college grooms students in service to the nation by training them in several areas of defense and to be disciplined and patriotic.

National Service Scheme: It creates awareness of social inequalities and inadequacies and works actively to redress these issues.

Enactus: The college has a chapter of Enactus India and works actively towards resolving socio-economic challenges of communities through social entrepreneurship.

Spade: It is a society for practical application for the development of economics to identify and locate solutions for socio- economic problems.

Leaders of Tomorrow: It is a youth movement for social change aimed at creating extraordinary leaders of tomorrow.

Insurance: Every student of the college has life and accident insurance up to Rs. Two Lakhs.

Health: All students in the college can avail of comprehensive health facilities provided through a medical card.

CHIEF GUEST



Shri Amolak Rattan Kohli

Former Governor of the Indian State of Mizoram
Government of India

The Hon'ble Chief Guest, Sh. Amolak Rattan Kohli, who was the Governor of the Indian state of Mizoram from May, 2001 to July, 2006, had his school education and graduation (B.Sc.) from Amritsar, Punjab and has a Masters (M.Sc. Chem.) from Kurukshetra University. He is an alumnus of the Indian Institute of Management, Kolkata, as a graduate of the first MBA batch. Over the years, he has trained more than 800 Civil Service aspirants. He has designed and conducted training programmes for top management administrators, managers and trade union leaders. He was the Chairman and Managing Director of Rehabilitation Industries Corporation Ltd., Calcutta (a Govt of India Enterprise) from 1980-85. He was also a Chief Advisor to Industries Office of Finland Ltd. He was the Advisor (Development) to Chief Minister of Mizoram in the rank of Minister of State during 1987-88.

Shri Kohli has served the country by preparing Human Resource for achieving excellence and by working extensively for Rural and Tribal Development. He has strengthened the existing systems and developed strategies to evolve new systems with minimum changes.

GUEST OF HONOUR



MS. ANNA ROY
Adviser (DM&A, Industry), NITI Aayog,
Government of India

Ms. Anna Roy, is currently serving as an adviser (DM&A, Industry), Niti Aayog, Government of India. She is a post graduate in Economics from Delhi School of Economics, University of Delhi. She started her career as a lecturer of Economics in University of Delhi during 1988 to 1990. She joined the Indian Economic Service in 1992 and was a Research Officer in the Planning Commission, Transport Division in 1993 as well as Project Management Unit, Department of Economic Affairs, Ministry of Finance from 1993 to 1996.

Ms. Roy has held various positions like Deputy Director, Joint Director, Director in Department of Economic Affairs, Ministry of Finance and also Ministry of Civil Aviation during the period from 1996 to 2012. She was Officer on Special Duty to the Finance Minister from February-July 2009.

DISTINGUISHED ALUMNUS



SHRI KULDEEP SINGH BHARDWAJ

Ambassador of India to Algeria, IFS (Retd.)

Shri Kuldeep Singh Bhardwaj, is a former Ambassador of India to Algeria. Shri Bhardwaj was born in Ludhiana district of Punjab. He passed out from Shivaji College, University of Delhi in the year 1973. He did his MSc in Plant Breeding and then diploma in French from Institut Prive' de Touraine, Tours, France. He joined the Ministry of External Affairs in September 1983 and served as Second Secretary at Embassy of India, Paris from September 1984 to December 1986. He worked as Deputy Secretary Finance and Deputy Chief of Protocol, Ministry of External Affairs from July 1991 to August 1994. He has held important positions in Indian embassy in various countries including Conakry, Bangkok, Cairo, Kuala Lumpur and London. He was appointed as Joint Secretary Projects at Ministry of External Affairs, India from May 2007 to May 2010.

PRINCIPAL'S REPORT

I extend a warm welcome to our Hon'ble Chief Guest, Sh. Amolak Rattan Kohli, former Governor of the Indian State of Mizoram, Government of India; our Guest of Honour, Ms. Anna Roy, Adviser (DM&A, Industry), NITI Aayog, Government of India; and our Distinguished Alumnus Guest, Ambassador Sh. Kuldeep Singh Bhardwaj, IFS (Retd.) to the 57th Annual Day celebration of Shivaji College. I also welcome all the eminent guests, esteemed alumni and parents.

Shivaji College, accredited with grade "A" by NAAC, is a co-educational constituent college of the University of Delhi with 3893 students consisting of 17 departments offering 26 undergraduate courses and 3 postgraduate courses. The faculty comprises 204 teaching and 112 non-teaching members.

In the academic session of 2017-18, Shivaji College has achieved various milestones during its journey to success. With the objective of clean, green and pollution free campus, the College maintains a **vehicle and smoke free campus**, with a **paper recycling unit**, practices **rainwater harvesting** techniques, carries out **vermicomposting**, and also maintains a **herbal garden** with plants of medicinal value. The College has **solar power panels (SPP)** on the rooftop for the production of green energy and making the campus self-sufficient in power generation and reducing carbon footprint.

Shivaji College launched "**The Entrepreneurship Development Cell**" in the year 2017 with the aim of equipping the students with the required skills and motivation to become **Job Creators rather than Job Seekers**. The cell has collaborated with the Eco Club of the College and brought the **Paper Recycling Unit** to a new life. This collaboration not only gives hands-on-training to students to handle a production process, but also inculcates a sense of team spirit and responsibility to meet targets.

Shivaji College instituted the **Jijabai Achievers' Award** in 2009, and every year, individuals who have worked at grass-root level in changing the lives of women are felicitated. It is the only such award of its kind in the University of Delhi. **Jijabai Achievers' Awards 2018** were awarded to five individuals who had worked to make a significant difference in the lives of women. The College has a proactive **Women's Development Cell (WDC)** which aims at creating social awareness and sensitization towards gender equality. This year, WDC collaborated with **UN Women, Breakthrough, Alliance India, Safe city and She The People TV** for organizing various awareness programmes throughout the year. Every year, Shivaji College releases a coffee table book, which reflects extraordinary life journey of ordinary individuals who promote gender equality. This year coffee table book "**The Change Makers**" highlights the life journey of nine exceptional women with iconic visions. They had endured adversity, fought misfortune, restructured themselves and transformed the core of the society for good. WDC also organised a performance by, **Nari Gunjan musical band**, this year to showcase the efforts of Dalit females from Bihar. This is a one of its kind, an all women dalit band which has fought against all odds in their male dominated village.

The College has an active **National Service Scheme** and **National Cadet Corps** wings of boys and girls to inculcate the values of patriotism and responsible citizenship. Equal Opportunity Cell (EOC) of Shivaji College is especially designed to cater to the needs and grievances of students with disabilities and to reaffirm the college's belief in inclusivity. The college also has a vibrant **Cultural Committee** which provides a platform for the students to showcase their

talents in extra curricular fields.

The quality of education provided by a college depends on the expertise of both the teaching as well as the non-teaching staff. In order to build academic leadership, the faculty members are encouraged to update their skills by attending refresher and orientation courses, exchange programmes and workshops. The College organized several national conferences, seminars, lecture series and workshops to provide a platform for the teaching staff to interact and brainstorm with eminent personalities. The College also organized a workshop exclusively for non-teaching staff of the University of Delhi and its colleges. The College is very strict regarding maintenance of discipline in campus and has various committees like **Discipline Committee, Anti Ragging Committee** and **Committee against Sexual Harassment**. CCTV cameras are installed at strategic places in the College for continuous **electronic surveillance** of the students. Delhi Police also gives intensive support to aid the College in this purpose during all major functions and events. This year, not even a single ragging complaint was lodged.

The College has a spacious and well-equipped library consisting of 86,000 books. Around 1200 books were added in this session; and furthermore, the closing time of the library has also been extended from 5:30 p.m. to 7:00 p.m. to help the students in their academic pursuits. Shivaji College is committed towards delivering excellence in education. As a part of this commitment, it helps the academically weaker students of different subjects by organizing **remedial coaching classes**.

It gives me great pride to enlist the few activities carried out during this academic session 2017-18, and the accomplishments of the faculty and student members of Shivaji College.

DEPARTMENTAL ACTIVITIES

The various departments of the College have enthusiastically organized events like conferences, seminars, workshops, interactive sessions and inter- and intra- College competitions. Some major highlights of the year have been:

- **DEPARTMENT OF BIOCHEMISTRY**

- **Lecture Series**

- **Prof. Umesh Varshney** (MCBL, IISc, Bengaluru) on the topic “DNA structure and the Mechanism of its interaction with Proteins” on April 10, 2017.
- **Dr. Anil K Suri** (National Institute of Immunology) on “Better health for All: Can Fight the Cancer” on September 15, 2017.

- **Organized**

- **Programme on “Intellectual Property Rights”** in collaboration with DIPP-IPR CHAIR and Centre for Science Education and Communication (CSEC), University of Delhi on September 26, 2017.
- **Annual Academic Festival ‘Biochaperones 2K18’** on February 28, 2018. **Dr. Manu Anantapadma** (Texas Biomedical Research Institute, USA) gave a lecture on “Developing drugs to combat highly pathogenic viruses: lesson from anti Ebola virus drug development”.

- **Launched**

- The second edition of the Departmental Annual magazine “**Biokemi2018- The Essence of Life**” featuring scientific articles by teachers and students during the **Annual Departmental Festival ‘Biochaperones 2K18’** on February 28, 2018.

- **Educational Visit**

- National Brain Research Centre (NBRC) Manesar, Haryana on September 28, 2017

- **Departments of Sciences**

- **Organized**

- “3rd Lab Skill Training Workshop for Laboratory Attendants/Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

- **DEPARTMENT OF BUSINESS ECONOMICS**

- **Organized a series of Lectures**

- Ms. Sangeeta Madan (New Delhi Institute of Management) on the topic “How to Crack GD & PI?” on October 24, 2017.
- Mr. Dhishanshu (ICICI Direct) on “How to Analyze the Stock Market along with Stock Mind” on January 10, 2018.
- Mr. Gaurav Gupta (Endeavour Career) on the topic "Career Options after

Graduation" on January 23, 2018.

- Mr. Gaurav Gupta (Endeavour Career) on the topic "Think without Ink: Vedic Maths" on February 5, 2018.
- Ms. Sonia Dhir (Eminent Imperial Society) on “Cryptocurrencies” on February 26, 2018.

- **DEPARTMENT OF BOTANY**

- **Organized Lectures**

- **Prof. K.S. Rao** (Professor and Head, Department, Botany, University of Delhi) on the topic “Climate Change: Past, Present and Future Implications” on September 1, 2017.
 - **Prof. A.K. Tyagi** (Ex-Professor, Dept. of Plant Molecular Biology, University of Delhi, South Campus) on the topic “Milestones from Plant Science to Agricultural Biotechnology in India” on February 2, 2018.

- **Annual Festival ‘FRAGRANCE’** on February 2, 2018.

- **Alumni Meet** on February 24, 2018.

- **DEPARTMENT OF CHEMISTRY**

- **Conducted**

- ‘CONTECH-2018’ (Concept Test in Chemistry) organized by ACT, c/o Homi Bhabha Centre for Science Education, Mumbai for the students of B.Sc. (H) Chemistry of Shivaji College on January 30, 2018.

- **DEPARTMENT OF COMMERCE**

- **Launched**

- Magazine ‘**Optimum**’ that includes thought-provoking articles contributed by its students on various business, economic and social issues and challenges

- **Organized Seminars/Lectures**

- **Mr. Kushal Bhateja**, CFA, FRM, and CFP, and the Finance faculty and Program Head at the International College of Financial Planning on "Career opportunities for Students" on September 22, 2017.
 - **Mr. Debasis Bhattacharya** (co-chairman of ICRSM) on the topic of "Corporate Social Responsibility" on January 16, 2018.

- **DEPARTMENT OF COMPUTER SCIENCE**

- **Organized**

- **Annual Technical Festival ‘Techelons’** on March 30-31, 2017.
 - **Lecture** by Mr. Anuj Agarwal, Chairman, Centre for Research on Cyber Crime and Cyber Law on ‘Cybercrime and Cyber Laws’ on March 30, 2017.

- **A Visit** to Rashtrapati Bhavan on September 8, 2017.
- **DEPARTMENT OF ECONOMICS**
 - **Organized Lectures**
 - **Mr. Kunal Tyagi** (Assistant Manager, SBU_EDU of National Stock Exchange of India Limited) on “Introduction to Financial Markets” on November 2, 2017.
 - **Prof. B.L. Pandit** (Former Head, Department of Economics, Delhi School of Economics) on “Pricing of Land as an Asset” on February 27, 2018.
- **DEPARTMENT OF ENGLISH**
 - **Organized Lectures**
 - **Prof. Makarand R. Paranjape** (Centre for English Studies, Jawaharlal Nehru University) on “Indo-Sino Relations: Social, Political and Cultural Ramifications” on October 10, 2017.
 - **Ms. Ruhee Neog**, Director, Institute of Peace and Conflict Studies, Chaired the session.
 - **Ms. Manju Kapur**, Writer and Former Associate Professor, DU, delivered the inaugural address at the “Creative Writing Workshop” held on October 14, 2017.
 - **Dr Anjana Neira Dev**, Associate Professor, Gargi College, conducted the workshop.
 - **Screened** the film *The Duchess of Malfi* on November 13, 2017.
 - Organized a **Heritage Walk** to Humayun’s Tomb and Lodhi Garden with a guided tour by Dr. Shama Mitra Chenoy, Associate Professor, History, on February 10, 2018.
 - **Alumni Meet** on February 24, 2018.
- **DEPARTMENT OF ENVIRONMENTAL SCIENCE**
 - **Organized**
 - **Practical Training** for Paper Recycling for students from different courses in making recycled paper in collaboration with Eco Club of Shivaji College.
 - **Field Visits**
 - For the students of B.A. (H) English and B.A.(H) Economics IInd semester to Indian Agricultural Research Institute, PUSA on February 2, 2018.
 - For the students of B.Sc. (H) Biochemistry and B.Sc. (H) Chemistry IInd semester to Okhla Bird Sanctuary, Noida, Uttar Pradesh on 5th and 13th February, 2018.
- **DEPARTMENT OF GEOGRAPHY**
 - **Organized a workshop** entitled “Indian Cultural Values and Sustainable Environment: Emerging Grassroot Activism in Environmental Management and Rural Development” on August 25, 2017.

- Long Excursion of B.A. (Hons.) Geography of IV semester students to Dui, Somnath and Ahmedabad from March 3-9, 2018
- Local Excursion of B.A. (Hons.) Geography students to Teliyar Lake, Rohtak on January 20, 2018.
- Local Excursion of B.A. (Hons.) Geography VI Sem students to Khurampur Village, Sonapat on January 18, 2018
- **DEPARTMENT OF HINDI**
 - **Organized**
 - **Academic excursion** tour to Kurukshetra on November 17, 2017
 - **Two-day Faculty Development Program** on the topic of “CBCS Pathyakram: adhyayan ke sandarbh evam paddhtiyan” on January 19-20, 2018. Eminent speakers like Prof. Ramesh Gautam, Prof. Sudhish Pachauri, Smt. Nasira Sharma, Prof. Bharat Singh, Prof. P.C Tondon, Prof. Ramesh Chandra Mishra, Prof. Sudha Singh, Prof. Satyaketu Sankrit, and Dr. Ajay Navriya shared their views with faculty members of different colleges.
 - **Lectures**
 - **Mr. Rahul Dev** (Senior Journalist) and **Mr. Prempal Sharma** (Retd. Joint Secretary, Indian Railway) on the topic: “Hindi ka Rashtriya aur Antarashtriya Pariprekshya : Sambhavnao ke dwar” on the occasion of World Hindi Day on January 10, 2018
 - **Mr. Prafull Ketkar** (Editor, Organizer) on "Swaraj ke pariprekshya me Swami Vivekanand ke vichar" on January 28, 2018
 - **Celebrated**
 - Hindi Diwas by the Cultural and Literary Society and organized Creative Writing and Debate competition on September 14, 2017.
 - Vishva Matribhasha Diwas Sahitya Sangam by the Cultural and Literary Society and organized Creative Writing and Debate competition on February 22, 2018.
- **DEPARTMENT OF HISTORY**
 - **Organized one-day** trip to the National Museum on November 7, 2017
 - **Alumni Meet** on February 24, 2018
 - **Annual festival ‘Itihas’** on February 22, 2018.
- **DEPARTMENT OF MATHEMATICS**
 - **Organized**
 - **A workshop** on “A Vedic Approach to Mathematical Sciences” on September 27, 2017.
 - **Seminars on:**

- Mathematics: Historic and Current Perspectives on November 10, 2017.
 - Mathematics and Statistics on March 12, 2018.
- **Annual Festival**, “Infinity” on February 19, 2018
- **Alumni Meet** on January 20, 2018.
- **One-day seminar** on “**Mathematics & Statistics**” on March 12, 2018. The speakers at the event were Dr. N. Shravan Kumar, IIT Delhi & Dr. Sudhir Kapoor, Department of Statistics, University of Delhi
- **DEPARTMENT OF PHYSICS**
 - **Organized Lecture Series**
 - Prof. Patrick Das Gupta (Department of Physics & Astrophysics, University of Delhi) on “Magic and Mystery of Quantum Mechanics” on February 12, 2018.
 - Prof. D. Gadre (Director Embedded Lab, NSIT) on “Physics through Embedded Systems” on February 12, 2018.
 - Prof. T. R. Seshadri, (Dean of Research, Department of Physics & Astrophysics, University of Delhi) on “Brief History of the Universe” on February 12, 2018
 - Prof. Ajoy K. Ghatak (IIT Delhi) on the topic “Evolution of Quantum Theory and Entanglement” on March 30, 2017.
 - Prof. M. R. Shenoy (IIT Delhi) on “Semiconductor Opto Electronic Devices: A Perspective” on October 27, 2017.
 - **Organized Workshop** “SPECTRUM-2018” on February 12, 2018.
 - **Annual Departmental Festival** “Invenio” on March 30-31, 2017.
- **DEPARTMENT OF POLITICAL SCIENCE**
 - **Organized Lectures**
 - **Dr. G. Kishore Babu** (Director, World Focus) and **Dr. Bhabani Dikshit** (Managing Director, World Focus) on the Topic: “India at 70: Yet Miles away from a Vibrant Democracy” on August 28, 2017.
 - **Mrs. Nikhil Mohan** (Counselor, Success Mantra) on the topic “Article 35A” on September 15, 2017.
 - **Organized a debate competition** on the topic: “India at 70: Yet Miles away from a Vibrant Democracy” on August 28, 2017.
 - **Celebrated The UN Day** and a debate competition was organized on the topic: “The UN General Assembly is nothing but a talking Shop” on October 24, 2017.
 - **Observed** ‘The Constitution Day’ or ‘Samvidhan Diwas’ to spread awareness among the students regarding the importance of the constitution. The Preamble to the

Constitution and Fundamental Duties were read out by the students on November 27, 2017

- **DEPARTMENT OF PHYSICAL EDUCATION**

- **Organized**

- **Annual Sports Day** on February 21, 2018.
 - Kite Flying event to mark the Independence Day on August 14, 2017.
 - Inter Departmental Tournament to mark the National Sports Day on August 29, 2017.
 - Intra Mural Tournament to encourage physical fitness and sports for students from January 29- February 9, 2018

- **DEPARTMENT OF SANSKRIT**

- **Organized** Cultural Programme and Sanskrit Sammelan, in association with Shree Hanuman Sanskrit Mahavidyalay, Raghubir Nagar, Delhi on February 11, 2018.

- **DEPARTMENT OF ZOOLOGY**

- **Organized**

- **One day Symposium** “Oyster 2018” on the theme of ‘Developmental Biology’.
 - **Lecture** by **Prof. Shweta Saran**, School of Life Sciences, JNU, New Delhi on “Learning developmental biology through experiments” on February 9, 2018
 - **Verve 2017**, an inter-college, Life Science Society academic festival which included talks by eminent speakers, **Prof. Pramod.C. Rath**, School of Life Sciences, JNU, New Delhi on "Enriching and Empowering through Education" & **Prof. Rita Kakkar**, Department of Chemistry, University of Delhi on “ Role Of Nanoparticles” along with students competitive events on April 7, 2017

EXTRA-CURRICULAR ACTIVITIES

The various committees/societies of Shivaji College work tirelessly throughout the year and have organized various activities and events.

- An **Orientation Programme** was organized on July 20, 2017 to orient the fresher students about the systems and functioning of the college and to motivate them to make the best use of their undergraduate period. Students and their guardians were present in a sizeable number and the programme culminated with music and dance performances.
- In celebration of Indian Classical Music and Dance, the college in collaboration with **SPIC MACAY** organised performances by **Pandit Rajan & Sajan Mishra**, who sang Khayal gayaki and **Vidushi Sharon Lowen** who performed Oddisi nritya on September 25, 2017.
- The Annual Cultural Festival of the College **VIBRATIONS 2018**, from February 15-16, 2018. Students from many institutions participated enthusiastically in various competitive events organized by the seven societies. The finale of the festival showcased a grand performance by the famous Bollywood artist, **Shahid Mallya**.
- The Eco club celebrated **World Ozone Day** on September 15, 2017. The event was highlighted by a talk on “**Stratospheric and Ground-level Ozone**” by an eminent speaker from Central Pollution Control Board followed by screening of documentary on “Ozone layer and its story” and various students competitive events.
- An **Orientation Program** was organized by Entrepreneurship Development Cell on August 17, 2017 which had interactive and motivating sessions by **Dr. S Lakshmi Devi**, Director, Centre for Entrepreneurship and Career Oriented Programs, University of Delhi and **Professor S. K. Palhan**, founder Director, Great Lakes Institute of Management and Advisor, Indus Quality Foundation. The Cell also organized an **Entrepreneurial Summit** on January 11-12, 2018.
- Enactus Shivaji organized its Diwali Mela 2017 “**SWASTIK**” on the October 13, 2017. Enactus Shivaji also initiated a book collection drive and successfully distributed the books collected from the faculty members and students to 'Hope Foundation' (Dilshad Garden) and 'The Bal Seva Orphanage' (Uttam Nagar).
- The Equal Opportunity Cell of Shivaji College organized its one-day open Annual Fest, ‘**EFFERVESCENCE**’ on January 24, 2018 with great fervor. The Keynote Speaker for the occasion was **Santosh Kumar Rungta**, Senior Lawyer, Supreme Court of India and Disability Activist, who spoke on the topic, “Career Options for Students with Disability”.
- Leaders for Tomorrow (LFT) unit of Shivaji College, organized a plantation drive -**ADAPT (Adopt a plant)** in College campus on October 16, 2017. The volunteers planted more than 50 saplings. A Collection Drive was held from October 30 to November 11, 2017 to collect clothes, books etc. **Visit for Compassion** were organized on November 4, 2017 and November 14, 2017 to distribute donated material to underprivileged children staying at Rajouri Garden Ren Basera.
- A Blood Donation Camp was also organized by Leaders for Tomorrow (LFT) in collaboration with Lions Blood Bank on January 16, 2018. Almost 80 students voluntarily donated blood.

- Several Cleanliness Drives were organized in and around the college campus by NCC cadets, members of Leaders for Tomorrow and NSS.
- The NCC cadets also conducted a Traffic rules and Road Safety awareness drive on April 7, 2017 and a rally for water conservation on April 23, 2017.
- **Yoga day** was organized by NSS on the occasion of the 3rd International Yoga Day, on June 21, 2016.
- NSS Shivaji organized an Awareness campaign against use of plastic with a massive rally of around 200 students.
- A street play on the awareness of ill-effects of alcoholism was conducted by NSS-Shivaji College at Raghubir Nagar on September 18, 2017.
- NSS Shivaji participated in the campaign, **Rally for Rivers** in association with ISHA Foundation on September 24, 2017.
- **C.Y.O.W.B.- Carry Your Own Water Bottle** a rally was organized by the NSS Team of Shivaji College for the awareness about harmful effect that plastic has on our environment. The volunteers carried their own steel bottles to portray their service and role towards the environment. The rally started from the college went to main Rajouri market and back.
- On the account of National Voters Day, January 25, 2018, the NSS students and teachers took a pledge promising to be responsible voters and citizens of country.
- SPADE, the Socio-Economic Society of Shivaji College, organized a Policy Dialogue Session on October 26, 2017. The speaker for the session was **Mr. Barun Mitra**, Founder and Director, Liberty Institute who enlightened the audience on the topic “Economic Freedom and Liberalism”.
- SPADE organized its one-day festival, **ACE of SPADE** on February 20, 2018. The chief guest and the keynote speaker of the festival were Mr. Pranav Kumar, Head International Trade and Policy, Confederation of Indian Industry.
- Women's Development Cell in association with ‘**Safecity and She The People TV**’ organized a **Legal Round table** on August 24, 2017. The expert panel consisted of **Ms. Ritu Priya**, Program Manager with Hanns Siedel Foundation, **Ms. Bhani Rachel Bali**, creator and founder of KrantiKālī, a multi-platform gender innovation lab working for the gender revolution and **Mr. Manu Yadav**, Advocate, Supreme Court of India.
- Workshop entitled ‘**Gender and Media: From Margins to Mainstream**’ was organized by WDC on September 19, 2017, in collaboration with Breakthrough and Alliance India.
- WDC celebrated the **International Day for The Girl Child** on October 11, 2017 by organizing a diverse palette of events under ‘**Khwabeeda**’.
- WDC organized its annual **Gender Fair** on January 30-31, 2018 **in collaboration with UN Women** on the theme ‘**Redefining Womanhood- Inspire, Empower, Act!**’ The inaugural ceremony was graced by **Dr. Satya Pal Singh**, Hon’ble Minister of State, HRD (Higher Education), **Swati Maliwal** (Chair Person of Delhi Commission for Women) and **Sanya Seth** (Program Analyst, UN Women). The major highlight of the event was the felicitation of

Jijabai Achievers Awardees. The award ceremony was graced by dignitaries like **Smt. Smriti Zubin Irani** (Hon'ble Minister of Information and Broadcasting & Minister of Textiles, Government of India), **Ms. Kamla Bhasin**, South Asia Coordinator, **One Billion Rising**, **Smt. Nayana Sahasrabuddhe**, Vice President, **Bhartiya Stree Shakti**.

OUTREACH ACTIVITIES

- **PEHAL: EK PRAYAAS** is a "pehal" taken by our NSS volunteers devoting two hours daily for providing better quality education for underprivileged children of Raghbir Nagar (slum area). The children came to Shivaji College in two slots (morning and evening). The students came five days a week and were taught Science, Maths, English, Hindi, Social Science, G.K along with extracurricular activities. The intention of NSS is to enrich the experience of these underprivileged children and develop a spirit towards education.
- NSS organized a visit on January 23, 2018 to **Apna Ghar**, an abode for the homeless who have been abandoned by their families, the helpless and impoverished people, and the victims of depression. Inspired by the visit, two of our student volunteers helped a few more vagabonds find a home at **Apna Ghar**.

TEACHERS' ACCOMPLISHMENTS

- **Dr. Shashi Nijhawan**
 - “**Best Indian Educationist Award**” for contribution towards welfare of people by Friendship Forum on November 17, 2017.
 - “**Bharat Excellence Award**” by Friendship Forum on November 17, 2017.
 - “**National Skill Resources Development Award**” by National Community College for Skill Development, Women's Agency for Generating Employment, Confederation of Indian Universities and National Institute of Cleanliness and Research on October 3, 2017
 - “**Leadership Award for Excellence**” towards contribution in Education Development & Excellence in Education at the Education Conclave & Excellence Awards 2017
 - “**Lifetime Achievement Award**” by Women's Agency for Generating Employment
 - ‘**Environmental Education Promotion Award**’ by National Institute of Cleanliness and Research’ (NICER)
 - ‘**Girl Centric Tertiary Education and Training Award**’ by Women's Agency for Generating Employment on March 8, 2018.
- **Dr. Darshan Malik**
 - “**Bharat Vikas Award 2017**”: Towards working on ‘Bioremediation’ by Institute of Reliance at Bhubaneswar on November 19, 2017.

- **Dr. Reetika Rana**

- Awarded **Academic Fellowship financed by Dutch Ministry of Foreign Affairs** for a study programme on “Food Security in Urbanizing World” (September 4-15, 2017) at the Wageningen Centre for Development Innovation, The Netherlands.

- **Dr. Jyoti Sharma**

- Completed a term as **Visiting Professor** in Switzerland University in June 2017.
- Awarded "**Sahitya Sarita Samman**" during the 7th International Conference at Amrita Shergill Kala Kendra, Embassy of India, Budapest, Hungary by the Ambassador Mr. Rahul Chabra for International contribution in the field of language, literature and history of South Asia on June 7, 2017.
- "**Samaj Sewa Ratn Award 2018**" by Vijay Raj Welfare Society.

- **Ms. Khurshid Khan**

- **Scholarship in Indian Sufism** and for creative activities to cultivate peace among all people in India by The Islamic Studies Association, New Delhi, on January 27, 2017.

- **Dr. Rajinder Singh**

- **Successfully completed NCC Training Course at OTA, Kamptee (Nagpur) and got commissioned as Lieutenant.**
- **Awarded with Director General's Baton and Gold Medal in Senior Division for overall excellent performance during the course.**

- **Ms. Sonali Garg**

- Awarded for “**Best Research Paper**” for her work “*Premashram* as History: Postcolonial Perspectives on the Indian Peasant” at the National Conference on Postcolonialism: Indian Response and Transformation at Amity Law School, Noida, on August 22-23, 2017.

- **Dr. Deepika Yadav**

- **Certificate of Excellence** for the Poster Presentation on “Syndrome X: A Peril to Human Health” during Global Cardio Diabetes Conclave Chennai 2017 held from September 29 to October 1, 2017.
- **Second Best Poster** presentation on ‘Prevalence and Correlates of Infertility Among Young Population’, in National Symposium and Awareness program on “Lifestyle and Reproductive Health Challenges” organized by Daulat Ram College, University of Delhi on March 29, 2017.

- **Ms. Preetika Dhawan**

- Awarded **Gold Medal** from Mrs. Mridula Sinha, Hon'ble Governor of Goa on April 13, 2017.

- Awarded Dr. K. S. Krishnan Gold Medal at Annual Convocation – 2017, University of Delhi on November 18, 2017 solicited by Hon'ble President of India, Mr. Ram Nath Kovind.
- **Dr. V. A. Pratyusha**
 - **Best Poster Award** for the work entitled “Altered Ras Dynamics and Actin Polymerization: A Fluorescence Correlation Spectroscopy (FCS) Study of A Sterol-Deficient Hyperfilamentous GPI Mutant of *Candida albicans*” in Indian Biophysical Society Annual meeting in IISER Mohali, India, March 23-25, 2017.

The following faculty members have published books during 2017-18:

- **Dr. Rashmi Wardhan:**

Wardhan, R. & Mudgal, P. (2018). Text Book of Membrane Biology. Springer Nature Pvt. Ltd. Singapore [ISBN 978-981-10-7101-0]
- **Dr. Varun Gulati:**

Gulati, V. (2017) *Literary Critters*. New Delhi, Delhi: Authorspess. [ISBN: 978-9386722928]

Gulati, V. & Dalal, G. (2017). *Multicultural and Marginalized Voices of Postcolonial Literature*. Lanham, USA: Lexington Books. [ISBN: 978-1498547444]

Gulati, V. & Dalal, G. (2018). *Innovations and Trends in English Language Teaching*. Lanham, USA: Lexington Books [ISBN: 978-1498552813].
- **Dr. Ruchira Dhingra:**

Dhingra, R. ‘Bhartiya Kavyashastra’. (2017). Mansarovar Prakashan [ISBN:978-93- 83745-34- 0]
- **Dr. Vikas Sharma**

“Vartalap tatha Devnagri Lipi” (2017). Natraj Prakashan [ISBN No. 978-93-86113-72-6]

‘Karyalayi Hindi’ (2018). Natraj Prakashan [ISBN No. 978-93-86113-84-9] complete list of authors???
- **Dr. Jyoti Sharma has edited**

“Bhartiya Kavyashastra”. Akshar publication and distributor, Delhi [ISBN- 9789385600166]
- **Dr. Kanchan** has co-authored :

Vartalap tatha Devnagri Lipi” (2017). Natraj Prakashan [ISBN No. 978-93-86113-72-6]
- **Dr. Parveen Bhardwaj**

Bhardwaj, P. & Pratima. Rachnatmak Lekhan Natraj Prakashan, Delhi [ISBN978-93-86113-87-0]
- **Dr. Tarun** has edited the following book:

“Hindi Aloचना: Path aur Vishleshan”. (2018). Natraj Prakashan, Delhi [ISBN: 978-93-86113-88-7]

- **Dr. Kalpana Sharma** has authored/co-authored the following books:
“Taisi Sab Kau Ki Haoy” (2017) Saad Publications, Delhi [ISBN:978-93-80633-45-9]
“Vartalap Tatha Devnagari Lipi” (2017) Shri Natraj Publications, Delhi [ISBN:978-93-86113-73-3]
“Karyalayi Patrachar Ke Vividh Prakar” (2017) pg. 96-132 Shri Natraj Publications, Delhi [ISBN:978-93-86113-84-9]
- **Ms. Khurshid Khan** has published a review of the book:
Khan, K. (2018) of Jackson, P. “A Jesuit Among Sufis” in Salaam, Journal of Islamic Studies Association, 39(1):41-44
- **Dr. Amarjiva Lochan** has edited the following book:
Bhikkhunis and Buddhist World: Issues in Contemporary Society. (2017) Bangkok, [ISBN: 978-974-260-293-2]
- **Dr. Shama Mitra Chenoy** has published the following book:
Chenoy, S.M. (2018). Delhi in Transition, 1821 and Beyond Mirza Sangin Beg's *Sair-ul Manazil*, Oxford University Press [ISBN: 13: 978-0-19-947773-9]
- **Mr. Kamal Kumar** has co-edited the following book:
Jindal, N. & Kumar, K. 2018. *Global Politics: Issues and Perspectives*. New Delhi: SAGE.
- **Dr. Ritu Mishra** has published the following book:
Bhardwaj Shrautsutra (Agrayaneshti) (2017), published by Gyanbharti Publications, Delhi, [ISBN: 978-93-85538-23-0]

STUDENTS' ACHIEVEMENTS

S. NO.	NAME OF STUDENT	DEPARTMENT	ACHIEVEMENT
1.	Maneshwar Dixit	Biochemistry	Consolation prize in Innovation research project presentation in the "Lab to life: a symposium on translational science" organized by the Biochemical Society of Department of Biochemistry, Sri Venkateswara College on the topic Use of " <i>Nyctanthes arbor-tristis</i> " for medicinal treatment on February 15-16, 2018.
2.	Ayush Ganguli	Biochemistry	Consolation prize in Innovation research project presentation in the "Lab to life: a symposium on translational science" organized by the Biochemical Society of Department of Biochemistry, Sri Venkateswara College on the topic Use of " <i>Nyctanthes arbor-tristis</i> " for medicinal treatment on February 15-16, 2018.
3.	Rohit Soni	Biochemistry	Consolation prize in Innovation research project presentation in the "Lab to life: a symposium on translational science" organized by the Biochemical Society of Department of Biochemistry, Sri Venkateswara College on the topic Use of " <i>Nyctanthes arbor-tristis</i> " for medicinal treatment on February 15-16, 2018.
4.	Student team	Business Economics	Awarded Bronze in football & silver in basketball during the Annual Sports Day of the College.
5.	Student team	Business Economics	Awarded Prizes won at Roister, an Inter-College Sports festival organized by Aryabhata College, University of Delhi: <ul style="list-style-type: none"> • Gold in Kho-Kho, Table-Tennis and Team Building • Silver in Athletics (Overall) • Bronze in Girls Futsal • Silver in Chess • Silver in Cricket
6.	Naina Sharma	Computer Science	President, College Placement Cell of Shivaji College
7.	Alok Kumar	Computer Science	Member, College Cricket team. The team ranked 4 th in Inter College Tournament organized by Delhi University
8.	Aparna Chauhan	Computer Science	Senior Under Officer of Girl's NCC wing of Shivaji College, participated in NCC-Advanced leadership camp on September 7-18, 2017 at Malout Punjab
9.	Chinmay Joshi	Computer Science	Awarded second prize at Indian Choir Competition organized by AIIMS Pulse 2017 on September 20, 2017.

10.	Jatin Deswal	Computer Science	Member of Footloose-The Dance society of Shivaji College Secured 1 st prize at - MBS Dwarka , IIM Rohtak; 2 nd Prize at IIT Roorkee , IMT Ghaziabad, WSD Sonipat & Satywati college; 3 rd Prize at VIPS Pitampura , PIET Panipat, IIAD and consolation prizes at Mata Sundari, DRC, Miranda House, SGTB Khalsa College & Gargi College.
11.	Diksha Arora	Computer Science	Member of Footloose-The Dance society of Shivaji College Secured 1 st prize at - MBS Dwarka , IIM Rohtak; 2 nd Prize at IIT Roorkee , IMT Ghaziabad, WSD Sonipat & Satywati college; 3 rd Prize at VIPS Pitampura , PIET Panipat, IIAD and consolation prizes at Mata Sundari, DRC, Miranda House, SGTB Khalsa College & Gargi College.
12.	Manraj	Computer Science	Secured 1st position in Solo Singing Competition, Bharti College held on February 22, 2018 and 2nd prize in Solo Singing Competition at Zakir Husain College held on February 9, 2018
13.	Vaibhv Sharma	Computer Science	Member, Bizarre-The Fashion society of Shivaji College Secured 1 st prize at – LMNIT, Jaipur, AIIMS, Vivekanand college, University of Delhi; 2 nd Prize at NCU, Gurugram Won Best Male Model at Aurobindo College and Guru Gobind Singh College, University of Delhi. Won the title of Mr. Handsome hunk at Institute of Home Economics, University of Delhi
14.	Rohit Kumar Maurya	Economics	Awarded NCC ‘C’ Certificate completion in the year 2017-18. Secured 2 nd Position in Tug of war in ARSD College on February 14-15, 2018 Secured 3 rd position in Pareto 2018 in Budding and Bidding event held on February 27, 2018 Best Cadet Award in National Integration Camp held in Delhi in November, 2017 One of selected cadets among 500 cadets for Pre Republic Day Camp Awarded 2 nd position in Group Singing Competition for Delhi Directorate in National Integration Camp held in Delhi in November 2017
15.	Shivani Chauhan	Economics	Secured 3 rd prize in UDGAR, online poem and essay writing competition organised by the Economics Department of Shivaji College. Appointed as a core team member of Leaders For Tomorrow (LFT), Shivaji College. Appointed as Campus Manager of Shivaji College

			for Days with Development(DWD) fest of LFT. Selected as Campus Ambassador for Sportech, IIT Delhi.
16.	Nishtha Sethi	Economics	Secured 2 nd Prize in Rendezvous with Policy and Governance at IIT Delhi and a cash prize of Rs. 2000. Awarded, Certificate of Appreciation for successful completion of Java Boot Camp. Awarded, Certificate of Excellence for One Day Internship at Testbooks.com under BeCon, Business and Entrepreneurship Conclave, EDC IIT Delhi. Awarded, Certificate of Participation for Consilium Case Challenge conducted by the Finance and Economics Society of NSIT. (Cleared Preliminary round with over 50 participants)
17.	Pooja Madaan	Economics	Secured 2 nd position in Volleyball in College Sports Day Secured 3 rd position in Basketball in College Sports Day
18.	Prasiddhi Arora	Economics	Awarded, Best interjector-Gargi college Awarded, Best interjector-Hindu college
19.	Esha Garg	Economics	Cleared CT-1 September 2017 (Actuarial Science)
20.	Vrinda Gupta	Economics	Cleared CT-3 September 2017 (Actuarial Science)
21.	Yashita Kukreja	Economics	Cleared CT-1 (Actuarial Science)
22.	Mayank Sabharwal	Economics	ACET and CT-1 cleared
23.	Swati Sethee	Economics	Cleared CT-3 (Actuarial Science)
24.	Lisha Narula	Economics	Cleared CT-3 September 2017 (Actuarial Science)
25.	Akul Mehra	Economics	Cleared NCFM Module
26.	Nitish Budhiraja	Economics	Cleared NCFM Module
27.	Ms. Eshwarya Khanna	English	Awarded first prize in slam poetry competitions held at IIT, Delhi, and Shivaji College
28.	Ms. Mansi Draboo	English	Awarded third prize in slam poetry competitions held at Maharaja Agrasen College and Shivaji College.
29.	Mr. Sankalp	English	Awarded 1 st prize in dance competition held at MBS, Dwarka, and IIM, Rohtak; 2 nd prize at IIT, Roorkee, IMT Ghaziabad, WSD, Sonipat, and Satyawati College; 3 rd prize at VIPS, Pitampura, and PIET, Panipat.
30.	Ritika Soun	History	Affiliated to the National Museum's Winter Internship Program. It was a 6 weeks internship, commencing from December 15, 2017- January 22, 2018.
31.	Utkarsh Agarwal	History	Affiliated to the National Museum's Winter Internship Program. It was a 6 weeks internship, commencing from December 15, 2017- January 22, 2018.

32.	Harkirat Kaur	Physics	Secured 1 st position in National Graduate Physics Exam (NGPE) organized by All India Physics Teachers Association (AIPTT) in January 2018.
33.	Nakul Kumar	Physics	Secured 2 nd position in National Graduate Physics Exam (NGPE) organized by All India Physics Teachers Association (AIPTT) in January 2018.

***Achievement of students in Cultural Events: Table will be forwarded by Dr. Shama Mitra Chenoy**

Achievement of students in the field of Sports:

S. NO.	NAME OF STUDENT	GAME	POSITION	NAME OF TOURNAMENT
1.	Puneet Hooda, B.A. (H) English 3rd Year	Football	1 st	Haryana State Football Championship Organised By A.I.F.F.
2.	Harsh Bisla, B. A. Prog. 1st Yr	Football	Participant	Haryana State Football Championship Organised By A.I.F.F.
3.	Harsh Bisla, B. A. Prog. 1st Yr	Football	1 st	District Football Tournament Organised By Haryana Football Association
4.	Mohit Ballara B. A. Prog. 1st Yr	Wrestling	Participant	Senior National
5.	Mohit Ballara B. A. Prog. 1st Yr	Wrestling	Participant	All India Inter University
6.	Mohit Ballara B. A. Prog. 1st Yr	Wrestling	1 st	Inter College Tournamnent Organised By Delhi University Sports Council
7.	Yogesh Dagar, M.A. Hindi 1st Year	Wrestling	Participant	All India Inter University
8.	Yogesh Dagar, M.A. Hindi 1st Year	Wrestling	1 st	Inter College Tournamnent Organised By Delhi University Sports Council
9.	Rishabh Upadhyay, B.A. Eng. Hons. 2nd Year	Body building	2 nd	Inter College Tournamnent Organised By Delhi University Sports Council.
10.	Mukulit Bhatt, B.A(H)Hindi, 2nd Year	Cricket	Participant	All India Inter University
11.	Prashant Vashisht, B.A.(P), 2nd Year	Cricket	Participant	Vino Mankad Trophy(U-19) & Cooch Behar Trophy, (U-19)
12.	Abhimanyu Singh Tanwar, B.A. Prog. 1st Yr	Cricket	Participant	Vino Mankad Trophy (U-19)
13.	Abhimanyu Singh Tanwar, B.A. Prog. 1st Yr	Cricket	Participant	Cooch Behar Trophy, (U-19)
14.	Nitish Hooda	Cricket	Participant	Cooch Behar Trophy, (U-19)
15.	Shekhar Sehrawat	Cricket	Participant	Cooch Behar Trophy, (U-19)

ANNUAL REPORT 2017-18

The academic session 2017-18 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:

STUDENT STRENGTH

Student Strength 2017-18 (Ist, IInd & IIIrd Year)												
COURSE	MALE						FEMALE					
	GEN	SC	ST	OBC	PH	TOTAL	GEN	SC	ST	OBC	PH	TOTAL
Science (UG)	368	141	40	274	4	827	401	78	16	106	0	601
Commerce (UG)	189	74	12	131	6	412	138	15	2	48	2	205
Humanities (UG)	521	189	69	324	29	1132	444	72	11	74	2	603
PG	49	10	6	26	2	93	13	3	1	2	1	20
Total	1127	414	127	755	41	2464	996	168	30	230	5	1429

STAFF STRENGTH

Teaching:

Permanent – 106	Adhoc – 98
a. Male – 44	a. Male – 44
b. Female – 62	b. Female - 54

Non-Teaching:

Non-Teaching (Permanent)	Non-Teaching (Contract)	Sulabh Workers	Gardeners	Security Guards
Male – 81 Female – 11 Total = 92	Male – 19 Female – 01 Total = 20	11 + 1 (Supervisor)	Permanent – 1 Outsourcing Staff – 6	Permanent – 4 Outsourcing Staff – 10 + 1 (Supervisor)

RETIRED TEACHERS:

List of Teaching Staff retired during 2017-18:

Dr. Indra Chaudhary, Department of Zoology

Dr. Promila Mathur, Department of Chemistry

Dr. R.K. Vasishtha, Department of Sanskrit

TEACHERS WHO AVAILED LEAVE DURING 2017-18:

Study Leave

Ms. Bharti, Department of Physics

Ms. Gunjan Kumari, Department of English

Child Care Leave

Dr. Aparna Jain, Department of Mathematics

Ms. Mamta, Department of Physics

Ms. Mamta Dutt, Department of Economics

Dr. Misha Yadav, Department of Botany

Dr. Mridula Budhraj, Department of Mathematics

Dr. Pratima Rani Sardar, Department of Botany

Dr. Renu Baweja, Department of Biochemistry

Dr. Smita Tripathi, Department of Botany

Dr. Sunita Gupta, Department of Zoology

Dr. Sunita Singh, Department of Biochemistry

Dr. Vandana Katoch, Department of Chemistry

Extraordinary Leave

Dr. Babita Gupta, Department of Mathematics

Unauthorized Leave

Dr. Manju Balhara, Department of Botany

STUDENT'S UNION

The following students were elected to the Students' Union for the Year 2017-18

President	:	Tarun
Vice President	:	Piyush Rana
Secretary	:	Lakshay
Joint Secretary	:	Mohit
Central Councillors	:	Ashish Panwar and Rahul Pandit

RESULTS 2017**Result of Science, Commerce and Humanities 2017**

Course	Year	Student Appeared	1st Div.	2nd Div.	3rd Div.	Passed	ER/ Promoted	Failed
Science (Under Graduate)	Ist Year (CBCS)	486	320	67	21	408	10	68
	IInd Year (CBCS)	462	335	47	7	389	9	64
	IIIrd Year (3Yr. Course)	447	380	41	4	425	22	0
Commerce (Under Graduate)	Ist Year (CBCS)	182	110	40	3	153	4	25
	IInd Year (CBCS)	180	138	17	2	157	1	22
	IIIrd Year (3Yr. Course)	155	119	20	3	142	13	0
Humanities (Under Graduate)	Ist Year (CBCS)	558	352	113	13	478	8	72
	IInd Year (CBCS)	614	303	152	20	475	14	125
	IIIrd Year (3Yr. Course)	635	352	197	43	592	43	0
Post Graduate	Prev. Year	54	10	23	0	33	6	15
	Final Year	37	15	14	0	29	0	8

List of students who received Best Student's Award in the year 2017-18:

S. No.	Stream	Course	Name of Student
1.	Science		
2.	Maths, Commerce & BBE		
3.	Humanities		

List of Students receiving the following prestigious scholarships**(Result of University Examination -May-June, 2017)**

S. No	Scholarship Name	Term and Condition	Student Name	Course	College Roll No.	Result-2017
1.	Mrs. Kusum Vasal Memorial Award	Gold medal awarded every year to the topper student of B.Sc. (H) Physics IIIrd year.	Roopesh Jain S/o- Rajendra Kumar	B.Sc. (H) Physics	41027	Ist
2.						
3.						
4.						
5.	Dr. Usha Aggarwal Trust	B.Com Prog. IInd & IIIrd year student who secures the highest % of marks, being above 70% in B.Com (Prog.) Ist & IInd yr. Result	Deepak Singh Chauhan S/o- Balam Singh Chauhan	B.Com (Prog.) IInd year	16/50002	Ist
			Prerna Goel D/o- Lalit Mohan Goel	B.Com (Prog.) IIIrd year	15/91075	Ist
6.	Ms. Sonali Garg	Best student of B.A. (Prog.) Ist yr.	Lavanya	B.A. (Prog.) IIIrd Year	14/11188	Ist

7.	Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)	B.Com (H) IIIrd Year student who secures the second highest % of marks, being above 70% in the college in B.Com (H) IInd Year.	Garima D/o- Vivek Taneja	B. Com (Hons.) IIIrd Year	15/92089	IInd
8.	Sultan Chand Dropadi Devi Education foundation (Dr. Miss Usha Aggarwal)	Student who 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/-	Shikha Shukla D/o- Dinesh Shukla	B. Com (Hons.) IInd Year	16/51044	Ist (Result Nov. Dec. -2016)
9.	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.	Anshita Dhingra D/o- Subhash Dhingra	B. Com (Hons.) IInd Year	16/51108	Ist Result (May-June 2017)
10.	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.	Aastha Gupta D/o- Sanjay Gupta	B.Com (Hons.) IIIrd Year	15/92004	Ist
			Perna Jain D/o- Sanjay Jain	B.Com (Hons.) IIIrd Year	15/92097	Ist
11.	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	Kamal Preet Kaur D/o- Gurprit Singh	B.Sc. (H) Zoology	44035	Ist
			Diksha Mehta D/o- Louv Mehta	B.Sc. (H) Zoology	44011	IInd

		penultimate year of their degree course, ratio of 2/3rd and 1/3rd respectively).				
12.	Dr. Sarvesh Kumar Dubey Cash Prize	Student who secured the first highest percentage of marks in all the papers in the college in M.A. Hindi Final Year Exam	Krishnanand S/o Mahendra Pratap Singh	M. A. Hindi Final	15/01966	Ist

List of topper students in the year 2017:

S. No.	Roll No.	Course	Name of Student	Father's Name	Marks
1	16/17110	B.Sc.(H) Mathematics 1st Year	Ningthoujam Illish	Ningthoujam SushilKumar Singh	9.41/10
2	15/83007	B.Sc.(H) Mathematics 2nd Year	Hridesht Kumar	Lajpat Singh	9.68/10
3	15/83097	B.Sc.(H) Mathematics 2nd Year	Priya Goya	Aaditya Goya	9.68/10
4	14/83143	B.Sc.(H) Mathematics 3rd Year	Shammi	Devdutt	2393/2600
5	16/51044	B.Com.(Hons.) 1st Year	Shikha Shukla	Dinesh Shukla	8.64/10
6	16/51064	B.Com.(Hons.) 1st Year	Muskan Mittal	Manoj Mittal	8.64/10
7	15/92004	B.Com.(Hons.) 2nd Year	Aastha Gupta	Sanjay Gupta	9.50/10
8	15/92097	B.Com.(Hons.) 2nd Year	Perna Jain	Sanjay Jain	9.50/10
9	14/92083	B.Com.(Hons.) 3rd Year	Rahul	Bhem Sen	2336/2700
10	16/50002	B.Com. (Prog.) 1st Year	Deepak Singh Chauhan	Balram Singh Chauhan	8.18/10
11	15/91075	B.Com. (Prog.) 2nd Year	Perna Goel	Lalit Mohan Goel	8.27/10
12	14/91015	B.Com. (Prog.) 3rd Year	Sakshi Chhabra	Navinder	2207/2500
13	16/22006	B.Sc.(H) Zoology 1st Year	Prachya Rai	Krishna Nand Rai	8.82/10

14	15/44055	B.Sc.(H) Zoology 2nd Year	Amita Dwivedi	U.K. Dwivedi	9/10
15	44035	B.Sc.(H) Zoology 3rd Year	Kamalpreet Kaur	Gurprit Singh	2978/3500
16	16/02033	B.Sc.(H) Botany 1st Year	Ipsita Halder	Jayanta Halder	8.73/10
17	43036	B.Sc.(H) Botany 2nd Year	Pragya Sharma	Nbhrigu Raj	9.04/10
18	43043	B.Sc.(H) Botany 3rd Year	Palak Sharda	Ravi Kant Sharda	3235/3500
19	16/06030	B.Sc.(H) Bio-Chemistry 1st Year	Ayush Kumar	A.K. Ganguli	9/10
20	81002	B.Sc.(H) Bio-Chemistry 2nd Year	Aakanksha	Mangiesh Kumar	9.04/10
21	81009	B.Sc.(H) Bio-Chemistry 2nd Year	Sheetal	Rajesh Bhardwaj	9.04/10
22	81025	B.Sc.(H) Bio-Chemistry 3rd Year	Srishti Sharma	R.C. Sharma	2962/3500
23	16/19028	B.Sc.(H) Physics 1st Year	Harshita Sharma	Hemant Chandra	9.18/10
24	41062	B.Sc.(H) Physics 2nd Year	Pooja	Sher Singh Garhwal	9.54/10
25	41027	B.Sc.(H) Physics 3rd Year	Roopesh Jain	Rajendra Kumar	3298/3600
26	16/10023	B.Sc.(H) Chemistry 1st Year	Manikant	Niranjan Lal	9.18/10
27	42067	B.Sc.(H) Chemistry 2nd Year	Parul	Azad Singh	9.46/10
28	42032	B.Sc.(H) Chemistry 3rd Year	Yashika Agg.	Pradeep Kumar	3035/3450
29	16/63005	B.Sc.(H) Phy. Sci. with Comp. Sci. 1st Year	Rajat Kumar	Krishan Kumar	8.27/10
30	65028	B.Sc.(H) Phy. Sci. with Comp. Sci. 2nd Year	Anshu	Subhash Chander	8.32/10
31	65029	B.Sc.(H) Phy. Sci. with Comp. Sci. 3rd Year	Leena	Dilbagh Bhardwaj	2849/3250
32	16/23074	B.Sc. Life Science 1st Year	Priya Garg	Rajnish Garg	8.91/10
33	62014	B.Sc. Life Science 2nd Year	Manisha Gupta	Chhatar Pal Gupta	8.91/10
34	62005	B.Sc. Life Science 3rd Year	Sahil Dhingra	Lalit Dhingra	3051/3500
35	13/65058	B.Tech. Comp. Sci. 4th Year	Akash Bhatt	Rakesh Kumar Bhatt	4086/4600
36	16/2051	B.A.(H) Business Economics 1st Year	Nikhil Keswani	Sunil Keswani	8.64/10
37	15/2037	B.A.(H) Business Economics 2nd Year	Shubham Bindal	Subhash Bindal	8.11/10

38	14/2090	B.A.(H) Business Economics 3rd Year	Tripti Grover	Anil Grover	1995/2400
39	16/40003	B.A.(H) Pol. Science 1st Year	Shivani Bisht	Jaspal Singh	8.14/10
40	15/24010	B.A.(H) Pol. Science 2nd Year	Pratibha Poonia	Bhoop Singh	8.39/10
41	14/24071	B.A.(H) Pol. Science 3rd Year	Kamlesh Kumar	Suresh Thakur	1688/2400
42	16/35005	B.A.(H) History 1st Year	Manoj Kumar Kushwaha	Giriraj Singh	7.36/10
43	15/23005	B.A.(H) History 2nd Year	Ritika Soun	Lt. Govind Singh Soun	7.5/10
44	14/23015	B.A.(H) History 3rd Year	Akash Singh	Amit Prakash Singh	1442/2200
45	16/28038	B.A.(H) Economics 1st Year	Bhavika Arora	Girish Arora	8.64/10
46	15/21004	B.A.(H) Economics 2nd Year	Rashika Sehgal	Rajesh Sehgal	8.46/10
47	15/21011	B.A.(H) Economics 2nd Year	Simran Ashra	Naresh Ashra	8.46/10
48	14/21041	B.A.(H) Economics 3rd Year	Shivani Badola	Sushil Chander Badola	1995/2500
49	16/33025	B.A.(H) Hindi 1st Year	Prithvi Kumar	Satnarayan Saha	8.27/10
50	15/13025	B.A.(H) Hindi 2nd Year	Saurabh Tripathi	Dinesh Tripathi	7.75/10
51	14/13006	B.A.(H) Hindi 3rd Year	Pooja Kumari	Atam Dev Pandey	1541/2000
52	16/31003	B.A.(H) Geography 1st Year	Saaranish Bhardwaj	Suresh Bhardwaj	8.14/10
53	16/31004	B.A.(H) Geography 1st Year	Prince Tanwar	Ranjit Singh	8.14/10
54	15/22049	B.A.(H) Geography 2nd Year	Shiwangi	Rajeev Ranjan Khan	8.29/10
55	14/22006	B.A.(H) Geography 3rd Year	Nilakshi Pathak	Manik Chandra Pathak	2297/2800
56	16/49065	B.A.(Prog.) 1st Year	Rohin Kumar	Jaipal Singh	7.95/10
57	15/11055	B.A.(Prog.) 2nd Year	Kuldeep Sharma	Rambabu Sharma	8.14/10
58	14/11076	B.A.(Prog.) 3rd Year	Khushboo Saini	Ajay Saini	1829/2400
59	16/43029	B.A.(H) Sanskrit 1st Year	Kamal Kumar Sharma	Vinod Kumar	7/10
60	15/14029	B.A.(H) Sanskrit 2nd Year	Jagmohan Kumar	Ramesh Jha	8.18/10
61	14/14043	B.A.(H) Sanskrit 3rd Year	Seema	Satish Kumar	1684/2200

62	16/29032	B.A.(H) English 1st Year	Aanchal Sharma	Ashish Sharma	7.91/10
63	15/12137	B.A.(H) English 2nd Year	Anjali Kumari	Shailesh Kr. Singh	6.96/10
64	14/12041	B.A.(H) English 3rd Year	Namrata Gupta	Pradeep Kumar	1476/2200
65	16/62012	B.Sc. Physical Science with Chemistry 1st Year	Gaurav Mishra	Surya Narayan Mishra	8.14/10
66	15/61035	B.Sc. Physical Science with Chemistry 2nd Year	Kavita Mehra	Hayat Singh Mehra	7.5/10
67	15/61046	B.Sc. Physical Science with Chemistry 2nd Year	Chhama Sharma	Ravi Dutt Sharma	7.5/10
68	14/61003	B.Sc. Physical Science with Chemistry 3rd Year	Ankit Saroha	Bijender Singh	2859/3250
69	16/01959	M.A. Hindi Previous Year	Manoj Kr. Singh	Kesar Bux Singh	512/800
70	15/01966	M.A. Hindi Final Year	Krishnanand	Mahendra Pratap Singh	1017/1600
71	16/01868	M.A. Political Science Previous Year	Romy Ahuja	Rosie Ahuja	484/800
72	15/01851	M.A. Political Science Final Year	Prashant Kumar	Maheshwar Pd Singh	937/1600
73	16/01004	M.A. Sanskrit Previous Year	Nimesh Kr Singh	Ram Charitra Singh	565/800
74	15/01012	M.A. Sanskrit Final Year	Satyam	Madhu Sudan Sharma	1221/1600

Projects Undertaken by Faculty Members

MAJOR PROJECT:

- ‘Design and Analysis of sensitive characteristics on successive occasions and their applications MRP No. [EMR/2016/000455]’ funded by SERB, New Delhi [19.08 lacs]; Project Investigator: Dr Kumari Priyanka
- ‘Indigenous Ecological Knowledge for Soil, Water and Nutrient Conservation in Sikkim Himalaya’ funded by ICSSR [6 lacs]; Project Investigator: Dr. Prabuddh Kumar Mishra

MINOR PROJECTS:

- ‘Studies on Mercury Contamination of Surface and Ground Waters in and around Delhi and its Bioremediation MRP No. [ROMRP- NRCB-ENVI-2015-2016-38705]’ funded by University Grants Commission [4.25 lacs]; Project Investigator: Dr. Vijay Kumar

Non -Teaching Faculty Achievements

S.No .	Name of Employee	Designation	Name of Program	Organizer	Duration	
					From	To
1	Mr. Santosh Kumar Shaw	Assistant	Workshop on 'Goods & Service Tax'	ISTM, Admin. Block, JNU Campus (Old), New Delhi- 110067	08.01.2018	09.01.2018
2	Mr. Parveen Kumar	Section Officer, Accounts	Workshop on 'Office Procedures, Conduct Rules, E- Procurement and Government e- Marketplace (GeM)'	Kamala Nehru College, August Kranti Marg, New Delhi- 110049	20.12.2017	21.12.2017
	Mr. Hemant Lamba	Section Officer, Admin.				
	Mr. Ratan Deep	Senior Technical Assistant				
	Mr. Tarun	Assistant				
3	Mr. Parveen Kumar	Section Officer, Accounts	Workshop on 'Goods & Service Tax'	ISTM, Admin. Block, JNU Campus (Old), New Delhi- 110067	11.12.2017	12.12.2017
4	Mr. Parveen Kumar	Section Officer, Accounts	CPPP- eProcurement Training (GePNIC) Material at Google Drive	Bhaskaracharya College of Applied Sciences, Sector-2, Phase- I, Dwarka, New Delhi-110075	07.11.2017	08.11.2017
5	Mr. Hemant Lamba	Section Officer, Admin.				
6	Mr. Pradeep Sharma	Assistant				
7	Mr. Ratan Deep	Senior Technical Assistant				
8	Mr. Bhupender Singh	Professional Assistant, Library				
9	Mr. Ratan Deep	Senior Technical Assistant	Workshop on Forensic Examination of Documents	Acharya Narendra Dev College, Govindpuri, Kalkaji, New Delhi-110019	16.06.2017	16.06.2017
10	Mr. Rajesh Kumar	Assistant				

Eminent Dignitaries who visited the College in year 2017-2018

S.No.	Name	Designation	Affiliation	Department
1.	Smt. Smriti Zubin Irani	Hon'ble Minister Government of India	Minister of Information and Broadcasting & Minister of Textiles, Government of India	WDC
2.	Dr. Satya Pal Singh	Hon'ble Minister of State	HRD (Higher Education)	WDC
3.	Swati Maliwal	Chair Person of	Delhi Commission for Women	WDC
4.	Sanya Seth	Program Analyst	UN Women	WDC
5.	Ms. Kamla Bhasin	South Asia Coordinator,	One Billion Rising	WDC
6.	Smt. Nayana Sahasrabuddhe	Vice President	Bhartiya Stree Shakti	WDC
7.	Ms. Ritu Priya	Program Manager	Hanns Siedel Foundation	WDC
8.	Ms. Bhani Rachel Bali	Creator and founder of	Kranti Kāl	WDC
9.	Mr. Manu Yadav	Advocate	Supreme Court of India	WDC
10.	Mr. Pranav Kumar	Head	International Trade and Policy, Confederation of Indian Industry	SPADE
11.	Mr. Barun Mitra	Founder and Director	Liberty Institute	SPADE
12.	Mr. Santosh Kumar Rungta	Senior Lawyer	Supreme Court of India and Disability Activist	Equal Opportunity Cell
13.	Dr. S Lakshmi Devi	Director	Centre for Entrepreneurship and Career Oriented Programs, University of Delhi	Entrepreneur Cell
14.	Professor S. K. Palhan	Founder and Director	Great Lakes Institute of Management and Advisor, Indus Quality Foundation.	Entrepreneur Cell
15.	Pandit Rajan & Sajan Mishra	Khayal gayak		Spic Macay
16.	Vidushi Sharon Lowen	Oddisi fankar		Spic Macay
17.	Dr. Manu Anantapadma	Staff Scientist	Texas Biomedical Research Institute	Biochemistry

18.	Prof. K.S. Rao	Professor	Professor and Head of Department, Botany, University of Delhi	Botany
19.	Prof. A.K. Tyagi	Professor	Ex Professor, Dept. of Plant Molecular Biology, University of Delhi, South Campus	Botany
20.	Mr. Debasis Bhattacharya	Co-chairman	ICRSM	Commerce
21.	Mr. Kushal Bhateja	CFA, FRM, and CFP, Finance faculty and Program Head	International College of Financial Planning	Commerce
22.	Mr. Anuj Agarwal	Chairman	Centre for Research on Cyber Crime and Cyber Law	Computer Science
23.	Prof. B.L. Pandit	Former Head	Department of Economics, Delhi School of Economics	Economics
24.	Prof. Makarand Paranjape	Professor	Centre for English Studies, Jawaharlal Nehru University	English
25.	Ms. Ruhee Neog	Director	Institute of Peace and Conflict Studies	English
26.	Ms. Manju Kapur	Writer	Delhi University	English
27.	Prof. N. C. Gupta	Professor	GGSIIP University, Delhi.	Geography
28.	Dr. Balram Pani	Principal	Bhaskaracharya College, University of Delhi	Geography
29.	Prof. Kaushal K. Sharma	Professor	CSRSD, JNU	Geography
30.	Pro. Ramesh Gautam	Former Director ILL	DU	Hindi
31.	Pro. Sudhish Pachauri	Former Pro VC	DU	Hindi
32.	Pro. Bharat Singh	PROFESSOR	KHS	Hindi
33.	Pro. P.C Tondon	PROFESSOR	DU	Hindi
34.	Pro. Ramesh Chandra Mishra	PROFESSOR	DU	Hindi
35.	Pro. Satyaketu Sankrit	PROFESSOR	Ambedkar University	Hindi
36.	Nasira Sharma	Eminent Writer	Sahitya Academi Awardee	Hindi

37.	Pro. Sudha Singh	PROFESSOR	DU	Hindi
38.	Mr. Rahul Dev	Senior Journalist	Parliamentary committee	Hindi
39.	Mr. Prempal Sharma	Former Joint Secretary	Indian Railway	Hindi
40.	Mr. Prafull Ketkar	Editor	ORGANISER	Hindi
41.	Dr. Ajay Navariya	Associate Professor	JMI	Hindi
42.	Prof (Dr) V. Ravichandra	Professor & Head	Department of Mathematics University of Delhi, Delhi-11007	Mathematics
43.	Dr Anju Gupta	Director	NCWEB University of Delhi, Delhi-110 007	Mathematics
44.	Dr. Aparna Mehra	Professor	IIT DELHI	Mathematics
45.	Mr. Maruti J.K Sharma	Director	Jagat Kyoso Management and Science Foundation	Mathematics
46.	Dr. N. Shravan Kumar	Assistant Professor	Dept. of Mathematics, IIT Delhi	Mathematics
47.	Dr. Sudhir Kapoor	Associate Professor	Dept. of Statistics, Hindu College (Univ. of Delhi)	Mathematics
48.	Prof Patrick Das Gupta	Professor	Department of Physics & Astrophysics, University of Delhi	Physics
49.	Prof. D. Gadre	Director Embedded Lab	NSIT, New Delhi	Physics
50.	Prof. T. R. Seshadri	Dean of Research	Department of Physics & Astrophysics, University of Delhi	Physics
51.	Prof M. R. Shenoy	Professor	IIT Delhi	Physics
52.	Prof Ajoy K. Ghatak	Retd. Professor	IIT Delhi	Physics
53.	Sh. M.S. Tyagi	General Secretary	Kho-Kho Federation of India, New Delhi	Physical Education
54.	Padmashree Awardee Prof. R. N. K. Bamzai	Professor	School of Life Sciences, JNU, New Delhi	Zoology
55.	Dr. Swati	Assistant Professor	School of Life Sciences, JNU, New Delhi	Zoology
56.	Prof. Pramod C Rath	Professor	School of Life Sciences, JNU, New Delhi	Zoology

57.	Prof. Rita Kakkar	Professor	University of delhi	Zoology
58.	Prof. Shweta Saran	Professor	School of Life Sciences, JNU, New Delhi	Zoology
59.	Dr. Sharandeep Singh	Scientist D	Central Pollution Control Board	Eco Club
60.	Prof. Prateik Chaudhary	Professor	Department of Music, University of Delhi	Cultural Committee
61.	Janab Yousuf Khan Nizami	Sufi Singer		Cultural Committee

FACULTY ACHIEVEMENTS

DEPARTMENT OF BIOCHEMISTRY

Department of Biochemistry, Shivaji College, University of Delhi is actively involved in teaching the latest biological advances as well as carrying out various research projects. The department boasts of a number of latest scientific instruments and facilities, exposing the students to top notch research and preparing them for a bright research career ahead. The students of the department qualify top institutes.

The Department organized the following events:

○ Lecture Series

- **Prof. Umesh Varshney** (MCBL, IISc, Bengaluru) on the topic “DNA structure and the Mechanism of its interaction with Proteins” on April 10, 2017.
- **Dr. Anil K. Suri** (National Institute of Immunology) on “Better health for All: Can Fight the Cancer” on September 15, 2017.

○ Organized

- **Programme on “Intellectual Property Rights”** in collaboration with DIPP-IPR CHAIR and Centre for Science Education and Communication (CSEC), University of Delhi on September 26, 2017.
- **Annual Departmental Festival on ‘Biochaperones 2K18’** on February 28, 2018. **Dr. Manu Anantapadma** (Texas Biomedical Research Institute, USA) gave a lecture on “Developing drugs to combat highly pathogenic viruses: lesson from anti Ebola virus drug development”.
- “3rd Lab Skill Training Workshop for Laboratory Attendants/Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

○ Launched

- The second edition of the Departmental Annual magazine “**Biokemi2018- The Essence of Life**” featuring scientific articles by teachers and students during the **Annual Departmental Festival ‘Biochaperones 2K18’** on February 28, 2018.

○ Educational Visit

- National Brain Research Centre (NBRC) Manesar, Haryana on September 28, 2017

Dr. Shashi Nijhawan (Principal)

She has served as:

- Member, Academic Council, University of Delhi
- Chairperson, Session in INSCR International Conference (IIC-2017) on Role of Microbe-Plant-Animal Interaction in Human Health held from September 26 – 28, 2017 at University of Delhi
- Co-chair, Rain Water Harvesting Committee of University of Delhi

- Member, Proteomic Society of India
- Member, Indian Association of Science Congress
- Member, Editorial board of “Journal of Biotechnology and Crop Sciences”
- Member, Editorial board of Science Magazine “Biotech Express”
- Member, Interdisciplinary and Applied Science Courses Admission Committee of University of Delhi
- Member, Admission and Grievance Committee of University of Delhi
- Member, Committee to reexamine punishment given in Unfair Means Cases (UFM) in light of examination under CBCS, of University of Delhi
- Member, Business Advisory Committee of Academic Council, University of Delhi
- Organizing Secretary and Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants/Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10 -14, 2017 in Shivaji College, University of Delhi

She has participated in the following programme:

- Awareness Programme on Intellectual Property Rights organized in collaboration with DIPP-IPR CHAIR and Centre for Science Education and Communication (CSEC), University of Delhi on September 26, 2017.

She has received the following awards/honors:

- **“Best Indian Educationist Award”** for contribution towards welfare of people by Friendship Forum on November 17, 2017.
- **“Bharat Excellence Award”** by Friendship Forum on November 17, 2017.
- **“National Skill Resources Development Award”** by National Community College for Skill Development, Women’s Agency for Generating Employment, Confederation of Indian Universities and National Institute of Cleanliness and Research on October 3, 2017
- **“Leadership Award for Excellence”** towards contribution in Education Development & Excellence in Education at the Education Conclave & Excellence Awards 2017
- **“Lifetime Achievement Award”** by Women’s Agency for Generating Employment
- **“Green Campus Award”** by Women’s Agency for Generating Employment
- **‘Environmental Education Promotion Award’** by National Institute of Cleanliness and Research’ (NICER)
- **‘Girl Centric Tertiary Education and Training Award’** by Women’s Agency for Generating Employment on March 8, 2018

Dr. Neena Wadhera

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10 -14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programme:

- Awareness Programme on Intellectual Property Rights organized in collaboration with DIPP-IPR CHAIR and Centre for Science Education and Communication (CSEC), University of Delhi on September 26, 2017.

Dr. Rashmi Wardhan

She has served as:

- Member, Society for Biological Chemistry
- Member, Proteomic Society of India, Indian Association of Science Congress.
- Member, Indian Immunological Society
- Member, School Management Committee of Shardein school (Senior Secondary, affiliated CBSE) Muzaffarnagar, U.P.
- Resource person in the workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10 -14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programmes:

- Workshop on Zebra fish as animal model organized by the Department of Biochemistry and Zoology, Daulat Ram College, University of Delhi from March 15-17, 2017.
- Global R and D Summit 2017 with a thematic focus on Destination India: R and D and Innovations for Socio-Economics and Industrial Development from April 6-7, 2017 at the Lalit Ashok, Kumara Krupa High Grounds, Bengaluru organized by FICCI, India.
- Awareness Programme on ‘Intellectual Property Rights’ organized by Shivaji College in collaboration with DIPP IPR Chair & Centre for Science Education & Communication on September 26, 2017

She has published the following papers:

- **Wardhan, R. & Nain, L.** (2017). Milk Borne Pathogens: Isolation and Identification Health Risk to Population, Especially Young Ones. *International Journal of Applied and Physical Sciences*. 3(1):13-18.
- **Wardhan, R & V Prabhavati.** (2017). ‘L asparaginase an antitumor agent: Identification from various microorganisms. In Proceedings of 4th International Conference on Science and Arts of Holistic Health: Issues, Challenges, Opportunities, Prevention and Awareness, Holistic health 2017, organized by Krishi Sanskriti Publication and Dr. G C Mishra

education foundation on February 25, 2017 in Jawaharlal Nehru University, Delhi.

She has published the following book:

- **Wardhan, R. & Mudgal, P.** (2018). Text Book of Membrane Biology. Springer Nature Pvt. Ltd. Singapore [ISBN 978-981-10-7101-0]

Dr. Darshan Malik

She has served as:

- Co-supervisor of Ph.D Programme in USEM, GGS,IP University enrolment No. 01016391016.
- Member, Editorial Board of the “Journal of Biotechnology and Crop Sciences”
- Member, Society for Biological Chemistry
- Member, Proteomic Society of India, Indian Association of Science Congress.
- Counsellor, Society of Crop Scientists & Biotechnologists, BHU.
- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10 -14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programme:

- Awareness Programme on ‘Intellectual Property Rights’ organized by Shivaji College in collaboration with DIPP IPR Chair & Centre for Science Education & Communication on September 26, 2017

She has published the following papers:

- **Malik, D.**, Thakur, J., Dua, A. & Aggarwal, J. (2017). Estimation of blood glucose, serum calcium and Blood pressure on measures of risks of lifestyle disorders in young Adults. *International Journal of Biotechnology and Biomedical Science*. 2(3): 253-255
- **Malik, D.** & Srivastava, A. (2017). Molecular characterization of fluorescent bacteria antagonistic against Turicum leaf blight. *Journal of Biotechnology and Crop Science*. 6(8): 82-85
- **Malik, D.** (2017). Kinase inhibitors: Hope for cancer. *International Journal of Biotechnology and Biomedical Science*. 3(1): 39-42

She has presented the following paper:

- ‘Psychotherapy: Talking Therapy for Mental Illness’ in the International Conference entitled “Role of Arts, Culture, Humanities, Religion, Education, Ethics, Philosophy, Spirituality and Science for Holistic Societal Development” on March 19, 2017 at Jawaharlal Nehru University, Delhi.

She has been awarded the following honor:

- **Bharat Vikas Award 2017** For working on ‘Bioremediation’ by Institute of Reliance at Bhubaneswar on November 19, 2017.

Dr. Jayita Thakur

She has served as:

- Convener, BioChaperones 2018 (Annual festival, Department of Biochemistry) organized on February 28, 2018
- Editor-in-Chief, Departmental magazine 'Biokemi 2018'
- Member, Proteomic Society of India, Indian Association of Science Congress.
- Resource person, Workshop entitled "3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences" under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programmes:

- Awareness Programme on 'Intellectual Property Rights' organized by Shivaji College in collaboration with DIPP IPR Chair & Centre for Science Education & Communication on September 26, 2017

She has co-published the following paper:

- Malik, D., **Thakur, J.**, Dua, A., Aggarwal, J., (2017). Estimation of blood glucose, serum calcium and Blood pressure on measures of risks of lifestyle disorders in young Adults. *International Journal of Biotechnology and Biomedical Science*. 2(3). 253.

Dr. Renu Baweja

She has served as:

- Member, Proteomic Society of India, Indian Association of Science Congress.
- Resource Person, One-week National Para-teaching Staff Skill Enhancement Workshop (PTSSEW 2017) organized by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi from December 15-21, 2018.
- Resource person, Workshop entitled "3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences" under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programmes:

- Workshop on Zebra fish as animal model organized by the Department of Biochemistry and Zoology, Daulat Ram College, University of Delhi from March 15-17, 2017.
- Three-week Refresher Course in Summer School from CPDHE, University of Delhi from September 5– 26, 2017
- Awareness Programme on 'Intellectual Property Rights' organized by Shivaji College in collaboration with DIPP IPR Chair & Centre for Science Education & Communication on September 26, 2017

She has published/Co-published the following chapters:

- **Baweja, R.** (2017). Impact of diet on fertility. Book: Reproductive Health in India: Concern and Awareness. (Editors: Baweja V; Mishra R.) Enriched Publication Pvt. Ltd. [ISBN: 978-8-19346-343-7]
- Bhatt, G., Knanna, M., Pani, B. & **Baweja, R.** (2017). Awareness and sensitivity of mobile phone consumers on Electronic Wastes in Delhi-NCR region. Book: Sustainable smart cities in India: Challenges and Future Perspective. (Editors: Sharma P; Rajput S.) Springer. [ISBN: 978-3-319-47144-0]

Dr. Sunita Singh

She has served as:

- Member, Proteomic Society of India, Indian Association of Science Congress.
- Convener, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.
- Convener, Program on Intellectual Property Rights organized in collaboration with DIPP-IPR CHAIR and Centre for Science Education and Communication (CSEC), University of Delhi on September 26, 2017.

She has participated in the following programmes:

- Workshop on Zebra fish as animal model organized by the Department of Biochemistry and Zoology, Daulat Ram College, University of Delhi from March 15-17, 2017.

She has presented the following poster:

- “Cucurbitacin: The cause of the bitterness in cucumber” in Research–Based Pedagogical Tools Workshop organized by Indian Institute of Science Education and Research (IISER Pune) on December 13, 2017 at Indian Institute of Technology (IIT) Gandhinagar, Gujarat.

She has published the following paper:

- Singh, M., **Singh, S.**, Inamuddin & Asiri, A.M. (2017). IFT and friccohesity study of formulation, wetting, dewetting of liquid systems using oscosurvismeter. *Journal of Molecular liquids*. 244: 7-18

Dr. V. A. Pratyusha

She has been awarded:

- **Best Poster Award** for the work entitled “Altered Ras Dynamics and Actin Polymerization: A Fluorescence Correlation Spectroscopy (FCS) Study of A Sterol-Deficient Hyperfilamentous GPI Mutant of *Candida albicans*” in Indian Biophysical Society Annual meeting in IISER Mohali, India from March 23 -25, 2017

DEPARTMENT OF BUSINESS ECONOMICS

The Department of Business Economics continues to be highly successful in providing an all-round development and diverse experience to its students, both in terms of the composition of the faculty and in the academic orientation. Besides classroom teaching, the curriculum includes seminars and industrial visits to ensure effective learning and overall development of students. The department organized guest lectures by various academicians and corporate professionals as an effort to enlighten its students about various global affairs and imparting professional, leadership, and communication skills which contributed effectively in the overall personality development of the students and providing enriching experiences about various things that they should care about in the future.

The **Department of Business Economics** organized a series of lectures:

- Ms. Sangeeta Madan (New Delhi Institute of Management) on the topic “How to crack GD & PI?” on October 24, 2017.
- Mr. Dhishanshu (ICICI Direct) on “How to analyze the stock market?” along with stock mind on January 10, 2018.
- Mr. Gaurav Gupta (Endeavour Career) on the topic "Career Options after Graduation" on January 23, 2018.
- Mr. Gaurav Gupta (Endeavour Career) on the topic "Think without Ink: Vedic Maths" on February 5, 2018.
- Ms. Sonia Dhir (Eminent Imperial Society) on “Cryptocurrencies” on February 26, 2018.

Ms. Urvashi Sahitya

She has participated in:

- Five-day Entrepreneurship Educators Program: WF100 and WF101 organized by Bhagwan Parshuram Institute of Technology, New Delhi in association with Wadhvani foundation held from December 11 -15, 2017.
- National Conference on ‘Innovation India: Inclusive Growth, Technological Change and Job Creation’ organized by Department of Business Economics, University of Delhi on March 1, 2018.

She has published the following chapter:

- **Sahitya, U.** (2017). Recipe for success. *The Change Makers*, pp 38-43 Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]

Dr. Parul Behl

She has been awarded a Ph.D. degree in finance in the University of Delhi’s Annual Convocation 2017.

She has participated in the following programme:

- Three days National Level Faculty development program on Time Series Analysis

organized by Department of Commerce, Maitreyi College, University of Delhi held on November 27-29, 2017.

She has presented the following papers:

- ‘Analyst Recommendations and their corresponding impact on stock performance’, in the 10th Doctoral Thesis Conference organized by IBS Hyderabad on April 20-21, 2017.
- ‘Analyst Recommendations and their corresponding impact on stock performance’, at the 8th Conference on Excellence in research and education held at IIM Indore from May 4 - 7, 2017

She has published the following chapter:

- Behl, P. (2017). Freedom Galore. *The Change Makers*, pp 38-43, Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]

Ms. Priya Saxena

She has served as:

- Senior Editor, Coffee table book entitled: ‘*The Change Makers*’, Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]

DEPARTMENT OF BOTANY

Department of Botany comprises of highly competent faculty members who contribute and participate in the development of department as well as the whole college. They have successfully organized their academic annual festival, alumni meet and students’ trips. They have participated in numerous conferences, workshops, seminars and alike. Botany Department has proudly produced students of high calibre who are now in highly renowned institutes and universities of India.

Departmental activities organized during the year:

- **Organized Lectures**
 - **Prof. K.S. Rao** (Professor and Head, Department, Botany, University of Delhi) on the topic “Climate Change: Past, Present and Future Implications” on September 1, 2017.
 - **Prof. A.K. Tyagi** (Ex-Professor, Dept. of Plant Molecular Biology, University of Delhi, South Campus) on the topic “Milestones from Plant Science to Agricultural Biotechnology in India” on February 2, 2018.
- **Annual Festival ‘FRAGRANCE’** on February 2, 2018.
- **Alumni Meet** on February 24, 2018.

Dr. Anuradha Mal

She has served as:

- **Convener**, Student Advisory Committee, Shivaji College

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has published the following paper:

- Kant, N., Kulshrestha, P., Singh,R., **Mal,A.**, Kumar, S., Tehlan,M., Dwivedi,A., Mehra, R., Ahuja,R., Kaushik, S. &Ahmed,P. (2018). Prevalence of Brucellosis and awareness of its spread; *DU journal of Undergraduate Research and Innovations*. 3(1):43-49.

Dr. Anita Kapur

She has served as

- **Vice Principal** of Shivaji College.
- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Vijay Kumar

He has served as:

- **Member** of Committee of Courses and Studies for Hons, Post -graduate and Research Studies in Botany, University of Delhi for year 2017-2019
- **Resource Person** in One day National Seminar on Environmental Sustainability and Conservation: Issues and Challenges in 21st Century on November 15, 2017 at Satyawati College (E), University of Delhi.
- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10 -14, 2017 in Shivaji College, University of Delhi.

He has presented the following paper:

- "Vegetation Filter Strips - A Long-term Technological option in the Management of Air Pollution" in Workshop on Technologies for monitoring and abatement of air pollution, organized by MOEF & CC on February 13, 2018 at Ganga Auditorium, New Delhi.
- "An Integrated, Multidisciplinary and Multi institutional approach for the Management of Air Pollution in Delhi" in Networking Workshop with Academic and R&D Institutions, organized by MOEF & CC on February16, 2018 at Teesta Conference Hall, New Delhi.

Dr. Prabhavathi

She has served as

- **Convener**, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programme:

- National Seminar on ‘Identifying and avoiding publishing in Predatory journals: A lesson for researchers’ at Department of Botany, University of Delhi on March 18, 2017.
- ‘Awareness programme on Intellectual Property Rights’, at Shivaji College, University of Delhi on September 26, 2017.
- Workshop on ‘Bioinformatics Training Programme for college teachers’ at Sri Venkateshwara College on July 27-28, 2017.

She has published the following book chapters:

- Bamel, K. and **Prabhavathi, V.** (2017). Biological control Methods and Agents. In *Biofertilizers*. Kojo Press [ISBN. 978-81-927567-90]
- Talwar S., Bamel K. & **Prabhavathi V.** (2017). Mobile Phone: A new Environmental Threat. In *Environmental Concerns of 21st Century: Indian and Global Context*. Book Age Publications. [ISBN 978-93-83281-65-7]

Dr. Smita Tripathi

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has presented the following paper:

- ‘Effect of climate change and soil quality on crops’ in National Conference on Challenges and Strategies to improve Crop Productivity in changing Environment: An Integrated Approach held on January 12, 2018 at Zakir Hussain Delhi College, University of Delhi.

She has published the following book chapters:

- Bharti N., **Tripathi S.** & Mulley D. (2017). Mushroom: A Fungus with Great Medicinal Potential. (Ed.) *Scope of Phytochemically Unexplored Medicinal Plants*. Enriched Publications, New Delhi. [ISBN:978-1-63535-013-5]

Dr. Kiran Bamel

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programme:

- Refresher course in Winter School conducted by CPDHE, UGC- HRDC, University of Delhi from November 28 – December 19, 2017.

She has published the following book chapters:

- **Bamel K.** & Prabhavathi V (2017). Biological control Methods and Agents. In *Biofertilizers* Kojo Press. ISBN. 978-81-927567-90.
- Talwar S., **Bamel K.** and Prabhavathi V (2017) Mobile Phone: A new Environmental Threat. In *Environmental Concerns of 21st Century: Indian and Global Context*. Book Age Publications. [ISBN 978-93-83281-65-7]

Dr. Misha Yadav

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has presented the following paper:

- Effect of climate change and soil quality on crops’ in National Conference on Challenges and Strategies to improve Crop Productivity in changing Environment: An Integrated Approach held on January 12, 2018 at Zakir Hussain Delhi College, University of Delhi.

Dr. Seema Talwar

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has presented the following paper:

- ‘Antimicrobial activity of plant essential oils’ in National Conference on Challenges and Strategies to improve Crop Productivity in changing Environment: An Integrated Approach held on January 12, 2018 at Zakir Hussain Delhi College, University of Delhi.

She has published the following book chapter:

- **Talwar, S., Bamel, K.** and Prabhavathi, V. (2017). Mobile Phone: A new Environmental Threat. In *Environmental Concerns of 21st Century: Indian and Global Context*. Book Age Publications. [ISBN 978-93-83281-65-7]

Dr. Nupur Mondal

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has presented the following paper:

- ‘Antimicrobial activity of plant essential oils’ in National Conference on Challenges and

Strategies to improve Crop Productivity in changing Environment: An Integrated Approach held on January 12, 2018 at Zakir Hussain Delhi College, University of Delhi.

Dr. Divya Mohanty

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programme:

- National Conference on Challenges and Strategies to improve Crop Productivity in changing Environment: An Integrated Approach held on January 12, 2018 at Zakir Hussain Delhi College, University of Delhi.

She has published the following paper:

- Singh, V.K., Barman C, **Mohanty, D.** & Tandon, R. (2018). Relative contribution of reproductive attributes to the density- dependent effects on fruit set. *AoB Plants*. [Accepted]

Dr. Devender Singh Meena

She has participated in the following programme:

- All India Botanical Conference of ‘The Indian Botanical Society & National Symposium on Evaluation and Conservation of Plant Germplasm,’ organized by Punjabi University, Patiala on September 15-17, 2017.
- International Symposium on Plant Systematics: Priorities and Challenges, held at University of Delhi, from November 10 - 12, 2017.

DEPARTMENT OF CHEMISTRY

Chemistry is referred to as the “Central Science” because an understanding of materials at a molecular level underpins 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 extra-curricular activities.

The **Department of Chemistry** held ‘CONTECH-2018 (Concept Test in Chemistry)’ on January 30, 2018 organized by ACT, c/o Homi Bhabha Centre for Science Education, Mumbai for the students of B.Sc. (H) Chemistry of Shivaji College.

The **Department of Chemistry** was a part of organization team for “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along with other Science Departments from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Manjula Singh

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Anil Kr. Aggaarwal

He has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. P. K. Sahu

He has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Rajni Kanojia

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Mr. Mahendra Kr. Meena

He has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Bhaskar Mohan Kandpal

He has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Neena Khanna

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory

Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has published/co-published the following papers:

- Teena, Kumar, V., Shukla, I. C. & **Khanna, N.** (2017). Synthesis and Characterization of Cerium(IV) Arsenomolybdate Cationic Exchanger. *Asian Journal of Chemistry* 29(7): 1533-1537.
- Teena, Tomar, K. & **Khanna, N.** (2017). Study of new synthesized Cerium(IV) Iodoarsenate, An Inorganic Cation-Exchanger and its Applications. *International Journal of Scientific and Technical Advancement*. 3(1): 7-11.

Dr. N. G. Giri

He has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

He has participated in the following programme:

- International Symposium for ‘High-Performance Thin Layer Chromatography’ from July 4 -8, 2017 in Berlin, Germany.

He has co-published the following paper:

- Jaiswal, A. K., **Giri, N. G.**, Jaiswal, A. K., Samal, N., Sharma, P., Millo, T. & Gupta, S. K. (2017). Forensic applications of IR/FTIR. *Journal of Forensic Chemistry and Toxicology*. 3(1): 39-68.

Dr. Rahul Singhal

He has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.
- Convener, CONTECH-2018 (Concept Test in Chemistry) held on January 30, 2018 organized by ACT, c/o Homi Bhabha Centre for Science Education, Mumbai for the students of B.Sc. (H) Chemistry of Shivaji College.

Dr. Richa Arora

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.
- Resource person, Workshop on “Molecular Modelling” organized by ARSD College, University of Delhi on January 23, 2018.

- Convener, CONTECH-2018 (Concept Test in Chemistry) held on January 30, 2018 organized by ACT, c/o Homi Bhabha Centre for Science Education, Mumbai for the students of B. Sc. (H) Chemistry of Shivaji College.

She has published/co-published the following papers:

- Issar, U., Kumari, T., **Arora, R.** & Kakkar, R. (2017). Conformational Properties of DNA minor groove binder Hoechst 33258 in gas phase and in aqueous solution. *Computational and Theoretical Chemistry*. 1113:32-41.

She has co-authored the following chapters:

- **Arora, R.** & Vasal, A. (2017). Breaking the Stereotypes. *The Change Makers*, pp 38-43, Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]
- Vasal, A. & **Arora, R.** (2017). Recasting Nancy Drew. *The Change Makers*, pp 84-89, Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]

Mr. Deepesh Singh

He has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Pooja Saluja

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has co-published the following paper:

- Khanna, G., **Saluja, P.** & Khurana, J. M. (2017). A facile and convenient approach for the synthesis of novel sesamol-oxazine and quinoline-oxazine hybrids. *Australian Journal of Chemistry*. 70(12):1285-1290.

Dr. Shilpa Jain

She has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

She has presented the following paper:

- “Extended release of Venlafaxine Hydrochloride using montmorillonite based excipients as a delivery vehicle” at the IIIrd International Conference on Clinical Sciences and Drug Discovery (CSDD 2017), Washington D.C, USA from November 9-11, 2017.

Mr. Narinder Kumar

He has served as:

- Resource person, Workshop entitled “3rd Lab Skill Training Workshop for Laboratory Attendants / Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) from July 10-14, 2017 in Shivaji College, University of Delhi.

Mr. Sunil Yadav

He has published the following paper:

- **Yadav, S., Kumar, S. & Gupta, R. (2017).** Cobalt complexes of pyrrolicarboxamide ligands as catalysts in nitro reduction reactions: influence of electronic substituents on catalysis and mechanistic insights. *Inorganic Chemistry Frontiers*. 4:324-335.

DEPARTMENT OF COMMERCE

The department of Commerce, Shivaji College is well-known for maintaining excellent academic standards among its students while at the same time ensuring their all-round development through extracurricular activities. During the current academic year 2017-18, the Department conducted two seminars on the topics "Career opportunities for students" and "Corporate Social Responsibility" for the benefit of students.

○ **Launched**

- Magazine ‘**Optimum**’ that includes thought-provoking articles contributed by its students on various business, economic and social issues and challenges

○ **Organized Seminars**

- **Alumni Meet** on March 10, 2018

Lectures:

- **Mr. Kushal Bhateja**, CFA, FRM, and CFP, and the Finance faculty and Program Head at the International College of Financial Planning on "Career opportunities for Students" on September 22, 2017.
- **Mr. Debasis Bhattacharya** (co-chairman of ICRSM) on the topic of "Corporate Social Responsibility" on January 16, 2018.

- **One-day seminar** on “**Mathematics & Statistics**” on March 12, 2018. The speakers at the event were Dr. N. Shravan Kumar, IIT Delhi & Dr. Sudhir Kapoor, Department of Statistics, University of Delhi

Dr. Rabinarayan Samantara

He has served as:

- Chief Editor, Editorial Board of teachers for magazine ‘OPTIMUM 2018’ published by Kaizen, the Commerce Society of Shivaji College, University of Delhi.

He has participated in:

- Workshop on “Unfolding Goods and Services Tax” organized by Faculty of Management Studies, University of Delhi on September 9, 2017.

He has published the following papers:

- **Samantara, R.** (2017). Demonetization in India, ‘OPTIMUM’ published by Kaizen, the Commerce Society of Shivaji College, University of Delhi.
- **Samantara, R.** (2018). Goods and services tax in India, ‘OPTIMUM’ published by Kaizen, the Commerce Society of Shivaji College, University of Delhi.

Ms. Suman Kharbanda

She has participated in:

- National Skill Development Summit organized by National Community College for Skill Development (NCCSD), Women’s Agency for Generating Employment (WAGE), Confederation of Indian Universities and National Institute of Cleanliness Education and Research (NICER) on “Create Job Givers than Job Seekers” held on 3rd October, 2017.

Dr. Ramesh Kumar

He has participated in:

- UGC-Sponsored three weeks **Refresher Course** in Summer School (Interdisciplinary) held from **September 5-25, 2017** at Centre for Professional Development in Higher Education (CPDHE), **University of Delhi**.

He has published the following paper:

- **Kumar, R.** (2017). Small Investors Investing Behaviour in the Stock Market: An Empirical Study of Sources of Information and Stocks’ Selection Criteria”. Shiv Shakti International Journal in Multidisciplinary and Academic Research, Vol 6(3)

Dr. Rajinder Singh

He has participated in:

- UGC-Sponsored three weeks **Refresher Course** in Summer School (Interdisciplinary) held from **September 5-25, 2017** at Centre for Professional Development in Higher Education, **University of Delhi**

He has published the following papers:

- **Singh, R.** (2017). Demonetisation in India: Expectations and Effects so Far. *International Journal of Applied Research*. 3(6): 619-621.
- Contributed six modules (E-Content) on the topics Motivation, Leadership, and Organisational Communication towards ‘epg Pathshala’, an MHRD (Govt. of India) project under its National Mission on Education through ICT (NME-ICT)

He has been awarded for:

- He has successfully completed NCC Training Course at OTA, Kamptee (Nagpur) and got commissioned as Lieutenant. Also awarded with Director General's Baton and Gold Medal in Senior Division for overall excellent performance during the course.

Ms. Vanitha Chawla

She has served as:

- Member, Editorial Board of teachers for book 'Arthmanthan' published by SPADE, the Socio-Economic Society of Shivaji College, University of Delhi.

She has participated in:

- Three Days National Faculty Development Programme on 'Time Series Analysis' organized by Department of Commerce, Maitreyi College, University of Delhi from November 27-29, 2017.
- Workshop on "Unfolding Goods and Services Tax" organized by Faculty of Management Studies, University of Delhi on September 9, 2017.
- National Skill Development Summit organized by National Community College for Skill Development (NCCSD), Women's Agency for Generating Employment (WAGE), Confederation of Indian Universities and National Institute of Cleanliness Education and Research (NICER) on "Create Job Givers than Job Seekers" held on 3rd October, 2017.

She has published/ Co-published the following papers:

- **Chawla, V., & Shweta.**(2017). Nexus between Stock Market Returns and Economic Variables: Evidence from India. *Mudra: Journal of Finance and Accounting*. 4(1): 70-85

Ms. Monika

She has participated in:

- Workshop on "Unfolding Goods and Services Tax" organized by Faculty of Management Studies, University of Delhi on September 9, 2017.

She has published/co-published the following papers:

- **Sharma, M.** (2017). Green Marketing: Opportunities, Challenges and Suggestions. *International Education & Research Journal*. 3(5):786-787
- Kaur, H., & **Sharma, M.** (2017). Transfer Pricing: An Indian Scenario. *International Education & Research Journal*. 3(5):790-791
- **Sharma, M., & Kaur, H.** (2017). Work Life Balance. *International Education & Research Journal*. 3(5): 788-789.

Dr. Chhavi Sharma

She has participated in:

- National Skill Development Summit organized by National Community College for Skill Development (NCCSD), Women's Agency for Generating Employment (WAGE), Confederation of Indian Universities and National Institute of Cleanliness Education and Research (NICER) on "Create Job Givers than Job Seekers" held on 3rd October, 2017.

She has published the following paper:

- **Sharma, C.** (2018). Goods and services tax in India, 'OPTIMUM' published by Kaizen, the Commerce Society of Shivaji College, University of Delhi

Ms. Anubha

She has participated in the following programme:

- National Seminar on 'Managing Business in the Era of Transformation', organized by Department of Commerce, Kurukshetra University, Kurukshetra on March 8, 2017.

She has presented the following papers:

- 'Decode digital marketing with Incredible Bhagwat Gita Quotes: A Case Study of generation Y', at International Seminar on 'Exploring Self in Digital Age – the Perspective of Shrimadbhagavadgita Philosophy' organized by Department of Tourism & Hotel Management and University School of Management, Kurukshetra University, Kurukshetra from November 25-27, 2017.
- 'Social media as tool for promoting cashless transaction', at National Seminar organized by Department of Commerce, Aligarh Muslim University on April 29, 2017.

She has published the following papers:

- **Anubha** (2017). Perceptions of Social Media Usage: Perspectives of Brand Choice. *Indian Journal of Commerce*, 70(3): 54-66.
- **Anubha** (2017). An Analysis of Consumer Behavior: A case of brand choice on social media, *Amity Business Review*, 18(2): 43-57

Ms. Shweta

She has served as:

- Member, Editorial Board of teachers for book 'Arthmanthan' published by SPADE, the Socio-Economic Society of Shivaji College, University of Delhi.

She has participated in:

- Workshop on "Unfolding Goods and Services Tax" organized by Faculty of Management Studies, University of Delhi held on September 9th, 2017.

- National Skill Development Summit organized by National Community College for Skill Development (NCCSD), Women's Agency for Generating Employment (WAGE), Confederation of Indian Universities and National Institute of Cleanliness Education and Research (NICER) on "Create Job Givers than Job Seekers" held on 3rd October, 2017.
- National Symposium on "Dimensions of Quality in Higher Education in Contemporary Times" organized by Shri Ram College of Commerce, University of Delhi held on November 11th, 2017.
- Three Days National Faculty Development Programme on 'Time Series Analysis' organized by Department of Commerce, Maitreyi College, University of Delhi from November 27th - 29th, 2017.
- Five-day Entrepreneurship Educators Program: WF100 and WF101 organized by Bhagwan Parshuram Institute of Technology, New Delhi in association with Wadhvani foundation held from December 11th -15th, 2017.

She has published/ Co-published the following papers:

- Shweta., Lal, M. & Chhikara, K. (2017). An Analytical Study of Competitiveness of Indian Textile Industry. *Nuances: A Journal of Humanistic Enquiry*. 3(1): 49-68.
- Chawla,V., & Shweta.(2017). Nexus between Stock Market Returns and Economic Variables: Evidence from India. *Mudra: Journal of Finance and Accounting*. 4(1): 70-85.
- Lal, M., & Shweta. (2017). A Study of Growth and Diversification of Indian Textile Trade. *South Asian Journal of Research in Business Economics and Management*. 7(7): 164-184.

Ms. Harmanpreet Kaur

She has served as:

- Member, Editorial Board of teachers for book 'Arthmanthan' published by SPADE, the Socio-Economic Society of Shivaji College, University of Delhi.

She has participated in the following programmes:

- 6th Annual International Commerce Conference on 'Digital Outreach and Future of Marketing Practices' organized by Department of Commerce, University of Delhi & Academy of Indian Marketing on January 11-12, 2018.
- Faculty Development Programme on 'Fundamentals of Goods and Services Tax (GST)' organized by Department of Commerce, Daulat Ram College, University of Delhi on December 26-27, 2017.
- Three Days National Faculty Development Programme on 'Time Series Analysis' organized by Department of Commerce, Maitreyi College, University of Delhi on November 27-29, 2017.
- Workshop on "Unfolding Goods and Services Tax" organized by Faculty of Management Studies, University of Delhi on September 9, 2017.

She has Published/ Co-published the following papers:

- **Kaur, H., & Menani, S.** (2017). Bancassurance: A step towards financial inclusion. *South Asian Journal of Marketing and Management Research*. 7(6): 43-52.
- **Kaur, H., & Sharma, M.** (2017). Transfer Pricing: An Indian Scenario. *International Education & Research Journal*. 3(5): 790-791.
- **Sharma, M., & Kaur, H.** (2017). Work Life Balance. *International Education & Research Journal*. 3(5):788-789.

Ms Vineeta

She has published/co-published the following papers:

- **Dangi, H. K., & Vineeta.** (2017). Factors influencing online purchase: Indian consumers perspective. *Indian Journal of Commerce and Management Studies*, 8: 73-84.
- **Vineeta, & Dangi, H.** (2017). Evaluation of e-commerce websites using AHP Decision Making Analysis. *Global Journal for Research*, 6:585-588.
- **Vineeta, & Bharti, A.** (2017). Customer Churn Management. *Academicia: An interdisciplinary Research Journal*, 7: 96-102.
- **Vineeta, & Bharti, A.** (2017). Human Resource Analytics. *South Asian Journal of Marketing and Management Research*, 07: 78-82.

DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science was setup in 1985. Since its inception the department has been successfully running the course B.Sc. (P) with Computer Science under the CBCS scheme. The curriculum aims at providing an introductory yet comprehensive view of established and emerging areas in diverse scientific fields.

Departmental activities organized during the year were:

- **Organized**
 - **Annual Technical Festival ‘Techelons’** on March 30-31, 2017.
 - **Lecture** by Mr. Anuj Agarwal, Chairman, Centre for Research on Cyber Crime and Cyber Law on ‘Cybercrime and Cyber Laws’ on March 30, 2017.
- **A Visit** to Rashtrapati Bhavan on September 8, 2017.

Mr. Rakesh Yadav

He has participated in the following programme:

- Third Lecture Workshop on “Women in Science”, organized by Science Foundation, Deen Dayal Upadhyaya College on September 6, 2017.

Ms. Preeti Sharma

She has served as:

- Managing and Creative Editor, *The Change Makers*, published by Pinnacle Learning, 2018 [ISBN 978-93-83848-43-0]
- Convenor, College Website Committee, Shivaji College

Ms. Abha Vasal

She has participated in the following programmes:

- 2nd International Workshop on Big Data Analytics (WBDA -2017), organized by School of Computer and Systems Sciences, Jawaharlal Nehru University, held on March 17-18, 2017.
- Third Lecture Workshop on “Women in Science”, organized by Science Foundation, Deen Dayal Upadhyaya College on September 6, 2017.

She has published the following chapters:

- Arora, R. & **Vasal, A.** (2017). Breaking the Stereotypes. *The Change Makers*, pp 38-43 Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]
- **Vasal, A.** & Arora, R. (2017). Recasting Nancy Drew. *The Change Makers*, pp 84-89 Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]

Mr. Krishan Kant Singh Gautam

He has participated in the following programmes:

- 2nd International Workshop on Big Data Analytics (WBDA -2017), organized by School of Computer and Systems Sciences, Jawaharlal Nehru University, held on March 17-18, 2017.
- Third Lecture Workshop on “Women in Science”, organized by Science Foundation, Deen Dayal Upadhyaya College on September 6, 2017.
- Workshop on “Architectural Implications of Security in IoT Processors” organized by IIT Delhi, held on November 28, 2017.

Ms. Yogesh Kumari

She has participated in the following programs:

- Short term course on “Information Security and Digital Forensics” conducted at NSIT Delhi from June 5-9, 2017.
- Faculty Development Course on “Introduction to Web Development” held at IIT Roorkee from June 13-22, 2017.
- Faculty Development Course on “Computer Security from the Data Science Perspective” held at IIT Ropar from December 18-30, 2017.
- Workshop on “R Programming” organized by Department of Computer Science, University of Delhi held on February 12, 2018.

DEPARTMENT OF ECONOMICS

Department of Economics consists of 9 faculty members and approximately 150 students. Both staff and students are constantly involved in learning, experimenting and applying economic principles to obtain outcomes that are beneficial for all in the economy.

The Department has **organized the following lectures:**

- **Mr. Kunal Tyagi** (Assistant Manager, SBU_EDU of National Stock Exchange of India Limited) on “Introduction to Financial Markets” on November 2, 2017.
- **Prof. B.L. Pandit** (Former Head, Department of Economics, Delhi School of Economics) on “Pricing of Land as an Asset” on February 27, 2018.

Ms Anshu Chopra

She has served as:

- Convener, Women’s Development Cell, Shivaji College
- Organizing Secretary, Gender Fair- ‘Redefining Womanhood’ on January 30- 31, 2018
- Managing Editor, Coffee table book entitled: ‘The Change Makers’ published by Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]

Ms. Mamta Datt

She has served as:

- Convener, Canteen Committee, Shivaji College

Ms. Iti Dandona

She has published the following paper:

Dandona, I. (2017). GST: The Newly Introduced Tax System in India, *India Calling, A Triannual Newsletter in Thai and English*. Vol VIII (2): 3-4.

Dr. Reetika Rana

She has served as

- Convener, Placement Cell
- Editor-in-chief, Editorial Board for the book titled “The Change Makers”, published by Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]

She has received the following honor:

- **Academic Fellowship financed by Dutch Ministry of Foreign Affairs** for a study programme on “Food Security in Urbanizing World” (September 4–15, 2017) at the Wageningen Centre for Development Innovation, Netherlands.

Ms. Shivani Gupta

She has participated in the following programmes:

- Faculty Development Programme on ‘Contemporary Research Methodology’ on April 15–16, 2017 at Aryabhatta College, University of Delhi, Benito Juarez Road, New Delhi – 110021.
- Faculty Development Programme on ‘Evolving Paradigms in Commerce Education and Management Research’ from April 28–May 4, 2017 at Hansraj College, University of Delhi, Delhi.
- The course on ‘Application of Environmental Cost Benefit Analysis using Welfare Economics’ conducted by Global Initiative Academic Network (GIAN) from October 30–November 8, 2017.
- 4-weeks Orientation Programme at Centre for Professional Development in Higher Education, University of Delhi, New Delhi from November 21– December 19, 2017.
- Two-days International Conference on Business, Economics and Sustainable Development (ICBESD 2018) organized by Department of Business and Sustainability, TERI School of Advanced Studies held on February 22-23, 2018.

She has presented the following paper:

- “Analyzing the Impact of Public Health Care Facilities: A State Level Study for India” at International Conference on Business, Economics and Sustainable Development (ICBESD 2018) organized by Department of Business and Sustainability, TERI School of Advanced Studies held on February 22 -23, 2018.

She has published the following chapters:

- **Gupta, S.** (2018). *Courage Redefined*. Coffee table book – ‘The Change Makers’. Women’s Development Cell, Shivaji College.
- **Gupta, S.** (2018). *Unleashing Feminism*. Coffee table book – ‘The Change Makers’. Women’s Development Cell, Shivaji College.

Ms. Bhumika Bhavnani

She has served as:

- Senior Editor, Coffee table book entitled: ‘The Change Makers’ published by Pinnacle Learning, Delhi [ISBN 978-93-83848-43-0]

She has participated in the following programme:

- Faculty Development Programme on ‘Contemporary Research Methodology’ on April 15–16, 2017 at Aryabhatta College, University of Delhi, Benito Juarez Road, New Delhi – 110021.

DEPARTMENT OF ENGLISH

The Department of English of Shivaji College is one of the few departments in the college that caters to students from all disciplines. The department engages its students not only at the academic level but also provides them with opportunities at extracurricular level to fine-tune their talents and perspectives.

- The **Department of English** has conducted the following activities:
 - **Organized Lectures**
 - **Prof. Makarand R. Paranjape** (Centre for English Studies, Jawaharlal Nehru University) on “Indo-Sino Relations: Social, Political and Cultural Ramifications” on October 10, 2017.
 - **Ms. Ruhee Neog**, Director, Institute of Peace and Conflict Studies, Chaired the session.
 - **Ms. Manju Kapur**, Writer and Former Associate Professor, DU, delivered the inaugural address at the “Creative Writing Workshop” held on October 14, 2017.
 - **Dr Anjana Neira Dev**, Associate Professor, Gargi College, conducted the workshop.
 - **Screened** the film *The Duchess of Malfi* on November 13, 2017.
 - Organized a **Heritage Walk** to Humayun’s Tomb and Lodhi Garden with a guided tour by Dr. Shama Mitra Chenoy, Associate Professor, History, on February 10, 2018.
 - **Alumni Meet** on February 24, 2018.

Dr. Sonali Garg

She has presented the following papers:

- “*Premashram* as History: Postcolonial Perspectives on the Indian Peasant” at the National Conference on Postcolonialism: Indian Response and Transformation at Amity Law School, Noida, on August 22-23, 2017. The paper had been adjudged and awarded as the “**Best Research Paper**”
- “The Difficulty of saying I: Problems of Representation in *My Feudal Lord*” at the International Conference on Women and Sectarian Violence in South Asia: Fiction and Reality at the Central University of Gujarat, Gandhinagar on November 9-10, 2017.

She has published the following chapter:

- **Garg, S.** (2017). History in Expatriate Experience: The Sacred Burden borne in *China Men and The Woman Warrior*. (Ed.) Varun Gulati and Garima Dalal, Multicultural and Marginalized Voices of Postcolonial Literature (pp 87-93). Maryland: Lexington. Print. [ISBN: 978-1498547444]
- **Garg, S.** (2017). Premashram as History: Post-colonial Perspectives on the Indian Peasant. (Ed.) Shefali Raizada, Tripti Srivastava et al, Paradigm Shift in India: Pre and Post-Colonial Era (pp 1-18). New Delhi: Satyam Law International. Print.

Dr. Leisangthem Gitarani Devi

She has presented the following papers:

- “Inside the Womb: Reading the ‘Home’ in the Short Stories by Contemporary Women Writers of Manipur” at the 10th International Convention of Asia Scholars held from July 20-23, 2017 at Chiang Mai, Thailand.
- “Narrativising Domesticity, Narrativising Battles: Agenda and Concerns in Women's Writing in Manipur” at the International Seminar on “Narratives of Violence and Terror in South Asia” held from November 16-18, 2017 at North Eastern Hill University, Shillong, Meghalaya.

Ms. Ritu Madan

She has participated in the following programme:

- Two-day workshop on “Memorializing Partition on February 22 and April 12, 2017, organized by the 1947 Partition Archive and Centre for Studies in Violence, Memory, and Trauma, Department of English.

Dr. Chakpram Priyanka

She has participated in the following programme:

- Faculty Development Programme on "Teaching Crime Fiction: Texts and Methodologies" organized by the Department of English, Atma Ram Sanatan Dharma College, University of Delhi on October 16, 2017.

Dr. Varun Gulati

He has served as:

- Resource person, Faculty Development Programme organized by Maharishi Markandeshwar University, Ambala, on December 7, 2017.
- External Examiner of Ph.D. thesis titled “Unwelcoming Homes: Alienations and Dislocations in Contemporary South Asian Fiction” by Dinesh Kafle, Centre of English Studies (CES), JNU, New Delhi.
- External Examiner of Ph.D. thesis titled “Shashi Deshpande and Ruth Praver Jhabvala: A Comparative Study” by M. Edward Singh, Department of English, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu.

He has published the following papers:

- **Gulati, V.** (2017). Malady and Escape – Reading Kiran Desai’s Hullabaloo in the Guava Orchard. *Indian Scholar*. 3(4): 294-302.
- **Gulati, V.** (2017). A Female against Autonomy: A Study of Meerabai’s Poetry. *Language in India*. 17(11): 344-350.

He has published the following books:

- **Gulati, V.** (2017) *Literary Critters*. New Delhi, Delhi: Authorspess. [ISBN: 978-9386722928]
- **Gulati, V. & Dalal, G.** (2017). *Multicultural and Marginalized Voices of Postcolonial Literature*. Lanham, USA: Lexington Books. [ISBN: 978-1498547444]
- **Gulati, V. & Dalal, G.** (2018). *Innovations and Trends in English Language Teaching*. Lanham, USA: Lexington Books [ISBN: 978-1498552813].

Ms. Preeti Desodiya

She has participated in the following programme:

- 21-day Refresher course conducted by University Grant commission at HRDC, Jawaharlal Nehru University, Delhi on Language Literature and Culture from January 8-February 2, 2018.

DEPARTMENT OF ENVIRONMENTAL STUDIES

Department of Environmental Studies has been constituted to provide compulsory environmental science education to all the undergraduate courses. 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.

The Department organized:

- **Practical Training** for Paper Recycling for students from different courses in making recycled paper in collaboration with Eco Club of Shivaji College.
- **Field Visits**
 - For the students of B.A. (H) English and B.A.(H) Economics IInd semester to Indian Agricultural Research Institute, PUSA on February 2, 2018.
 - For the students of B.Sc. (H) Biochemistry and B.Sc. (H) Chemistry IInd semester to Okhla Bird Sanctuary, Noida, Uttar Pradesh on February 5 and 13, 2018.

Dr. Virat Jolli

He has served as:

- Organizing member, 'World Ozone Day 2017' organized by Eco Club Shivaji College on September 15, 2017.
- **Subject Editor: Check List: The Journal of Biodiversity Taxa**
<https://checklist.pensoft.net/>
- Member, British Ornithologist's Union, World Pheasant Association-India, Society for Conservation Biology.

He has presented the following paper:

- **Jolli, V.** Conservation Challenges and Opportunities in Developing World: Conservation of Himalayan Birds Through Community Participation on November 28–29, 2017, at British Ornithologist's Union 2017 Twitter Conference, United Kingdom.

He has presented the following poster:

- Impact of Urbanization on Common Birds of Himalayas. British Ornithologist's Union Annual Conference "From Avian Tracking to Population Processes", from March 28-30, 2017 at University of Warwick, United Kingdom.

He has published/co-published the following papers:

- **Jolli, V.** (2017). Hydro power projects-boon or bane for the rural communities of Western Himalayas. *Present Environment and Sustainable Development*. 11(1): 55-64.
- **Jolli, V.** (2017). Hydro Power Development and Its Impacts on the Habitats and Diversity of Montane Birds of Western Himalayas. *Vestnik Zoologii*. 51(4): 311-324.

Dr. Ashwani Sharma

He has served as:

- Organizing member, World Ozone Day 2017 organized by Eco Club Shivaji College on September 15, 2017.

DEPARTMENT OF GEOGRAPHY

The Department of Geography, Shivaji College continues in its pursuit for academic excellence. In addition to classroom teaching, the department organized field trips to provide real life learning experiences to students.

The Department organized the following:

- **Organized a workshop** entitled "Indian Cultural Values and Sustainable Environment: Emerging Grassroot Activism in Environmental Management and Rural Development" on August 25, 2017.
- Long Excursion of B.A. (Hons.) Geography of IV semester students to Dui, Somnath and Ahmedabad from March 3-9, 2018
- Local Excursion of B.A. (Hons.) Geography students to Teliyar Lake, Rohtak on January 20, 2018.
- Local Excursion of B.A. (Hons.) Geography VI Sem students to Khurampur Village, Sonapat on January 18, 2018

Dr. Surender Singh

He has served as:

- Chairperson, technical session in an International Seminar organized by S.B.S. College (University of Delhi) on the theme – Liveable cities: Transformation sustainability and its challenges on February 5, 2017

Dr. Tejbir Singh Rana

He has served as:

- Supervisor, Ph.D. Research Scholar Aarti Sharma and degree awarded by University of Delhi in 2017. Thesis title: Role of Social Fabric in Sustainable Development of Aligarh District
- Resource Person – K.V. PGT Geography Teachers Refresher Course VikasPuri, Delhi for Geography PGT teachers of North India and Delivered two lectures for the same.
- Chairperson, technical session in an International Seminar organized by S.B.S. College (University of Delhi) on the theme – Liveable cities: Transformation sustainability and its challenges on February 5, 2017

He has visited the following institutes for invited lectures:

- Lecture at Govt. College sector- 14, Panchkula, Haryana on the topic ‘NAAC preparation methodology’ on November 16, 2017
- Lecture at Shyama Prasad Mukherjee College, University of Delhi on the topic ‘The Change that India Needs’ on February 17, 2018

He has presented the following paper:

- ‘Byproduct of Tehri Dam Development Project’ at National seminar at D.D. College, Dehradun on December 29, 2017.

He has:

- Guided a long Excursion of B.A. (Hons.) Geography IV semester students to Dui, Somnath and Ahmedabad from March 3-9, 2018.
- Uploaded 50 e-lectures on YouTube on Physical Geography- Available in Public domain in the name of Tejbir Rana.
- Started a Museum of Geography Heritage at Alipur, Delhi for academicians and researchers.

Dr. Preeti Tiwari

She has published the following chapter:

- **Tiwari, P.** (2017). Climate Change in the Past, Present and Future. In Dr. Ayan Hazra Edited, Climate Change Law and Society, pp-136-144, Satyam Law international, [ISBN- 978-93-82823-65-0]

Dr. Prabuddh Kumar Mishra

He has served as:

- Co-chaired a session in National Conference on “**Livable Cities: Transforming Sustainability and its Challenges**” in technical Session-7, organized by Bhagat Singh College, University of Delhi, 05th to 07th February, 2017.

- Rapporteur in National Conference on “**Livable Cities: Transforming Sustainability and its Challenges**” in technical Session-3, organized by Bhagat Singh College, University of Delhi, 05th to 07th February, 2017.
- Chaired a session in 39th Indian Geography Congress (National Seminar) on “**Future Cities, Sustainable Development and Geospatial Technology**” Session entitled as “**Tourism And Sustainable Development**” organized by National Association of Geographers, India (NAGI), Osmania University, 5th to 7th December, 2017.
- Rapporteur in National Seminar on ‘**Adaption and Implementation of Paris Agreement: National Initiative towards “Climate Change Mission”**’ in technical Session-VI, organized by Bhagat Singh College (Evening), University of Delhi, 21st to 22nd April, 2017.
- Subject Matter Expert (Geography) for program entitled ‘Development of Exemplar Bridge Course for Out of School Children’. 21th to 23rd February, 2018 NCERT, New Delhi.
- Subject Matter Expert (Geography) for program entitled ‘Development of Geography Kit for Upper Primary and Secondary Stage’. 18th to 22nd December, 2017, NCERT, New Delhi.
- Subject Matter Expert (Geography) for developing, reviewing and editing online courses for SWAYAM for 2017-2018, NCERT, New Delhi.
- Resource Person, three day workshop to review the modules developed by SMEs for MOOCs (Massive Open Online Course) for Senior Secondary School Education (Geography) NCERT, New Delhi. 22nd to 24th March, 2017.
- Resource Person, five day workshop on Development of E-contents/ modules in Geography for Secondary Stage at NCERT, New Delhi. 27th to 31th March 2017.
- **Member**, Editorial Board, *International Journal of Social Science and Humanities. American Research Journal*. (Online-ISSN-2378-7031)
- **Member**, Editorial cum Advisory Board, *International Journal of Environment and Natural Science* (Online- ISSN: 2349-3763)
- **Member**, Editorial Board, Review Committee, *International Journal of Scientific and Industrial Research*. (Online-ISSN: 2229-5518)

He has participated in the following programmes

- Orientation Programme (OR-89) held from 24th August 2017 to 21st September 2017 organised by Centre for Professional Development for Higher Education (CPDHE) (UGC-HRDC), University of Delhi. New Delhi.

Research Project

- **Title** : Indigenous Ecological Knowledge for Soil, Water and Nutrient Conservation in Sikkim Himalaya.
- **Category** : Major (6 Lakhs)

- **Year** : 2017-2018
- **Funding Agency** : Indian Council for Social Science Research (ICSSR), New Delhi

He has published the following papers

Mishra, A.K. and Mishra, P.K. (2018) Spatio-temporal Analysis of Demographic Characteristics: A Case Study of Samastipur District, India. American Research Journal of Humanities and Social Sciences, 4: 1-14.

Mishra, P. K. (2017). Assessment of Run-off and Soil Loss under different Land-use Practices in a Himalayan Watershed, India". American Research Journal of Humanities and Social Sciences, 3, 2017: 1-10.

He has published the following chapters:

- **Mishra P.K. (2017) Environmental Education as a Driver for Sustainable Development Goals.** In Book: Environment and Sustainable Development: A Geographical Appraisal, (eds) Seema Sahdev and Manish Kumar. Concept Publishing Company Pvt. Ltd, New Delhi.: 230-244. (ISBN: 978-93-5125-189-7).
- **Mishra, P.K. and Tripathi P. (2017) Sustainable Development and Climate Change Education.** In Book: Climate Change: Perspective and Challenges in 21st Century, (eds.). V.S. Negi, Research India Press, New Delhi. 270-291 (ISBN: 978-93-5171-094-3).
- **Mishra P.K. (2017) The Role of Water Conservation in Watershed Management: Indian Experiences** In Book: Water Resource: Potentiality, Vulnerability and Management, (eds) Dr. B W Pandey. Research India Press, New Delhi.: 137-148. (ISBN: 978-93-5171-095-0).

He has developed E-Content at two levels:

- **Secondary and Higher Secondary Level**

E-Pathshala, NCERT <http://epathshala.nic.in/> Developed/Edited/Reviewed e-modules for **Geography** on following titles:

- Landforms: Fluvial Landforms, Aeolian landforms, Coastal landforms, Glacial Landforms and landforms developed by groundwater.
- Hydrological cycle and relief of the ocean floors
- Temperature and salinity of ocean water
- Movements of the ocean water

- **Postgraduate Level**

E-Pg Pathshala <http://epgp.inflibnet.ac.in/index.php> An MHRD project National Mission on Education through ICT (NME-ICT) Developed e-lessons/ content writings for **Climatology** on following titles:

- Air Masses: Distribution and Associated Weather Conditions;
- Fronts: Distribution and Associated Weather Conditions;
- Temperate Cyclone: Distribution and Associated Weather Phenomena.

He has presented the following papers:

- **‘Adaption and Implementation of Paris Agreement: National Initiative towards “Climate Change Mission”** paper entitled as *‘Sustainable Development and Climate Change Education’*, organized by Bhagat Singh College (Evening), University of Delhi, 21st to 22nd April, 2017.
- **“Sustainable Resource Management- An imperative for Human Well Being”** in 39th Indian Geography Congress (National Seminar) on **“Future Cities, Sustainable Development and Geospatial Technology”** organized by National Association of Geographers, India (NAGI), Osmania University, Hyderabad. December 5-7, 2017.

Dr. Rajender Singh

He has participated in the following programme:

- Orientation programme by UGC Academic College at BPS Mahila Vishvavidhlaya, Khanpur Kalan, Haryana from December 9, 2017 to January 5, 2018.

Mr. Bharat Ratnu

He has published the following paper:

- **Ratnu B.** (2017), Water Scarcity and pattern of migration: A case study of Makrana tehsil, Nagaur Distrcit, Rajasthan, *Indian Journal of Geography*, Vol. XXI pp 208-221
- **Ratnu B.** (2017), Water management for Sustainability of Nagaur District, Rajasthan, *North Asian Journal of Social Sciences*, 3 (6): 3-11

DEPARTMENT OF HINDI

The Department of Hindi offers both undergraduate and postgraduate courses. Hindi is also taught as a language credit, or a qualifying subject in other undergraduate programmes. The faculty members have diverse including modern poetry, Hindi kahani, medieval poetry, drama, bhasha vigyan, journalism, and mass media. The faculty members have been actively involved in research. They also participate in various academic programmes organized by the University and the UGC to upgrade their skills.

The Department has carried out the following activities:

o Organized

- **Academic excursion** tour to Kurukshetra on November 17, 2017
- **Two-day Faculty Development Program** on the topic of “CBCS Pathyakram: adhyayan ke sandarbh evam paddhtiyan” on January 19-20, 2018. Eminent speakers like Prof. Ramesh Gautam, Prof. Sudhish Pachauri, Smt. Nasira Sharma, Prof. Bharat Singh, Prof. P.C Tondon, Prof. Ramesh Chandra Mishra, Prof. Sudha Singh, Prof. Satyaketu Sankrit, and Dr. Ajay Navriya shared their views with faculty members of different colleges.

○ **Lectures**

- **Mr. Rahul Dev** (Senior Journalist) and **Mr. Prempal Sharma** (Retd. Joint Secretary, Indian Railway) on the topic: “Hindi ka Rashtriya aur Antarashtriya Pariprekshya : Sambhavnao ke dwar” on the occasion of World Hindi Day on January 10, 2018
- **Mr. Prafull Ketkar** (Editor, Organizer) on "Swaraj ke pariprekshya me Swami Vivekanand ke vichar" on January 28, 2018

○ **Celebrated**

- Hindi Diwas by the Cultural and Literary Society and organized Creative Writing and Debate competition on September 14, 2017.
- Vishva Matribhasha Diwas Sahitya Sangam by the Cultural and Literary Society and organized Creative Writing and Debate competition on February 22, 2018.

Dr. Ruchira Dhingra

She has presented the following papers:

- “Jambhoji Ki Samajik Chetna” presented in two day International Seminar “Bhakti Aandolan Aur Vartman Vaishvik Pridrishya Me Guru Jambhoji Ka Chintan” organised by Department of Hindi, University of Delhi and Jambhani Sahitya Akadami, Bikaner on March 18-19, 2017
- “Swatantrayottar Mahila Kaviyitriyon Ki Kavitayon Me Stree Asmita Ke Prashan” presented in two day National Seminar “Swatantryottar Hindi Kavita Naye Rachnatmk Sarokar” organized by P.G.D.A.V College (Evening), University of Delhi on March 23-24, 2017
- “Hindi Krishan Bhakti Kavya Par Purano Ka Prabhav” presented in two day International Seminar “Bhakti Kaleen Kavita Bhartiya Sanskriti Ke Vividh Aayam” organised by P.G.D.A.V College (Evening), University of Delhi on November 2-3, 2017
- “Hindi Kataha Sahitya Ka Filmankan: Dasha Aur Disha” presented in One day National Seminar “Hindi Sahitya Aur Cinema Ka Antarsambhandh” organized by Kamla Nehru College, University of Delhi on November 13, 2017
- “Manav Mulyon Ki Avdharna Aur Hindi ke Mithak Kendrit Hindi Kavya” presented in One day National Seminar “Manav Mulay Hindi Sahitya” on February 24, 2018

She has delivered the following lectures:

- **In CEC:-** Manu Bhandari ke Upanyas, Manu Bhandari, Shivrani Devi, Sumitra Kumari Singh, Homvati Devi, Subhadra Kumari Chouhan, Maha Devi Verma, Sharda Kumari Aur Primvada Devi, Hindi Sahitya Me Mahilayon Ka Yogdan- Bang Mahila, Mahila Kathakar Aur Samsyen , Krishna Sobti 1, Krishna Sobti 2, Mridula Garg 1, Mridula Garg 2, Mridula Garg 3, Prabha Khetan Ki Aatm Katha Ka Mulyankan
- 22 e-lectures uploaded on YOUTUBE

She has published the following book:

- **Dhingra, R.** ‘Bhartiya Kavyashastra’. (2017). Mansarovar Prakashan [ISBN:978-93-83745-34- 0]

Dr. Virender Bhardwaj

He has served as:

- Ph.D. supervisor of three students (University of Delhi). Thesis submitted under his supervision. Students:
Ashok Kr. Meena: Hindi ka asmitamoolak Natyasahitya : Samaj Aur Rajneeti ke prashn
Luvkush Kr: Swatantryottar hindi natkon me Gandhi Nehru Darshan
Lehri Ram Meena: Nandkishor Acharya ke natkon me Rangbodh
- Organizing member, two days Faculty Development Program “CBCS Pathyakram: adhyayan ke sandarbh evam paddhatiyan” held in Shivaji College on January 19- 20, 2018

He has participated in:

- International Conference “Vasudhaiv Kutumbkam” jointly organized by ABRSM and Shekshik Foundation on February 24-25, 2018

He has presented the following paper:

- “Bhartiya Chintan me Vasudhaiv Kutumbkam” in International Conference “Vasudhaiv Kutumbkam” jointly organized by ABRSM and Shekshik Foundation on February 24-25, 2018

Dr. Vikas Sharma

He has participated in the following programmes:

- Two-day Faculty Development Program organized by Hansraj College, Delhi University on November 20-21, 2017
- Two-day Faculty Development Program organized by Shivaji College, Delhi University on January 19-20, 2018
- UGC sponsored refresher course organized by CPDHE, Delhi University on September 5-25, 2017

He has co-authored/authored the following books:

- “Vartalap tatha Devnagri Lipi” (2017). Natraj Prakashan [ISBN No. 978-93-86113-72-6]
- ‘Karyalayi Hindi’ (2018). Natraj Prakashan [ISBN No. 978-93-86113-84-9] complete list of authors???

Dr. Jyoti Sharma

She has completed successfully a term as Visiting Professor in the Switzerland University in June 2017.

She has served as:

- Chairperson, session in International sahitya - samvad on February 20-21, 2018 organized by Sahitya Akademi , Madhya Pradesh, Madhya Pradesh sanskriti Parishad, Madhya Pradesh shasan and Sanskriti Department at Bhopal, Madhya Pradesh Bhartiya sanskritik mulyon ki samvahak Hindi (antarashtriy sandarbh me)

She has participated in the following programmes:

- Faculty Development Program on November 20-21, 2017 at Hansraj College, University of Delhi on the topic 'CBCS pathyakram me hindi shikshan ke navin ayaam aur adhyayan -adhyapan ki chunautiyan'
- Faculty Development Program on January 19- 20, 2018 at Shivaji College, University of Delhi on the topic 'CBCS pathyakram adhyayan ke sandarbh evam padhatiyan'
- Two days National Seminar “Jan Andolan aur Bhartiya Sahitya: Hindi Aur Sindhi ke vishesh sandarbh me” organized by Rajdhani College on February 8- 9, 2018.

She has delivered the following lectures:

- "The Socio- historical contribution of women characters in Jayashankar prasad's plays" in Switzerland on May 16, 2017
- "Theatre, literature and language" in Switzerland University on June 3, 2017
- At International sahitya - samvad on February 20 – 21, 2018 organized by Sahitya Akademi , Madhya Pradesh, Madhya Pradesh sanskriti Parishad , madhya pradesh shasan and sanskriti Department at Bhopal , Madhya Pradesh on the topic – ‘Vaishvik paridrishya aur Hindi ki bhumika’
- In one day International Hindi Sammelan at Shri Guru Teg Bahadur Khalsa College, University of Delhi on September 15, 2017 on the topic "vishv patal pr Hindi adhyapan ki chunautiyan aur sambhavnaein".

She has published the following article:

- ‘Switzerland ko lubhaya Hindi ne' in *Gagnanchal* by MHRD, Govt. of India

She has edited the following book:

- “Bhartiya Kavyashastra”, Akshar publication and distributor, Delhi [ISBN- 9789385600166]

She has published the following chapter:

- "Sanskritik rashtravad aur bharatendu harishchandr ke natak" Book - Natkaar bharatendu , anany prakashan. Pp 27-45 [ISBN- 9789385450525]

She has published the following papers

- Published a paper on E-pg pathshala - "Jayashankar prasad ki itihaas dharna sur chandragupt" ugc and NCEMIT project April 2017.

She has directed a play 'Nai Disha' in Indian Embassy, Switzerland on May 30, 2017.

She has received the following honors:

- "Sahitya Sarita Samman" in the 7th International Conference on June 7, 2017 at Amrita Shergill Kala Kendra, Embassy of India, Budapest, Hungary by the Ambassador Mr. Rahul Chhabra for the internationally excellent contribution in the field of language, literature and history of South Asia.
- Received "Samaj Sewa Ratna Award 2018" by Vijay Raj Welfare Society.

Dr. Darshan Pandey

He has delivered a talk:

- 'Hindi ki Rozgarparakta aur Chunaotiyan' at Uday Pratap College, Varanasi, Uttar Pradesh on January 17, 2018.

He has presented the following papers:

- In an International seminar titled: "Sant kaviyon ke kavya mein Samrasta ka swar" at Kendriya Hindi Sansthan Agra on January 27-28, 2018.
- 'Samkaleen hindi natak aur manav moolya' in National seminar organized by Nav Unnayan Sahityik Society, Delhi on February 24, 2018.

He has published the following papers:

- **Pandey, D.** (2017). Amritlal Nagar krit yugavtar: Kathya ki Padmal aur Prasangikta. *International Journal of Academic Research and Development*. 2(3): 388-390
- **Pandey, D.** (2017). Guru Jambhoji ke Paryavaran Chintan ki Prasangikta. *International Journal of Advanced Educational Research*. 2(3):165-166
- **Pandey, D.** (2017). Prasad Yugeen Natkon me Sanskritik Rashtravad. *National Journal of Multidisciplinary Research*. 2(3): 177-180
- **Pandey, D.** (2017). Boond Aur Samundra me Madhyavargiya Charitrik Yatharth ki Abhivyakti. *International Journal of Advanced Research and Development*. 2(3):462-65

Dr Sarita

She has presented the following paper:

- "Renu ki Mare Gaye Gulfam ka Filmankan" in National Seminar organized by Kamla Nehru College, University of Delhi in November, 2017.

She has published the following article:

- "Ritikaleen Sahitya aur New Media" (2017) in Sahchar, e-magazine [ISBN: 2395-2873]

Dr. Kanchan

She has participated in the following programmes:

- Two-day National Seminar on “Rashtriya Ekatmakta Evam Bhartiya Sanskriti” organized by Indira Gandhi Rashtriya Kala Kendra evam Shiksha Sanskriti Utthan Nyas on June 16^t-17, 2017
- Two-day Faculty Development Program organized by Hansraj College, Delhi University on November 20-21, 2017
- Two-day Faculty Development Program organized by Shivaji College, Delhi University on January 19-20, 2018

She has published the following article/chapter:

- Kanchan. (2017). “Bhumandlikaran Aur Samkaleen Kavita” in the magazine ‘Anamika’ pp 13-20
- “Tippa, Prarupan Aur Sankshepan” in book ‘Karyalayi Hindi’ pp 133-160 in January 2018 (Natraj Prakashan , ISBN No. 978-93-86113-84-9)

She has co-authored the following book:

- Vartalap tatha Devnagri Lipi” (2017). Natraj Prakashan [ISBN No. 978-93-86113-72-6]

Mr. Ashok Kumar Meena

He has submitted his Ph.D. thesis on the topic “Hindi Ka Asmitamulak Natya Sahita: samaj aur Rajniti ke Prashan” in August, 2017.

He has participated in the following programmes:

- Two-day National Seminar organized by Indira Gandhi Rashtriya Kala Kendra Evam Shiksha Sankriti Uatthan Nyas on June 16-17, 2017
- Two day Faculty Development Program organized by Shivaji College, Delhi University on January 19- 20, 2018

He has presented the following papers:

- “Hindi Natko Me Aadiwasi Asmita” presented at National Seminar on Hindi Sahitya Aur Vividh Vimarsh organized by Jamia Miliya Islamian on August 29-30, 2017
- “Bhakti Aandolan Aur Vartman Vaishvik Pridrishya Me Guru Jambhoji Ka Chintan” at the two day International Seminar organized by Hindi Department, University of Delhi and Jambhani Sahitya Akadami , Bikaner on March 18- 19, 2017

Dr. Parveen Bhardwaj

She has participated in following programmes:

- National Conference on “Higher Education: Perspectives in India” organized by Deen Dayal Upadhyay College and ABRSM on July 29- 30, 2017

- ‘Rashtriya Ekatmakta evam Bhartiya Sanskriti’ organized by IGNCA on June 15-16, 2017
- “Kunwar Narayan: Kal Aaj Aur Kal” organized by Hansraj College on September 26, 2017

She has edited the following book:

- “Hindi Gadya: Udbhav aur Vikas”, Natraj Prakashan [ISBN 978-93- 86113-71-9]

She has co-authored the following book:

- Bhardwaj, P. & Pratima. Rachnatmak Lekhan Natraj Prakashan, Delhi [ISBN978-93-86113-87-0]

Dr. Tarun

He has participated in the following programme:

- Two days Faculty Development Program organized by Shivaji College, Delhi University on January 19 - 20, 2018

He has edited the following book:

- “Hindi Aloचना: Path aur Vishleshan”(2018) Natraj Prakashan, Delhi [ISBN: 978-93-86113-88-7]

Dr. Kalpana Sharma

She has participated in the following programme:

- Two days Faculty Development Program organized by Shivaji College, Delhi University on January 19 - 20, 2018

She has published the following articles:

- “Rajendra Yadav Ke Katha Sahitaya Me Samvedna Aur Shilp” in “Drishtipat” (2017), pp10-11 & 26
- “Stri-Purusha Sambhand Aur Rajendra Yadav” IN “Vaad-Samvaad”Editor: Issue-13(January -March 2017) pp 22-26

She has authored/co-authored the following books:

- “Taisi Sab Kau Ki Haoy” (2017) Saad Publications, Delhi [ISBN:978-93-80633-45-9]
- “Vartalap Tatha Devnagari Lipi” (2017) Shri Natraj Publications, Delhi [ISBN:978-93-86113-73-3]
- “Karyalayi Patrachar Ke Vividh Prakar” (2017) pg. 96-132 Shri Natraj Publications, Delhi [ISBN:978-93-86113-84-9]

Dr. Arvinder Kaur

She has participated in the following programmes:

- Faculty Development Programme on CBCS pathaykarm me hindi shikshan ke navin aayam aur adhyayan-adhyapan ki chunautiyan in Hansraj College, university of Delhi on November, 20-21, 2017
- Faculty Development Program on CBCS pathaykarm: adhyayan ke sandharbh avam paddhtiya in Shivaji college, University of Delhi on January 19-20, 2018

DEPARTMENT OF HISTORY

The Department of History believes in facilitating the holistic development of students. It is with this end in view that its activities are an amalgam of the curricular with the extra-curricular activities. Events like student competitions, excursions and a national seminar along with regular and innovative teaching is the hallmark of the Department.

- **Organized one-day** trip to the National Museum on November 7, 2017
- **Annual festival** ‘Itihas’ on February 22, 2018.
- Organized departmental Alumni Meet on February 24, 2018.

Ms. Khurshid Khan

She has served as:

- Convener, Rubaru (A Face to Face Interaction with authors) organized on September 21, 2017 by the Library Committee.

She has presented the following paper:

- Contributions of the Chishtiyyas in the Making of Today’s India in the UGC Sponsored National Seminar, Today’s India: Culture, Society, State and Economy, on September 6th, 2017.

She has delivered a talk:

- On *Sufi Islam: Notion and Praxis* at Sri Aurobindo College (Evening), New Delhi on November 10, 2017.

She has conducted a workshop:

- For the undergraduate teachers teaching the paper, History of India (1500-1600) on February 13, 2018 in the Department of History (University of Delhi).

She has published the following papers:

- **Khan, K.** (2017). Women in the *malfuzat* of the Early *Chishti* Shaikhs of Fourteenth Century Delhi. *BSS Journal of Social Work*. 8(1): 76-97.

She has published a review of the book:

- **Khan, K.** (2018) of Jackson, P. “A Jesuit Among Sufis” in Salaam, Journal of Islamic Studies Association, 39(1):41-44

She has received the following honors:

- Scholarship for Indian Sufism and creative activities to cultivate peace among all people in India by The Islamic Studies Association, New Delhi, on January 27, 2017.

She has published the following Chapter:

- **Khan, K.** (2018). The Feminine Space in the Discourses of Early Chishtī Shaykhs c. Fourteenth Century”, in S.B. Bhardwaj, R.P.Bahuguna & M. Kumar, (Eds.) Revisiting the History of Medieval Rajasthan: Essays for Professor Dilbagh Singh, (pp. 158-174) New Delhi, Primus.

Dr. Amarjiv Lochan

He has served as:

- Member, Editorial Board, American Journal of Indic Studies

He has presented the following paper:

- ‘The Indiginity of the pre-Colonial Natives from the islands of Philippines’ at the 6th International Centre of Cultural Studies held at Thane, Maharashtra from February 1-4, 2018.
- ‘The Chams of Champa: Safeguarding the vestiges of Early Indic influenced Society in Vietnam’ at the International Seminar on “Joint Civilisational Heritage of Vietnam and India - Champa Civilization, and the Shared Links of Hinduism and Buddhism”, organised by the Govt of Republic of Vietnam held at Danang, Vietnam on August 25, 2017
- ‘The Upcoming India–Thailand Highway: A Road to “trade” in Culture and Religion?’ at Joint International seminar on ‘India - Thailand: Commerce, Connectivity and Culture’ at the ICSSR, India at Bodh Gaya, India on February 19-20, 2018
- ‘Indian History beyond the Borders: Bharat’s Extension into Today's Southeast Asia” at the ICHR National Seminar on Indian History: Emerging Perspectives at Indira Gandhi National Centre for the Arts, New Delhi on March 5–7, 2018

He has edited the following book:

- Bhikkhunis and Buddhist World: Issues in Contemporary Society. (2017) Bangkok, [ISBN: 978-974-260-293-2]

Dr. Shama Mitra Chenoy

She has served as:

- Member, All India Grants Committee, National Archives of India

She has participated as a stake holder in:

- The Department of Architectural Conservation, SPA-Delhi organized 'Lab to Conservation Site' Project (Under the Indo-Italian Bilateral Programme for Scientific &

Technological Cooperation) Inception Workshop, to initiate a dialogue with residents and stakeholders, at Chunnamal Haveli & Ballimaran, Shahjahanabad on November 12, 2017.

She has delivered a lecture on:

- History of Shahjahanabad- Urban Planning at the School of Planning and Architecture on August 16, 2017.

She has published the following book:

- **Chenoy, S.M.** (2018). Delhi in Transition, 1821 and Beyond Mirza Sangin Beg's *Sair-ul Manazil*, Oxford University Press [ISBN: 13: 978-0-19-947773-9]

Ms. Nishtha Srivastava

She has participated in the following programme:

- Refresher Course in Winter School (November 28 – December 19, 2017) organized by Centre for Professional Development in Higher Education, University of Delhi.

DEPARTMENT OF MATHEMATICS

The Mathematics Department of our college is celebrating its Golden Jubilee year. To commemorate the milestone, the Department organized a series of workshops/seminars.

The **Department of Mathematics**:

- **Organized**
 - **A workshop** on “A Vedic Approach to Mathematical Sciences” on September 27, 2017.
 - **Seminars on:**
 - Mathematics: Historic and Current Perspectives on November 10, 2017.
 - Mathematics and Statistics on March 12, 2018.
- **Annual Festival**, “Infinity” on February 19, 2018
- **Alumni Meet** on January 20, 2018.

Dr. Kumari Priyanka

She has served as:

- Project Investigator, SERB sponsored Major Research Project No. EMR (2016)/000455 entitled “Design and Analysis of Sensitive Characteristics on successive Occasions and its Applications.”
- Ph. D. Supervisor of Research Scholar, Richa Mittal who have been awarded Ph. D degree from University of Delhi in Mathematics, thesis entitled ‘Search of Efficient Rotation Patterns & Their Applications’

- Convener, Seminar entitled “Mathematics: Historic and Current Perspectives” organized on November 10, 2017 in Shivaji College.
- Member, Indian Science Congress Association (Membership No: L34941)
- Member, Indian Society of Industrial and Applied Mathematics (Membership No: P-57)
- Reviewer, Journal of Modern Applied Statistical Methods (Manuscript id: MS#2553)
- Reviewer, Journal of Statistical Theory and Practice. (Manuscript id: UJSP-2018-0002)
- Reviewer, Journal of Cogent Mathematics and Statistics. (Manuscript id: COGENTMATH-2017-0299)
- Reviewer, Statistics-A Journal of Theoretical and Applied Statistics. (Manuscript id: GSTA-2017-0343)
- Reviewer, Journal of Statistics Applications & Probability (Manuscript id: JSAP080118AG)

She has participated in the following programme:

- International Conference on Mathematics and Applications, held from April 26-28, 2017 organized by Ramjas College (University of Delhi), New Delhi.

She has co-published the following papers:

- **Priyanka, K.** and Trisandhya, P. (2018). A composite class of estimators using scrambled response mechanism for sensitive population mean successive sampling, *Communications, Statistics-Theory and Methods*. DOI: 10.1080/03610926.2017.1422762.
- **Priyanka, K.**, Trisandhya, P, and Mittal, R., (2018). Analysis of Exponential Product type Estimators with Embedded Imputation Techniques on Successive Occasions, *International Journal of Mathematics and Statistics*. 19(1): 19-40.
- **Priyanka, K.** ,Trisandhya, P, and Mittal, R..(2017). Dealing sensitive characters on successive occasions through a general class of estimators using scrambled response techniques, *Metron*. DOI: 10.1007/s40300-017-0131-1.
- **Priyanka, K.** and Mittal, R.(2017). Multivariate analysis of longitudinal surveys for population median. *Communications for Statistical Applications and Methods*. 24(3):1-15.
- **Priyanka, K.** and Mittal, R. (2017). New approaches using exponential type estimator with cost modelling for population mean on successive waves. *Statistics in Transition new series*. 18(4): 569-587, DOI: 10.2130/stattrans-2017-001.
- **Priyanka, K.** and Mittal, R. (2017). A fresh approach for intercession of nonresponse in multivariate longitudinal designs. *Communications for Statistics-Theory and Methods*. 46(18): 9303-9323.

Dr. Mridula Budhraj

She has served as:

- Ph. D guide of Ms. Aysha Ibraheem from Department of Mathematics, University of Delhi. Thesis title: ‘Non-linear Dynamic Systems & Chaos Control’

She has co-published the following papers:

- Ibraheem, A., Khan, A. & **Budhraj, M.** (2017). Different types of synchronization between different fractional order chaotic systems. *Nonlinear Dynamics and Systems Theory*. 17(3): 279-290.
- Ibraheem, A., Khan, A. & **Budhraj, M.** (2017). Multiswitching compound synchronization of four different chaotic systems via active backstepping method. *International Journal of Dynamics and Control* [Accepted]
- Ibraheem, A., Khan, A. & **Budhraj, M.** (2018). Multiswitching dual compound synchronization of chaotic systems”, *Chinese Journal of Physics*. 56(2): 171-179.

Dr. Neetu Rani

She has served as:

- Organizer, One-day seminar entitled “Mathematics: Historic and Current Perspectives” for students in Shivaji College, University of Delhi, on November 10, 2017

She has participated in the following programmes:

- Faculty Development Programme on Statistical Computing Software 'R' organized by the Department of Mathematics, Keshav Mahavidyalaya, University of Delhi, held on March 24, 2017.
- Workshop for teachers on "Exploring Maths for Digital India" organized by Rajyoga Education & Research Foundation at Brahmakumaris, Gyan-Vigya Bhawan, Delhi, held on November 22, 2017.

She has presented the following paper:

- “Mathematical description of some facts related to agricultural sector” at Research Scholar Seminar & Annual Conference of the Society of Mathematical Sciences (Delhi) organized by Department of Mathematics, University of Delhi, Delhi on May 1, 2017

She has published the following paper:

- **Rani, N.** (2017). Migration of Agricultural Population to Non-Agricultural Sector: A Mathematical Study. *Indian Journal of Industrial and Applied Mathematics* 8(2): 201-211

Dr. Surbhi Madan

She has participated in the following programme:

- National conference on Advances in Applied Mathematics and Statistics, NCAAMS-2017 on September 7-8, 2017, Mata Sundari College, University of Delhi

Dr. Vandana

She has participated in the following programme:

- International Workshop on Recent Advances in Operator Semigroups, Department of Mathematics, University of Delhi on December 18– 21, 2017

She has co-published the following paper:

- **Rajpal, V.**, Kumar, A. & Luthra, P. (2017). Polynomials in operator space theory: matrix ordering and algebraic aspects. *Positivity*, :1-24

Mr. Jitendra Singh

He has participated in the following programmes:

- Refresher Course in E-learning and Digital Learning from September 5-25, 2017 at CPDHE, University of Delhi.
- Faculty Development Programme on Emergent Trends in Mathematics held on February 1, 2018 at Atma Ram Sanatan Dharm College, University of Delhi

PARTMENT OF PHYSICAL EDUCATION

The college has the biggest playground in the entire Delhi University. The Department of Physical Education conducts teaching and training programmes under the supervision of qualified coaches in various games such as cricket, football, basketball, volleyball, chess and table tennis. The department provides facilities and incentives such as playing kit, playing equipment, refreshment, awards, etc. to students who are member of college teams. The department also offers theory paper to students of various programmes in Semesters 1- 4 under the CBCS system.

The Department of Physical Education has organized:

- **Kite Flying event** on August 14, 2017 to mark the Independence Day.
- **Inter Department Tournament** on August 29, 2017 to mark the National Sports Day.
- **Intra Mural Tournament** from January, 29- February 9, 2018 to encourage physical fitness and sports for students.
- **Annual Sports day** on February 21, 2018.

Dr. Amita Handa

She has successfully completed her Doctor of Philosophy programme from Jamia Miliia Islamia in 2017. Her thesis title is “Socio-Economic and educational ethos of Indian National and International Hockey Players: An Analytical Study”.

She has published the following chapter:

- **Handa, A.** (2018). Impact of Psychological factors on the Performance of Indian National and International Hockey Players: An Analytical Study. National Conference on

Physical Education and sports sciences organized by Physical Education foundation of India pp 297-298 [ISBN: 978-93-5300-165-0].

DEPARTMENT OF PHYSICS

The Physics department boasts of inspiring teachers, creative students and equally accomplished alumni. The faculty of the department strongly believes that though desire is the key to motivation, it is determination and commitment to an unrelenting pursuit of goals and commitment to excellence that brings success. The main aim of the department is to provide high quality physics education, producing well-groomed undergraduates who will be strongly engaged in pushing the frontiers of knowledge in physics and its related disciplines through scholarly activities.

The Department has:

- **Organized Lecture Series**

- Prof. Patrick Das Gupta (Department of Physics & Astrophysics, University of Delhi) on “Magic and Mystery of Quantum Mechanics” on February 12, 2018.
- Prof. D. Gadre (Director Embedded Lab, NSIT) on “Physics through Embedded Systems” on February 12, 2018.
- Prof. T. R. Seshadri, (Dean of Research, Department of Physics & Astrophysics, University of Delhi) on “Brief History of the Universe” on February 12, 2018
- Prof. Ajoy K. Ghatak (IIT Delhi) on the topic “Evolution of Quantum Theory and Entanglement” on March 30, 2017.
- Prof. M. R. Shenoy (IIT Delhi) on “Semiconductor Opto Electronic Devices: A Perspective” on October 27, 2017.

- **Organized Workshop “SPECTRUM-2018”** on February 12, 2018.

- **Annual Departmental Festival “Invenio”** on March 30-31, 2017.

Dr. Manju Banerjee

She has served as:

- Convener, Academic annual festival “INVENIO 2017”
- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.

Dr. A. K. Shukla

He has served as:

- Convener in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
- Organizing committee member, Academic annual festival, “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

Dr. S. K. Yadav

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Annual Fest “Invenio” organized on 30th – 31st March, 2017 in Shivaji College.

Dr. Arunvir Singh

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

Dr. Mamta Singh

She has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

She has participated in the following programmes:

- Orientation Programme (OR-88), May 31 - June 28, 2017 at CPDHE, University of Delhi, New Delhi

She has published/co-published the following paper:

- **Singh, M.** & Gupta, D.N. (2018). Laser-absorption effect on pulse- compression under Ohmic and weak-relativistic ponderomotive nonlinearity in plasmas. *Laser Physics Letters* 15: 016001.

She has received the following award:

- Ph.D. degree in the Annual Convocation 2017, University of Delhi

Dr. S. S. Gaur

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

Mr. Ravindra Singh

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

He has participated in the following programme:

- Faculty Development Workshop on “Introduction to Scilab” held at Hansraj College on September 22 – 23, 2017.

Dr. Neeti Goel

She has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.

- Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
- Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

She has participated in the following programme:

- Faculty Development Program on “Applied Physics and Embedded System Design” held at Rajdhani College on December 14– 15, 2017.

Dr. Gyanendra K. Pandey

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on February 12, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on October 27, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on March 30-31, 2017 in Shivaji College.

He has participated in the following programmes:

- Faculty Development Program on “Applied Physics and Embedded System Design” held at Rajdhani College on December 14– 15, 2017.

Dr. Nidhi Tyagi

She has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

She has participated in the following programmes:

- Faculty Development Workshop on “Introduction to Scilab” held at Hansraj College on September 22– 23, 2017.
- Faculty Development Program on “Applied Physics and Embedded System Design” held at Rajdhani College on December 14– 15, 2017.
- 6th International Symposium on Integrated Functionalities ISIF-2017 from December 10 -13, 2017.

She has presented the following paper:

- “Multifunctional single crystal growth, morphology and Hirshfeld surface analysis of L-histidinium tetrafluoroborate for piezoelectric and optical applications” at the 6th International Symposium on Integrated Functionalities ISIF-2017 from December 10-13, 2017.

Dr. Vishal Chaudhary

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

He has participated in the following programme:

- Faculty Development Program on “Applied Physics and Embedded System Design” held at Rajdhani College on December 14 – 15, 2017.

Dr. Priyanka Verma

She has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

She has participated in the following programmes:

- Faculty Development Workshop on “Research Methodology and Data Analysis Using SPSS & AMOS” held at Satyawati College on March 15-20, 2017.
- Seminar on “Recent Advances in Atomic & Molecular Physics” held at Deen Dayal Upadhyaya College on September 19, 2017.

Ms. Preetika Dhawan

She has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.

- Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
- Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

She has participated in the following programmes:

- Faculty Development Workshop on “Introduction to Scilab” held at Hansraj College on September 22– 23, 2017.
- Faculty Development Program on “Applied Physics and Embedded System Design” held at Rajdhani College on December 14 – 15, 2017.

She has received the following awards/honors:

- Gold Medal from Mrs. Mridula Sinha, Hon’ble Governor of Goa on April 13, 2017.
- Dr. K. S. Krishnan Gold Medal at Annual Convocation – 2017, University of Delhi on November 18, 2017 solicited by Hon’ble President of India, Mr. Ram Nath Kovind.

Mr. Saurabh Kunj

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

He has co-published the following paper:

- **Kunj, S & K. Sreenivas.** (2018). Defect mediated ferromagnetism in cluster free $\text{Zn}_{1-x}\text{Ni}_x\text{O}$ nanopowders prepared by combustion method. *Journal of Industrial and Engineering Chemistry*. 60:151-159.

Ms. Divya Deep Yadav

She has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.
 - Academic annual festival “INVENIO 2017” organized on 30th – 31st March, 2017 in Shivaji College.

She has participated in the following programmes:

- Faculty Development Workshop on “Introduction to Scilab” held at Hansraj College on September 22-23, 2017.
- Faculty Development Programme on “Applied Physics and Embedded System Design” held at Rajdhani College on December 14-15 2017.

Dr. Harsh Yadav

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
 - Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.

He has participated in the following programmes:

- Faculty Development Workshop on “Introduction to Scilab” held at Hansraj College on September 22-23, 2017.
- Faculty Development Programme on “Applied Physics and Embedded System Design” held at Rajdhani College on December 14-15, 2017.

He has published/co-published the following papers:

- Goel, S. **Yadav, H.** Sinha, N. Singh, B. Bdikin, I. Chenna Rao, D. Gopalaiah, K. & Kumar, B. (2017). An insight into the synthesis, crystal structure, geometrical modelling of crystal morphology, Hirshfeld surface analysis and characterizations of N-(4-methylbenzyl) benzamide single crystal. *Journal of Applied Crystallography*. 50:1498-1511.
- Goel, S. Sinha, N. **Yadav, H.** Godara, S. J. Joseph, A. & Kumar, B. (2017). Ferroelectric Gd-doped ZnO nanostructures: Enhanced dielectric, ferroelectric and piezoelectric properties. *Materials Chemistry & Physics*. 202: 56-64.
- Goel, S. **Yadav, H.** Sinha, N. Singh, B. Bdikin, I. & Kumar, B. (2018). X-ray, dielectric, piezoelectric and optical analysis of a new NLO 8-hydroxyquinolinium hydrogen squarate crystal. *Acta Crystallographica B*. B74:12-23.
- Sinha, N. Goel, S. J. Joseph, A. **Yadav, H.** Batra, K. K. Gupta, M. & Kumar, B. (2018) Y-doped ZnO nanosheets: Gigantic piezoelectric response for an ultra-sensitive flexible piezoelectric nanogenerator. *Ceramics International* [Accepted Manuscript].

Mr. Avneet Singh

He has served as:

- Organizing Committee member in
 - Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.

- Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.

He has participated in the following programme:

- European Materials Research Society (EMRS), held at Strasbourg, France from May 22-26, 2017.

He has received the following award/honor:

- Best oral presentation award titled “Array of Pd-SnO₂ heterostructures for the efficient detection of CO gas” at The International Symposium on Integrated Functionalities (ISIF-2017), held at New Delhi, India from December 10-13, 2017.

He has presented the following paper:

- Oral Paper Presentation on “Array of Pd-SnO₂ heterostructures for the efficient detection of CO gas” at ISIF-2017, held at New Delhi, India from December 10-13, 2017

He has presented the following poster:

- Poster on “Growth of ZnO columnar nanostructures for carbon monoxide gas sensing application” at EMRS, Strasbourg, France from May 22-26, 2017.

He has published/co-published the following papers:

- **Singh, A.**, Sharma, A., Tomar, M. & Gupta, V. (2018). Tunable nanostructured columnar growth of SnO₂ for efficient detection of CO. *Nanotechnology*. 29(6): 065502
- **Singh, A.**, Sharma, A., Tomar, M. & Gupta, V. (2017). Reduced graphene oxide-SnO₂ nanocomposite thin film based CNG/PNG sensor. *Sensors and Actuators B: Chemical*. 245: 590-598

He has co-published the following article:

- **Singh, A.**, Sharma, A., Tomar, M. & Gupta, V. (2017). Growth of highly porous ZnO nanostructures for carbon monoxide gas sensing. *Surface & Coatings Technology*.

He has the following patents:

- Vinay Gupta, Monika Tomar, Anjali Sharma, **Avneet Singh**, Parivesh Chugh, Jaivinder Singh & Bharathy Subramanian. A sensitive and rapid sensor for inflammable fuel gases, filed complete patent in Indian Patent Office on June 29, 2017 [Application No. 201711011941]
- Vinay Gupta, Monika Tomar, Anjali Sharma & **Avneet Singh**. Electric field assisted low power consuming conductometric gas sensor, filed provisional patent in Indian Patent Office on February 20, 2018 [Application No. 201811006329]

Dr. Thounaojam Umeshkanta Singh

He has served as:

- Organizing Committee member in

- Workshop “Spectrum-2018” organized on 12th February, 2018 in Shivaji College.
- Seminar “Semiconductor Opto-electronic Devices: A Perspective” organized on 27th October, 2017 in Shivaji College.

He has presented the following paper presentation:

- "Direct Coupling: An important mechanism for signal processing of natural systems" at Dynamics Days-XII, Ashoka University, Sonapat, Haryana, India on November 25th, 2017.

He has published the following paper:

- **Thounaojam, U.S. & Shrimali, M.** (2018). Phase flip in relay oscillators via linear augmentation. *Chaos, Solitons and Fractals* 107C: 5-12.

DEPARTMENT OF POLITICAL SCIENCE

The Department of Political Science is committed to enabling its students to develop a reflexive relationship with the political environments that they inhabit. ‘*The Democrats*’, students’ society of the department gives adequate exposure to students by involving them in various activities outside the routine class-room teaching. Undertaking of educational tours and organizing 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 specialize in varied areas of research for academic excellence.

- **Organized Lectures**
 - **Dr. G. Kishore Babu** (Director, World Focus) and **Dr. Bhabani Dikshit** (Managing Director, World Focus) on the Topic: “India at 70: Yet Miles away from a Vibrant Democracy” on August 28, 2017.
 - **Mrs. Nikhil Mohan** (Counselor, Success Mantra) on the topic “Article 35A” on September 15, 2017.
- **Organized a debate competition** on the topic: “India at 70: Yet Miles away from a Vibrant Democracy” on August 28, 2017.
- **Celebrated The UN Day** and a debate competition was organized on the topic: “The UN General Assembly is nothing but a talking Shop” on October 24, 2017.
- **Observed ‘The Constitution Day’ or ‘Samvidhan Diwas’** to spread awareness among the students regarding the importance of the constitution. The Preamble to the Constitution and Fundamental Duties were read out by the students on November 27, 2017

Dr. Alka Mudgal

She has presented the following paper:

- “Surrogate motherhood and violation of human rights: issues and challenges” on March 30, 2017 in National Seminar organized by Motilal Nehru College (Eve.) on Human rights in 21st century India: emerging issues and Challenges.

Dr. Himmat Singh Deora

He has published the following chapter:

- **Deora, H. S.** (2018). “India's relations with the European Union in the 21st Century” in Sangit K. Ragi, Sunil Sondhi and Vidhan Pathak (Eds.), *Imagining India as a Global Power: Prospects and Challenges*, pp. 92-104, Oxon and New York: Routledge.

Mr. Kamal Kumar

He has presented the following papers:

- “Environmental Justice and Forest Legislations: An Indian Perspective ” in 2nd National Conference on “Environmental Concerns of 21st Century: Indian and Global Context” organized by Department of Environmental Studies, Zakir Husain Delhi College (Eve), University of Delhi on March 29-30, 2017.
- “Understanding The Contours of The Global Discourse On Environmental Justice ” in ICSSR Sponsored National Conference on “Human Rights in 21st Century India: Emerging Issues and Challenge” organized by Department of Political Science, Motilal Nehru College (Eve), University of Delhi on March 29-30, 2017.
- “Eu-South Africa Strategic Partnership” in Three Days 57th All India Political Science Conference organized by Indian Political Science Association & Anna Centre for Public Affairs, University of Madras, Chennai (Tamil Nadu) on December 15-17, 2017.
- “Simultaneous Elections: Global Trends & India” in Two Days ICSSR and The Nehru Memorial Museum & Library (NMML) Sponsored National Conference on “One Nation One Election” organized by Rambhau Mhalgi Prabodhini, Knowledge Excellence Centre, Bhayander (West), Thane - 401106, Maharashtra on January 20-21, 2018.

He has published the following chapters:

- **Kumar, K.** (2017). Bhartiya Rajya Ki Prakriti in Biswal, Tapan. eds. *Bhartiya Shasan, Samvaidhanik aur Rajnitik Prakriya*, Delhi: Orient BlackSwan, pp. 23-39.
- **Kumar, K.** (2017). “Bhartiya Rajya Ka Vikasatmak Aayam” in Biswal, Tapan. eds. *Bhartiya Shasan, Samvaidhanik aur Rajnitik Prakriya*, Delhi: Orient BlackSwan, pp. 459-474.
- **Kumar, K.** (2017). “Bhartiya Rajya Ka Kalyankari Aayam” in Biswal, Tapan. eds. *Bhartiya Shasan, Samvaidhanik aur Rajnitik Prakriya*, Delhi: Orient BlackSwan, pp. 475-492.
- **Kumar, K.** (2017). “Sustainable Development versus Big Dams: Resettlement and Rehabilitation of Project Affected People” in Kumar, Sanjay. et al. *Environmental Concerns of 21st Century: Indian and Global Context*, Vol. II, Delhi: Book Age, pp. 260-275.
- **Kumar, K.** (2018). “Ecological Issues: Historical Overview of International Environmental Agreements, Climate Change & Global Commons Debate” in Jindal, Nirmal and Kumar, Kamal. *Global Politics: Issues and Perspectives*. New Delhi: SAGE.

- **Kumar, K & Sharma, B.** (2018) eds. “Global Resistance: Global Social Movements and NGOs” in Jindal, Nirmal and Kumar, Kamal. *Global Politics: Issues and Perspectives*. New Delhi: SAGE.
- **Kumar, K.** (2018) “Postmodern Perspective” in Kumar, Sanjeev. *Understanding Political Theory*. New Delhi: Orient BlackSwan.

He has co-edited the following book:

- Jindal, N. & **Kumar, K.** 2018. *Global Politics: Issues and Perspectives*. New Delhi: SAGE.

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 Sanskrit Grammar, Philosophy, Literature, Culture and Religion, and Indian Epigraphy. It is actively engaged with the The Department of Sanskrit is one of the oldest departments in Shivaji College. 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 faculty’s have specialization in different branches of knowledge such as Dr. Rajneesh in *Vedic literature*, Mr. 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 specialized papers. Sanskrit, being a classical language, attracts few but genuinely interested students.

Departmental activities organized during the academic session 2017-18 were:

- **Organized** Cultural Programme and Sanskrit Sammelan, in association with Shree Hanuman Sanskrit Mahavidyalay, Raghbir Nagar, Delhi on February 11, 2018.
- **Alumni Meet** organized on March 10, 2018

Dr. Rajneesh

He has participated in the following programme:

- Refresher course organized by CPDHE, Delhi University, from June 20- July 11, 2017.

He has published the following paper:

- ‘Vedik Sahitya me Paryavaran Chintan, Sanskrit and Indian Languages in global scenario. 2017. Shivalik Publication, Delhi [ISBN: 978-81-934519-4-6]

Sh. Meghraj Meena

He has participated in the following programme:

- Refresher course organized by CPDHE, Delhi University, from June 20– July 11, 2017.

He has published the following paper:

- “Manastattva ka Swarup, Sanskrit and Indian Languages in global scenario” (2017). Shivalik Publication, Delhi [ISBN: 978-81-934519-4-6].

Dr. Sukhram

He has participated in the following programme:

- Ten days ICT workshop organized by Shree Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth, Delhi, from October 23 – November 02, 2017.

He has published the following paper:

Svar evam Vyanjan : ek Paribhashik Vishleshan, Sanskrit Vangmayi (Sanskrit journal) (2017), Publisher Department of Sanskrit, Lucknow Univrsity, Lucknow.

Dr. Ritu Mishra

She has published the following book:

- Bhardwaj Shrautsutra (Agrayaneshti) (2017), published by Gyanbharti Publications, Delhi, [ISBN: 978-93-85538-23-0]

Ms. Rekha Kumari

She has published the following papers:

- “Agni ke trividh roop” (2017). *International Journal of Multidiciplinary Research and Development*.
- “Bhardwaj Rishi evam unke vanshaja” (2017) *International Journal of Applied Research*
- “Ved Vyakhyaan Parampara” (2017) *International Journal of Academic Research and Development*,
- “Rgvediya Agni Devatak Sukton me Pratipaadit Vaijaanik Tathya” (2017) *International Journal of Hindi Research*
- “Rkpratishaakhya ka Paricaya evam Kaal Nirdharan” (2017) *International Journal of Sanskrit Research Ananta*

DEPARTMENT OF ZOOLOGY

The Department of Zoology is one of the trailblazer departments ever since the inception of Shivaji College in 1961. The tireless efforts of conversant and pioneering faculty members have led the department to attain its academic excellence.

Currently 14 faculty members from varied disciplines of Zoology are ushering the curricular knowledge and developing all-round skills amongst the students by involving them in various research projects and field activities.

DEPARTMENT OF ZOOLOGY

○ Organized

- **One day Symposium** “Oyster 2018” on the theme of ‘Developmental Biology’.
- **Lecture** by **Prof. Shweta Saran**, School of Life Sciences, JNU, New Delhi on “Learning developmental biology through experiments” on February 9, 2018
- **Verve 2017**, an inter-college, Life Science Society academic festival which included talks by eminent speakers, **Prof. Pramod.C. Rath**, School of Life Sciences, JNU, New Delhi on "Enriching and Empowering through Education" & **Prof. Rita Kakkar**, Department of Chemistry, University of Delhi on “ Role Of Nanoparticles” along with students competitive events on April 7, 2017
- **Vivente 2017, Annual Academic Festival** which included talks by eminent speakers Padma shree awardee Prof. R. N. K. Bamzai & dr. Soumya Prasad, School of Life Science, JNU, New Delhi on March 8, 2017.

Dr. Deepika Yadav

She has served as:

- Convenor, Annual Academic festival with lecture series, Vivente, 2017
- Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along with other Science Departments from July 10 -14, 2017 in Shivaji College, University of Delhi.
- Chairperson in 8th International Conference LASACON on November 26, 2017 collaboratively organized by CSIR-IGIB, NIB, JNU & LASA.
- Organizing member, Entrepreneurship development cell National E-submit held during January 11-12, 2018 at Shivaji College.

She has participated in the following programmes:

- Refresher Course in Winter School conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi, from November 28 – December 19, 2017.
- National Symposium and Awareness Programme on Life Style and Reproductive Health Challenges, Daulat Ram College, University of Delhi on March 29, 2017.
- Skill Training Programme in Science Communication, Science Communication, Science Journalism and Scientific Writing, organized by CSEC & CSIR NISCAIR, New Delhi during July 17-21, 2017.
- Awareness Programme on Intellectual Property Rights, organized by Shivaji College in collaboration with DIPP IPR CHAIR & Centre for Science Education and communication on September 26, 2017.

- Best of American Diabetes Association, India, 2017 held on October 4-5, 2017.
- Faculty Development program on Research Based Pedagogical Tools organized by DDUC, University of Delhi, on November 3, 2017
- SPEEDCON 2018, Practical Endocrinology: Translating Evidence to Practice organized by Society for Promotion of Education in Endocrinology & Diabetes held on February 10&11, 2018.
- 11th Symposium on Frontiers in Biomedical Research, Challenges In Human Health: Prevention, Diagnosis and Cure organized by ACBR during February 19-21, 2018.

She has presented the following papers/posters:

- “Syndrome X: A Peril To Human Health”, during Global Cardio Diabetes Conclave Chennai 2017 held on September 29–October 1, 2017.
- ‘Prevalence and Correlates of Infertility Among Young Population, in National Symposium and Awareness program on, “Lifestyle and Reproductive Health Challenges”, organized by Daulat Ram College, University of Delhi on March 29, 2017.
- ‘Zoo therapeutics: A Traditional and Modern Interface” in 11th Symposium on Frontiers in Biomedical Research, Challenges In Human Health: Prevention, Diagnosis and Cure organized by ACBR during February 19-21, 2018.

She has published/co-published the following papers:

- *M. Yadav, D. Yadav et al. (2017). Ludwig’s Angina - A Call for Urgent and Comprehensive Intervention. International Journal of Current Research. 9(10): 59138-59139.*
- *M. Yadav, D. Yadav et al. (2017). Spectrum of ENT Emergencies at a Tertiary Care India. Journal of Medical Science and Clinical Research. 05(11): 29833-29837.*

She has published the following chapters:

- **Yadav, D.** (2017). “Right of Assisted Reproduction vis-à-vis ethical concerns”, in book Reproductive Health In India: Concerns And Awareness. (Editors: Baweja V; Mishra R.) Enriched Publication Pvt. Ltd. pp. 105-120 [ISBN: 978-8-19346-343-7]

She has received the following awards/honors:

- Certificate of Excellence award for winning the Poster Presentation on, “Syndrome X: A Peril to Human Health”, during Global Cardio Diabetes Conclave Chennai 2017 held on September 29–October 1, 2017.
- Second prize in for poster presentation on ‘Prevalence and Correlates of Infertility Among Young Population, in National Symposium and Awareness program on “Lifestyle and Reproductive Health Challenges”, organized by Daulat Ram College, University of Delhi on March 29, 2017.

Ms. Nimita Kant

She has served as:

- Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along with other Science Departments from July 10-14, 2017 in Shivaji College, University of Delhi.

She has participated in the following programme:

- INSCR International Conference 2017 on “Role of Microbe-Plant-Animal Interactions in Human Health” from September 26-28, 2017.

She has published the following paper:

- **Kant, N.**, Kulshrestha, P., Singh, R., Mal,A., Kumar, S., Tehlan,M., Dwivedi,A., Mehra, R., Ahuja,R., Kaushik, S. &Ahmed,P.(2018). Prevalence of Brucellosis and awareness of its spread; *DU journal of Undergraduate Research and Innovations*. 3(1):43-49.

Mr. Manish Kumar Sachdeva

He has served as:

- Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along with other Science Departments from July 10-14, 2017 in Shivaji College, University of Delhi.

He has been elected as Secretary, Alumni Society of Swami Shradhanand College.

Dr. Aeshna Nigam

She has served as:

- Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along with other Science Departments from July 10-14, 2017 in Shivaji College, University of Delhi.
- Member, American Society for Microbiology
- Member, Association of Microbiologists of India

She has participated in the following programme:

- INSCR International Conference 2017 on “Role of Microbe-Plant-Animal Interactions in Human Health” from September 26-28, 2017.

Dr. Parul Kulshreshtha

She has served as:

- Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along

with other Science Departments from July 10-14, 2017 in Shivaji College, University of Delhi.

She has published the following paper:

- Kant, N., **Kulshrestha, P.**, Singh, R., Mal, A., Kumar, S., Tehlan, M., Dwivedi, A., Mehra, R., Ahuja, R., Kaushik, S. & Ahmed, P. (2018). Prevalence of Brucellosis and awareness of its spread; *DU journal of Undergraduate Research and Innovations*. 3(1):43-49.

Dr. Jitendra Kumar Chaudhary

He has served as:

- Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants / Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along with other Science Departments from July 10-14, 2017 in Shivaji College, University of Delhi.

He has published the following papers:

- **Chaudhary, J.K.** & Rath, P.C. (2017). Microgrooved-surface topography enhances cellular division and proliferation of mouse bone marrow-derived mesenchymal stem cells. *PLoS ONE*. 12(8):e0182128.
- **Chaudhary, J.K.** & Rath, P.C. (2017). A simple method for isolation, propagation, characterization and differentiation of adult mouse bone marrow-derived multipotent mesenchymal stem cells. *Journal of Cell Science & Therapy*. 8:261.

Dr. Ankita Dua

She has co-authored the following paper:

- Malik, D., Thakur, J., **Dua, A.** & Aggarwal, J. (2017). Estimation of blood glucose, serum calcium and Blood pressure on measures of risks of lifestyle disorders in young Adults. *International Journal of Biotechnology and Biomedical Science*, 2(3): 253-255

She has participated in the following programme:

- INSCR International Conference 2017 on “Role of Microbe-Plant-Animal Interactions in Human Health” from September 26-28, 2017

Dr. Rashmi Singh

She has co-authored the following papers:

- Singh, A. & **Singh, R.** (2018). Study of cypermethrin induced puff in *Sarcophaga ruficornis* (Fab.) (Sarcophagidae: Diptera). *International Journal of Pharma & Biosciences*. 9(1): 77-82.
- Kant, N., Kulshrestha, P., **Singh, R.**, Mal, A., Kumar, S., Tehlan, M., Dwivedi, A., Mehra, R., Ahuja, R., Kaushik, S. & Ahmed, P. (2018). Prevalence of Brucellosis and awareness of its spread; *DU journal of Undergraduate Research and Innovations*. 3(1):43-49.

She has participated in the following programme:

- INSCR International Conference 2017 on “Role of Microbe-Plant-Animal Interactions in Human Health” from September 26-28, 2017

Dr. Neetu Singh

She has served as:

- Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along with other Science Departments from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Anil Meena

He has served as:

- Resource person, “3rd Lab Skill Training Workshop for Laboratory Attendants /Assistants of Chemical and Life Sciences” under Internal Quality Assurance Cell (IQAC) along with other Science Departments from July 10-14, 2017 in Shivaji College, University of Delhi.

Dr. Anil Kumar

He has published the following paper:

- Tomar, V., Chaudhary K., Yadava, P.K., and **Kumar, A.** (2017). Exploring Molecular Pathways Significantly Associated with Breast Cancer Metastasis. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 8(3): 1309-1323

Dr. Babita Sharma

She has co-authored the following paper:

- Krout, D., Pramod, A. B., Dahal, R. A., Tomlinson, M. J., **Sharma, B.**, Foster, J. D., Zou, M. F., Boatang, C., Newman, A. H., Lever, J. R., Vaughan, R. A. & Henry, L. K. (2017). Inhibitor mechanisms in the S1 binding site of the dopamine transporter defined by multi-site molecular tethering of photoactive cocaine analogs. *Biochemical Pharmacology*. 142: 204-215.

ACTIVITIES OF COMMITTEES

ANTI - RAGGING COMMITTEE AND ANTI - RAGGING SQUAD

Shivaji College is a ragging-free institute of higher education. Anti-ragging committee is taking all necessary measures to prevent ragging since the start of the new session. Regular surprise visits are performed by the committee members in different areas of the College. Electronic surveillance ensures vigilance of the student activities in the campus. Posters, pamphlets and hoardings are installed at major locations conveying the telephone number of convener of the anti-ragging committee. The complaint facility is also provided to the students. Delhi Police is giving intensive support to accomplish the above mentioned objectives. **This year holds a record for zero ragging complaint.**

CULTURAL COMMITTEE AND THE SOCIETIES UNDER ITS AEGIS:

The Cultural Committee organized several programmes in the College for the staff and students:

- An **Orientation Programme** was organized on July 20, 2017 to orient freshers about the systems and functioning of the college and to motivate them to make the best use of their undergraduate period. Students and their guardians were present in a sizeable number and the programme culminated with music and dance performances.
- **Dictum** organized its annual **Shivaji Bhonsle Parliamentary Debate Competition** (Hindi) and a **Conventional Debate Competition** (English) from September 16 -18, 2017. The event witnessed high quality debating in both formats and massive participation.
- **Vibgyor** organized its annual festival, **ACRYLICA 2.0** on September 20, 2017 comprising a workshop on **Digital Painting** by **Senior Cartoonist of Hindustan Times, Mr. Abhimanyu Sinha**. 50 students participated from different colleges and 200 students took part in both offline and online competitions.
- **Shutterbugs** organized **CINEDROME 2017**, its annual **Film Making and Photography Festival** on October 13, 2017. It included a workshop on **Travel Photography** conducted by **Mr. Bobby Roy** as well as competitions for Photography, Film Making and Script Writing.
- In celebration of Indian Classical Music and Dance, the college organized performances by **Pandit Rajan & Sajan Mishra**, who sang **Khayal gayaki** and **Vidushi Sharon Lowen** who performed **Oddisi nritya**. The programme was held on September 25, 2017 in collaboration with **SPIC MACAY**.
- The Cultural Committee organized **VIBRATIONS 2018**, the Annual Cultural Festival of the College, on February 15-16, 2018. Students from many institutions participated enthusiastically in various competitive events organized by the seven societies. A **DJ Evening** was held on the first evening and the finale of the festival showcased a grand performance by the famous Bollywood artist, **Shahid Mallya**.

Students have so far won 136 prizes in various intra and inter- state competitive events:

Name of Society	Ist Position	IInd Position	IIInd Position	Any other
Bizarre	4	4	0	4
Dictum	24	7	5	11
Footloose	3	4	3	14
Reverb	5	4	3	5
Shutterbugs	10	3	3	0
Vayam	0	1	0	1
Vibgyor	8	9	4	1
Total	54	32	18	36
Grand Total	140			

COLLEGE DEVELOPMENT COMMITTEE

College Development Committee is engaged in major and minor work related to the growth of the College. The following activities were done by the college development committee:

- Fixing/repairing the stone slabs on the benches and margin walls of the college campus
- Construction of stage for students practice for various activities
- Fixing of manhole covers in college and residential complex
- Signing of annual maintenance contracts for computers, overhead projectors, air conditioners and water coolers
- Renewal of annual contracts for security and janitorial services in the college
- Construction of roof in girls NCC room which was in a precarious condition
- Spray painting of steel chairs used by students
- Repairing of floors in bamboo rooms
- Varnishing in bamboo rooms
- Roof-repairing in three rooms with leakage problem

ECO CLUB

Eco club of Shivaji College promises to empower students, to participate and take up meaningful environmental activities and projects. It is a forum through which students can reach out to influence, engage their parents and neighborhood communities to promote sound environmental behavior. It provides opportunity for students to explore environmental concepts and actions beyond the confines of a syllabus or curriculum. While everyone, everywhere, asserts the importance of ‘learning to live sustainably,’ environment remains a peripheral issue in

the formal learning system. At Shivaji College, Eco Club is not just an extracurricular activity but is made a priority subject in the curriculum.

The Eco club runs in co-ordination with the Department of Environment, Govt. of NCT of Delhi. The Eco club has organized various activities to sensitize the students on environmental issues, environment conservation, sustainable utilization of natural resources and their management:

- **Vermi-composting Unit:** Our society is engaged in producing vermin-compost from organic waste. The compost is made using earthworms, cow dung *etc.* The vermin-composting unit produces excellent quality of compost which is used in college lawns and also distributed free of cost among teaching, non-teaching staff and students.
- **Paper Recycling Unit:** Our Society manages and collects waste paper generated from college and converts it into recycled paper for reuse in laboratories and for encouraging entrepreneurship using the same.
- Eco Club organized “**Pledge to Plant, Adopt & Protect a Tree Campaign**”. The motive of the campaign was to sensitize the students and teachers alike for the protection of plants and also to motivate them to participate in afforestation programmes so as to protect Mother Earth from pollution, climate change and global warming.
- Eco Club celebrated World Ozone Day eve on September 15, 2017. The event was highlighted by a talk on “**Stratospheric and Ground-level Ozone**” by an eminent speaker from Central Pollution Control Board (CPCB) followed by screening of a documentary on “Ozone layer and its Story” and various students’ competitive events.

ENTREPRENEURSHIP DEVELOPMENT CELL

The Entrepreneurship Development Cell, Shivaji College was launched in 2017 with the aim of equipping the students with the required skills and motivation to become ‘**Job creators**’ rather than ‘**Job Seekers**’.

The first year of the launch of the Cell was marked with a number of events and activities that saw an enthusiastic response from the students:

- An **Orientation Program** was organized on August 17, 2017 which had interactive and motivating sessions by our guest speakers, Dr. S. Lakshmi Devi, Director, Centre for Entrepreneurship and Career Oriented Programs, University of Delhi and Professor S. K. Palhan, founder Director, Great Lakes Institute of Management and Advisor, Indus Quality Foundation
- A **B-Plan competition** was organized in September, 2017. In this Competition, budding entrepreneurs from different streams of the College presented business plans on which they could bet their all. They took on challenging questions from judges and audience with commendable conviction and confidence thereby inspiring others to think likewise
- The Cell collaborated with the Eco Club of the College and brought the **Paper Recycling Unit** to a new life. The students were trained for the production of recycled paper and the sheets produced were used in the science laboratories of the College. This not only gives

them a hands-on-training to handle a production process, but also inculcates a sense of team spirit and responsibility to meet targets

- The Cell collaborated with Wadhvani Foundation, an internationally acclaimed organization for the development of entrepreneurial skills. Two Faculty members, Ms. Urvashi Sahitya, Department of Business Economics and Ms. Shweta, Department of Commerce were trained under **Entrepreneurship Educators Program** organized by the **National Entrepreneurship Network (NEN)**. The Cell has launched the NEN curriculum in the College under which classes are held on a weekly basis and the enrolled students are mentored and imparted entrepreneurial skills by the trained faculty members of the College.
- A two-day **National Entrepreneurial Summit** was organized on January 11-12, 2018. This mega event was a rendezvous of motivated students, aspiring entrepreneurs, CEOs as well as established professionals. It consisted of guest lectures, workshops, panel discussions and competitions to recognize and reward the spirit of entrepreneurship.

The Summit was inaugurated by **Dr. Omkar Rai**, Director General, Software Technology Parks of India (STPI), Ministry of Electronics and Information Technology, Government of India and **Sh. Rajiv Chawla**, Chairman, Integrated Association of Micro, Small & Medium Enterprises of India (IamSME of India)

Panel discussion was organized following the inaugural session, which was marked by esteemed Panelists:

Ms. Kanta Singh, State Project Head, UNDP

Sh. Vipin Bhogal, Consultant, Industries

Mr. Sumeet Kapur, Co- founder, Nearby

Mr. Aashutosh Bhardvaj, Founder and CEO, Techie Amigos

Mr. Sunny Garg, CEO and co- founder, Yourshell

A **Business Plan Competition** was also organized which received participation from various Colleges of Delhi and India

In the post lunch session, a challenging competition called “**E Roadies-Defend your ideas**” was conducted at national level for young aspiring entrepreneurs to test their grit and guts.

On day two, an **Entrepreneurship Workshop** was conducted to equip the registered participants with practical essential skills like writing a business plan, estimating costs and revenues, understanding markets and most importantly setting up viable goals for a start-up.

ENACTUS

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. Our mission is to provide an

impetus to students in the area of management training, education and research; to build, expand and reinforce the required managerial skills to excel in the area of globalization and competition.

- Enactus Shivaji commemorated the festivity of 'Teej' celebration in the form of a joyous Mela held in the month of July, 2017.

- **Project Bandhani:**

'BANDHANI' is the captivating name given to the ongoing latest project under the management of Enactus Shivaji. Our team is dedicated towards aspiring entrepreneurship, generating employment opportunities and transforming communities and that's what Project Bandhani steps forward to accomplish. It aims to empower women and make them self-sufficient.

- Enactus Shivaji organized its Diwali Mela 2017 "SWASTIK" on October 13, 2017. It was a day filled with celebration and the positive vibes of festivity. The team of Enactus scheduled the launch of the latest products under 'Project Bandhani' the very same day.

- **Book Campaign:**

"Education is the passport to the future, for tomorrow belongs to those who prepare for it today."

With the stated aim and purpose, Enactus Shivaji initiated a book collection drive; under which diversified valuable books were invited upon to be donated from the students and faculty of Shivaji College. The campaign team of Enactus Shivaji was the sole assembler of the given books which was then successfully distributed to the students of 'Hope Foundation' (Dilshad Garden) and 'The Bal Seva Orphanage' (Uttam Nagar).

EQUAL OPPORTUNITY CELL

Equal Opportunity Cell (EOC) of Shivaji College is especially designed to cater to the needs and grievances of students with disabilities. It sincerely strives to inculcate in them confidence, social and moral values and ethics, and seeks to provide equal opportunity to participate in academic and extracurricular activities.

In the academic session 2017-18, EOC gained recognition on inter-college and inter-university levels. The teachers (committee members) of EOC have been conducting meetings fortnightly to resolve different issues and challenges faced by our students. PWD students were provided with a Daisy Player (reader) and a laptop, so that they could excel in their academic career. Braille books are also provided in our library for students with visual impairment.

- The Equal Opportunity Cell of Shivaji College organized its one-day open Annual Fest, 'Effervescence' on January 24, 2018 in the college auditorium with great fervor.

The Chief Guest and Keynote Speaker for the occasion was Santosh Kumar Rungta, Senior Lawyer, Supreme Court of India and Disability Activist. He deliberated upon the topic of great relevance for our students "Career Options for Students with Disability".

Bipin Kumar Tiwary, Officer on Special Duty and Faculty in the Department of Political Science was invited as the Guest of Honor. He also addressed and encouraged our students.

Exciting competitions for students with disabilities were the focal points of this programme. More than 80 students from different Universities and colleges such as Jawaharlal Nehru University, Jamia Millia and different colleges of University of Delhi participated in the programme. Two competitions, namely, Debate and Talent Hunt were organized on this occasion. Prizes worth Rs. 3,000, Rs. 2000, and Rs. 1000 were awarded to students securing first, second and third positions respectively in each competition. Besides, two consolation prizes of Rs. 500 for each competition were also given to students securing fourth and fifth positions.

- ‘Inclusion’ is the main motto of EOC. We try to include our PWD students in the mainstream activities, for they are an integral part of our society. To meet this purpose, two sport events (50 m race and discus throw) were organized for students with disabilities on the occasion of Annual Sports Day on February 21,, 2017. Many PWD students participated in the events.

GARDEN COMMITTEE

As per tradition, garden committee of Shivaji college celebrated ‘Vanmahotsav’- A plantation drive for planting ‘Rudraksha’ saplings on Teacher’s day, September 5, 2017. Mrs. Sarita Jindal, MCD Councilor, Vikas Puri was invited as the Chief Guest. Even faculty members, non-teaching staff and students planted saplings of medicinal plants.

HERBAL GARDEN

Shivaji College has set up one of the best herbal gardens in the University of Delhi for the promotion and conservation of the herbal wealth. It has a collection of more than 40 medicinal herbs and shrubs endowed with enormous medicinal properties. Brahmi, Giloy, Ashwagandha, Isabgol, Ghritkumari, Imli, Aak, Ajwain, Madhunashini, Harshingar, Tulsi etc are some of the medicinal plants growing in it. The plants are properly labeled with their scientific/common names along with their medicinal use. A great effort with high spirit was put in by the students of Botany Department to collect the valuable local medicinal plant and to ensure to grow them in the college by developing a herbal garden in 2014. The objective was to popularize the usefulness of commonly available and frequently used herbal plants and to conserve the associated traditional knowledge for future generations. Since then the college Garden Committee has maintained seasonal medicinal herbs in it.

As a step towards popularizing the health benefits of the locally available medicinal plants, these plants sourced from the herbal garden were presented to all the eminent people that graced the academic fests organized by various Departments of the College.

LEADERS FOR TOMORROW

‘Leaders for Tomorrow’ (LFT) unit of Shivaji College is a group of volunteers, igniting social consciousness among youth. Social Development Programmes are conducted to train and create "LEADERS FOR TOMORROW"!

Various events were organized by the society during the academic session 2017-18:

- A plantation drive - **ADAPT (*Adopt a plant*)** was organized in College campus, on October 16, 2017. The volunteers planted more than 50 saplings.
- A Collection Drive was held from October 30, 2017 to November 11, 2017. A collection desk was set up by the LFT volunteers in college premises to collect clothes, books etc.
- Visit for Compassion were organized on November, 2017 and November 14, 2017 to distribute donated material to under privileged children staying at Rajouri Garden Ren Basera
- A Blood Donation Camp was organized in collaboration with Lions Blood Bank on January 16, 2018. Almost 80 students voluntarily donated blood
- **Shramdaan** - dedicating a day of labor to someone in need - was held on February 18, 2018. 50 volunteers went to Bal Sahyog, a Social Welfare Organization at Connaught Place.
- A cleanliness drive was organized at Shivaji Enclave on February 27, 2018. More than 60 students volunteered for the cause. Students interacted with local people to spread awareness.
- **Serving Happiness** - LFT volunteers distributed sweets to underprivileged people residing at Kirti Nagar, Moti Nagar, Rajouri Garden Metro stations during the festivals of Diwali and Holi.
- Online debates on current issues were regularly organized to understand and discuss relevant problems and issues.

FEE CONCESSION COMMITTEE

The Fee concession committee is working for financial assistance to the needy students of the college. Its objective is to make students aware about the different financial assistance/scholarships provided by the Govt. and Non-Govt. Organisations (NGOs). Many students have availed financial assistance from these organisations during the financial year 2017-18.

18 students of the college got Rs. 2,85,550 from the World Brotherhood Organisation through active participation of the Fee Concession committee.

Moreover, the College itself provides financial assistance to the needy students. Now the College is going to distribute more than Rs. 10,50,000/- among the 300+ selected students as fee concession.

LIBRARY COMMITTEE

In the academic year 2017-18, the fully computerized library subscribed to 27 newspapers and 21 magazines. 1200 books were added in this session. The library extended the closing timing from 5:30 p.m. to 7:00 p.m. to help students in their academic pursuits.

- The library committee organized a literary festival on September 21, 2017 titled **Rubaru**, a face-to-face interaction with famous authors Ms. Nasera Sharma and Ms. Rakhshanda

Jalil. The event was concluded with inter-college competition of prose-poetry and book review competition.

NATIONAL CADET CORPS (NCC)

The NCC of Shivaji College has been active throughout the year:

- 55 cadets of Boys Division and 22 cadets of Girls Wing participated in various National Camps including Cdt. Abhijeet of Boys Division and Cdt. Sonia Malik of Girls Wing who attended Republic Day Camp.
- Cdt Sonia Malik also participated in All India Guard of Honour at Republic Day Camp.
- Cdt Rahul Juyal participated in Thal Sainik Camp.
- In Boys Division 39 cadets appeared for Certificate B Exam and 36 cadets appeared for certificate C Exam.
- In Girls Wing 38 cadets appeared for Certificate B Exam and 17 cadets appeared for certificate C Exam.

They organized and participated in the following activities:

- **Traffic rules and road safety awareness drive** was conducted on April 7, 2017.
- A rally on **water conservation** was organized on April 23, 2017.
- The cadets participated in '**International Yoga Day**' celebrated at Raj Path On June 21, 2017.
- A **Tree Plantation Drive** was organized in college campus to mark the Independence Day Celebrations.
- Under **Swachhata Pakhwada**, a rally was conducted near college area to create awareness among people about cleanliness and its benefits on September 15, 2017. On this occasion a Poster Making Competition was held on the topic 'Swachhata hi Sewa'. The cadets pledged to maintain cleanliness.
- Several Cleanliness Drives were organized. A Cleanliness Drive was conducted, under which cadets cleaned the boundary wall of the college which was defaced during DUSU election. The whole event was covered by media of DD news. (<https://youtu.be/DFsP7OqO2wE>). Another one was held on September 27, 2017 within the college campus.
- Many cadets also won prizes in Inter-College competitions held at various colleges.

NATIONAL SERVICE SCHEME (NSS)

Popularly known as NSS, the National Service Scheme was launched in Gandhiji's Centenary year, 1969 and aimed at developing student's personality through community service. NSS is a voluntary association of young people in Colleges, Universities and at +2 level working for a campus-community linkage.

The cardinal principle of the NSS programme is that “it is organized by the students themselves, and both students and teachers through their combined participation in community service get a sense of involvement in the tasks of nation building”.

‘NSS Motto’

The motto or watchword of the National Service Scheme is 'NOT ME BUT YOU'. This reflects the essence of democratic living and upholds the need for selfless service and appreciation of the other person's point of view and also to show consideration for fellow human beings. It underlines that the welfare of an individual is ultimately dependent on the welfare of society on the whole. Therefore, it should be the aim of the NSS to demonstrate this motto in its day-to-day programme.

Activities organized by NSS:

- **International Yoga Day** was organized on June 21, 2017. Students along with teachers participated enthusiastically and learnt the basics of thrilling, exciting and ancient Indian Science-The Science of Yoga, on the occasion of the 3rd International Yoga Day, on June 21, 2017 at 8am at Shivaji college lawns.
- **Cleanliness Drive I:** Volunteers cleaned the footpaths and walls around the college. They were provided with proper equipment such as hand gloves, face masks, *etc* to maintain their hygiene level. All the garbage was collected in garbage bags and was thrown in dustbins.
- **Pehal: Ek Prayaas**
 - **Pehal:** Ek Prayaas is a "pehal" taken by our NSS volunteers having two hours daily for providing better quality education for under privileged children of Raghubir Nagar (slum area). The children came to Shivaji College in two slots (morning and evening). The students came five days a week and were taught Science, Math, English, Hindi, Social Science, G.K with extracurricular activities also. The intention of NSS is to enrich the experience of these underprivileged children and develop spirit towards education.
 - Refreshments were provided after every session, which included rice, biscuits, fruits and chocolates. The campaign was part of the NSS fest and ended on the day of the fest. The zealous volunteers of NSS worked with the kids with full dedication.
 - The NSS **Orientation programme** was held at Shivaji College on August 23, 2017. The programme was aimed to welcome the NSS freshers and to project its wonderful work of last year. The programme had two very influential speakers who motivated and created an awareness among the students – Cpt. Manju Minhas, Senior Project Manager at Chintan (Environmental Research and Action Group) and Mr. Ravi Kalra (Founder and Presiden, The Earth Saviors Foundation). Overall it was a very enlightening session that threw light on how the society needs immediate attention.
 - NSS Shivaji organized an ‘**Awareness campaign against use of plastic**’ with a massive rally of around 200 students on September 6, 2017. The enthusiastic and

dedicated students marched on shouting slogans and holding placards to create awareness about the effects of plastic on the environment. The rally was successful in its aim gaining appraisals from everyone.

- A **street play on the awareness of ill-effects of alcoholism** was conducted by NSS-Shivaji college at Raghbir Nagar on September 18, 2017. Volunteers from NSS marched on to Raghbir Nagar along with teachers which attracted a lot of people to ask about the event. As the play started, it gathered attention from people who lived there and they were able to connect with the similar situation. The children and women showed enthusiasm as the play proceeded and at the end there were requests by different people to perform the play in some areas nearby to make people aware on the ill effects of alcohol.
- Shivaji College has extended the best support to the campaign “**Rally for Rivers**”. Sadhguru, founder of the ISHA Foundation, decided to take a step forward to tackle the situation of water depletion, so he came up with an idea, i. e. RALLY FOR RIVERS. In this campaign, a nationwide plantation drive is being organized, in which they ask people to plant trees in a range of 1km area adjoining our main rivers. The NSS volunteers worked really hard to raise awareness and deliver this message to as many people as possible on September 24, 2017. To achieve this aim, the students first circulated the posters and requested people on social media to give a missed call on 8000980009; they then campaigned in the college and had a one-on-one interaction with people.
- To throw some light on the issue of “old age and old age homes”, National Service Scheme, Shivaji College organized a **screening of the Bengali documentary "Solitary Soul"** on September 26, 2017 followed by an interactive session with the Movie director Mr. Sourav Sarkar. He discussed various factors due to which the old were not able to live with their kids and how the concept of old age homes is still seen as a negative in the society. There came several questions on how this new concept of old age care centers instead of old age homes could be a better option as it would not lead the children of the willing with a sense of guilt. He encouraged students to do their bit for the old by helping them or visiting old age homes sometimes to give support and love to the people there. The event was organized under NSS teacher and Event Convener Ms. Shweta's supervision.
- A cleanliness drive was organized on September 29, 2017 in Shivaji College, New Delhi by the NSS team. The students and teachers took a pledge to devote 100 hours to clean the environment. About 20 NSS volunteers cleaned the college campus. Students were divided into two teams. One team took the responsibility to clean the front wall and area of the college. There were posters pasted during student's elections. Our NSS volunteers cleaned the wall and front area of the college. The second team cleaned the backside area near college canteen. The garbage was then collected and disposed off. The students and teachers took part in this cleanliness drive with full enthusiasm.
- ‘I am an informed voter #JetSetVote’. An event to raise awareness among the youth about voting was organized by the Chief Election Officer, Delhi on **October 13, 2017**. This was an interactive session where a puzzle was conducted with questions related to voting such as: Why and whom we are voting?, Who can Vote?, Documents required,

etc. They told that every voter must be aware whom he/she is voting and about their background and qualifications. Students were given important information like if you are shifting to another state, a form is to be filled for correction in your voter ID. We were enlightened about the process of voting and our role in it due to this event.

- The rally was organized by the NSS Team of Shivaji College for the awareness about harmful effect that plastic has on our environment on January 15, 2018 called **C.Y.O.W.B- Carry Your Own Water Bottle**. The volunteers of NSS joined their hands together with the help of teachers to make this rally successful. Posters were a major instrument used to spread the message to public. Volunteers carried their own steel bottles to portray their service and role towards the environment. The rally started from the college went to main Rajouri market and back. The volunteers were full of zeal and raised strong slogans about the plastic. The message was well-conveyed to the public.
- In the world of destitute, some privileged people visited "Apna Ghar" on January 23, 2018. Apna Ghar NGO is an abode for the homeless, the helpless and impoverished, or victims of depression. The place was very neat and clean and served around 200 prabhujis, many of whom were physically challenged or were suffering from depression. Further a form of spa where every prabhujis enjoyed the treatment every 15 days was seen. The visit proved to be fruitful and inspirational. One of the volunteers, Harsh, even helped one such needy person by waiting for two hours for the car of "Apna Ghar" to arrive. Again on January 27, 2018 Anuj helped another "Prabhujis" at Hapur railway station to find a home.
- On the account of **National Voters Day** on January 25, 2018 the students and teachers took a pledge promising that we, the youth of today will be responsible voters and citizens of country. We will do our best to make our country proud. The principal and students took a keen interest and showed enthusiasm to make our country a better country.
- Post card campaign was undertaken with an aim of targeting shopkeepers and householders in Rajouri Garden on February 13, 2018. The postcards poetically spoke of the need and necessity to control the use of plastic. The campaign received a great variety of responses

NORTH EAST COMMITTEE

The North-East Students Counseling Cell organized an interaction on August 5, 2017 primarily for new students. The programme was attended by 25 students who brought forth their doubts and grievances related to academics, socio-cultural adjustment concerns and difficulties. This initiative, albeit on a small scale, has been very helpful both to students and teachers from the Northeast by providing a forum to discuss and find solutions to their problems.

PLACEMENT CELL

Placement Cell of Shivaji College successfully organized various placement drives, internship drives and workshops during the session 2017-18:

- High profile companies namely Genpact and Royal Bank of Scotland visited the campus for recruitments in the month of January 2018 while Global Arcus and Concentrix visited campus in the month of February 2018. Together these companies provided more than 100 placement offers to final year students.

Besides lucrative placement opportunities, the Cell ensured that all the students of College get numerous internship opportunities as well:

- IDBI Federal visited College in November, 2017 and offered winter internships to 21 students during its campus drive.
- The Cell also organized its first edition of Internship Fair “**The Internship Express**” on February 13, 2018, which witnessed wide participation from students across all disciplines. The companies that visited the campus were Prime Time Media, Outlook, Edumentor, Ozock, The Rising Bharat, Yourshell, Med Tour Easy, Career Marshal, Rupee Maker, Upay, Womenite, Glocar, Eat My News, Inkpot, DCOP and Edwards. More than 200 students appeared to grab internships during this one-day event and they were offered a variety of work profiles ranging from content writing, photography, video journalism, web development and graphic designing to marketing, event management, Sales, HR along with numerous other profiles. About 400 sessions of interviews took place in which approximately 200 interviews were successful. The internships offered were both paid and unpaid. However, the highest stipend offered was Rs.12,000. Students were selected for either direct internship or subsequent off-campus rounds while some final year students grabbed the pre-placement offer from selected companies. Majority of the final year students who appeared for internship got a pre-placement offer.
- Apart from placement and internship drives, Placement Cell conducted two workshops in the month of August and September, 2017. Vision IAS and IMS conducted the workshops on civil services and skill enhancement respectively. A seminar regarding Teach for India Fellowship Programme was also conducted in February 2018.
- A new software- Calyxpod was introduced this year that helped the students to register for drives and receive information on various activities conducted by the Placement Cell. The software helped students in drafting standard resumes as well.
- Many good companies like Naukri.com, Edumentor, IBM etc. are scheduled to visit campus for placements/ internships in March and April 2018.

SPADE

Society for Practical Applications and Development of Economics, acronym SPADE was accredited as the first Socio-Economic Society of Shivaji College in April, 2017.

- During the academic year 2017-18, SPADE organized a Policy Dialogue Session on October 26th, 2017. The speaker for the session was Mr. Barun Mitra, Founder and Director, Liberty Institute who enlightened the audience on the topic “Economic Freedom and Liberalism”.
- Another event organized by SPADE was its one-day festival, Annual Consortium for Excellence acronym ACE of SPADE held on February 20, 2018. The annual festival

included the launch of society's book, "*Arthmanthan*" which highlighted latest socio-economic issues. On the same day, "*The Dark Seed*" a documentary was screened which presented the views of farmers and esteemed personalities namely, Prof. Deepak Pental, Shri. Sompal Shastri and Ms. Suman Sahai. Shri. Sompal Shastri shared his documentary's experience with the students on the day of festival after the screening. The Chief Guest and the Keynote Speaker of the festival were Mr. Pranav Kumar, Head International Trade and Policy, Confederation of Indian Industry.

The society on a regular basis organizes group discussions, talk sessions and presentation sessions for its members with a motive to redefine the preconceived notions on various socio-economic topics.

STUDENT ADVISORY COMMITTEE

- The committee organized an open house on September 8, 2017 to apprise the students about election process. The contestants presented their manifesto and interacted with other students
- The student union election was held on September 12, 2017 and a duly elected union was constituted. A freshers' party was organized by the union in the month of October.
- The union took active part in the cultural festival held in February, 2018.

WEBSITE COMMITTEE

The website committee maintains the College website www.shivajicollege.ac.in. Important notifications and circulars are regularly uploaded on the website. The website committee is in the process of adding monthly E-newsletter module, that will provide a glimpse of various events and activities taking place in the College on a monthly basis. The committee also renewed the website domain for a period of 5 years.

WOMEN DEVELOPMENT COMMITTEE

The Women's Development Cell, Shivaji College, organized a number of activities in the academic year 2017-18, in keeping with its objective of gender sensitization:

- Services of Dr. Kushal Kaushik, Counselor were made available for all students for two hours each on Monday and Friday every week. This exercise saw very good response from students, many of whom consulted her at length and benefited from it.
- Women's Development Cell in association with **Safe city and She The People TV** organized a **Legal Round table** on August 24, 2017. The expert panel consisted of Ms. Ritu Priya, Program Manager with Hanns Siedel Foundation, Ms. Bhani Rachel Bali, creator and founder of KrantiKālī, a multi-platform gender innovation lab working for the gender revolution. Mr. Manu Yadav, Advocate, Supreme Court of India. The discussion focused on how to reconcile IPC law for sexual violence with gender neutral UGC guidelines. The role of social media was highlighted, how it can act as a tool to combat lack of awareness of sexual harassment laws in society. Students were sensitized

as to how institutions can support students facing any form of sexual violence at college campus.

- WDC organized a **workshop entitled ‘Gender and Media: From Margins to Mainstream’** on September 19, 2017 in collaboration with Breakthrough and Alliance India. Ms. Simran Sheikh, representing the third gender and with expertise in a range of disciplines including HIV, sexual & reproductive health, human rights, resource mobilisation, enlightened the students with her words. She engrossed the audience in her interactive session, starting with a question – “Who am I?” Pointing towards the society and their acceptance of the ‘other gender’, she said that they can call her ‘A woman with a Man’s voice’, and also said, “Just because I am wearing a sari does not mean I am a woman.” The other guests, Mr. Pavel Sagolsem and Ms. Priyanka Sinha from Breakthrough, enlightened the students about the role of media in gender discrimination in India.
- WDC, celebrated the **International Day for The Girl Child** on October 11, 2017 by organizing a diverse palette of events under '**Khwabeeda**'. The event saw numerous inter-college competitive events like slam Poetry, Slogan Writing and Poster Making. The Slam Poetry Competition based on the theme 'Women' was the main highlight. It witnessed as many as 30 enthusiastic participants from various colleges. The competition was followed by a Movie screening of **Girl Rising**. It instilled a spirit to challenge conventions and redefine the very concept of women empowerment.
- Women’s Development Cell organized its annual **Gender Fair** on January 30 & 31, 2018 in collaboration with UN Women on the theme '**Redefining Womanhood- Inspire, Empower, Act!**'. The aim of this fair was to address the sensitive issues concerning women’s rights and empowerment in today’s society.

The inaugural ceremony was graced by **Dr. Satya Pal Singh**, Hon’ble Minister of State, HRD (Higher Education), **Swati Maliwal** (Chair Person of Delhi Commission for Women) and **Sanya Seth** (Program Analyst, UN Women). Principal, Dr Shashi Nijhawan addressed the audience and stressed the need for organizing fairs like these to sensitize the students through the medium of Art, Culture, theatre, Poetry and discussions. The event began with a flash mob performance by WDC students followed by a theme video.

Inauguration was followed by a panel discussion titled '**Intersectionality and Gender Inequality**'. The panel discussion had panelists from diverse fields. The discussion shed light on how gender interacts with other social identities to shape bias and discrimination. It also discussed the fact that oppressive institutions like racism, sexism and gender discrimination do not work independently of each other.

Renowned film-maker **Sudipto Sen** and **RJ Divya** (Radio City) engaged the students through their ‘chai pe charcha’ on pressing women issues.

Day one also saw some captivating performances by celebrated comedian **Vasu Primlani**. She enthralled the audience with her comparison of how Americans and Indians would behave in different situations.

Day two began with a theatre performance by **Shilpi Marwaha** ‘A Woman Alone’. The

play by Dario Fo & Franca Rame was able to strike a chord among women who find it hard to express their inner turmoil. The play touched the soul of students and left its imprint on hypocrisy by society towards women.

The major highlight of the event was the felicitation of **Jijabai Achievers Awardees** by WDC to celebrate, and honor the contributions of those who fight all odds to uphold the dignity and integrity of women. The award ceremony was graced by dignitaries like **Smt. Smriti Zubin Irani** (Hon'ble Minister of Information and Broadcasting & Minister of Textiles, Government of India), **Ms. Kamla Bhasin**, South Asia Coordinator, One Billion Rising, **Smt. Nayana Sahasrabuddhe**, Vice President, Bhartiya Stree Shakti.

The Awardees for the current year are **Dr Mandakini Amte, Sister Lucy Kurien, Ms Sumita Ghose, Dr. Girish Kulkarni and Dr. Radhike Khanna.**

Dr Mandakini Amte.

Dr. Mandakini along with her husband has been providing medical services to the tribals living in the remote forest areas, in Gadchiroli district, Maharashtra. Her work in the field of rendering medical services to the deprived, socially ostracized, underprivileged, neglected, poor and illiterate strata of the society is inspiring and commendable.

Sister Lucy Kurien

Sister Lucy Kurien is the founder and director of Maher, a community and interfaith organization for abused and destitute women and children, in Pune, Maharashtra. Currently Maher has 43 short-stay and long-stay homes in the Indian states of Jharkhand, Kerala, and Maharashtra. In total they house over 860 street children, more than 300 destitute women (including 120 mentally ill women picked from the roadside) and 71 aged/mentally ill destitute men.

Ms Sumita Ghose

Sumita Ghose is the founder and managing director of Rangсутra, a social enterprise which seeks to bring about socio economic development and inclusive growth in rural India by engaging both: the community and the market. Rangсутra is owned by 1800 rural artisans- most of whom are women

Dr. Girish Kulkarni

Dr. Girish Kulkarni is the Founder of Snehalaya, a set of shelter homes for women, children and LGBT communities affected by AIDS, HIV, trafficking and sexual violence. Snehalaya operates in Ahmednagar, and provide services to over 15,000 beneficiaries

Dr. Radhike Khanna

Dr. Radhike Khanna is the Founder of OM Creations, an NGO that empowers and employs developmentally challenged women and adults she has worked for the training, rehabilitation and education of developmentally disabled, autistic children and young adults. She is also the founder of Shraddha Charitable Trust, which empowers and rehabilitates severely autistic and mentally challenged young adults and enables them to earn a living.

The Jijabai Award ceremony began with a band performance by **Nari Gunjan musical band**. It is the first all-female band from Bihar. The name of the band literally translates to 'the humming of women'. Drumming gives a sense of empowerment and liberation to these dalit women who, just a few years ago, barely made Rs. 100 a day working as daily-wage laborers.

WDC also released a coffee table book - '**The Change Makers**' that talks about the life journey of nine exceptional women with iconic vision, who endured adversity, fought misfortune, restructured themselves and transformed the core of society for good.

The gender fair ended with a musical night by Indian Idol singer **Mohit Chopra**, who through his energy and foot tapping numbers mesmerized the audience.

Gender Fair marked a number of inter-college competitive events like Rangoli making, Slam Poetry, Debate, Face Painting and an art exhibition. The exhibition by Masooma Rizvi, showcased a woman's journey from restriction to freedom.

- WDC celebrated **International Women's day** on March 8, 2018 with a series of competitive events like photo talk highlighting body image myths and Open Mic – a forum where students could discuss about current women issues. The highlight of the event was a talk by renowned novelist **Ms Nasira Sharma** talking about women's right across religion.

VOTE OF THANKS

Before I conclude this year's annual report I would like to thank Shri Amolak Rattan Kohli, Ms. Anna Roy and Shri Kuldeep Singh Bhardwaj for taking out time from their busy schedule and gracing this occasion with their presence.

I am highly indebted to our governing body chairman Prof. Rita Kakkar and Treasurer Prof. Rajagola Raman for their constant support and guidance for the smooth functioning of the College. 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. Yogesh K. Tyagi, Vice- Chancellor, University of Delhi, Prof. J. P. Khurana, Director, South Campus, University of Delhi, and all other authorities for their constant support and assistance.

I also extend my gratitude to Dr. V.P.S. Mallik and Dr. Ramesh Malik, the teacher representatives and Mr. Anand Kumar, non-teaching representative in the governing body for their constant support.

I appreciate the active involvement, hard work and support of Dr. Mridula Budhiraj, Secretary, Staff Council, Dr. Virendra Bhardwaj, President, Staff Association and other office bearers of the Teaching and Non-Teaching Staff Associations. I would also like to thank Dr. Anita Kapur, Vice Principal, Dr. Kumari Priyanka, College Bursar and Dr. A. K. Shukla, PIO for their able work and support to ensure smooth functioning of the administration of the College. I thank Dr. Darshan Malik, Ms. Nimita Kant, Dr. Renu Baweja, Dr. Richa Arora for working hard to make this event a success. I also thank Dr. Ankita Dua and Dr. Aeshna Nigam for putting in their hardwork in compiling this 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 hardwork, sincerity and dedication. I honor their zeal, commitment and untiring efforts which has helped College achieve its present status.

I also acknowledge the contribution of the alumni of our College. Their efforts have significant consequences for the development of Shivaji College. I congratulate the proud parents and their Children for having set new standards of academic excellence and distinction.

The amalgam of harmony, co-operation and constant support of the members has helped Shivaji College achieve success. Blessings of Almighty have always catalyzed our efforts to strive for excellence. I thank you all for being present and sharing this memorable day with the family of Shivaji College.

Jai Hind.

14th March, 2018

New Delhi

Dr. Shashi Nijhawan

Principal