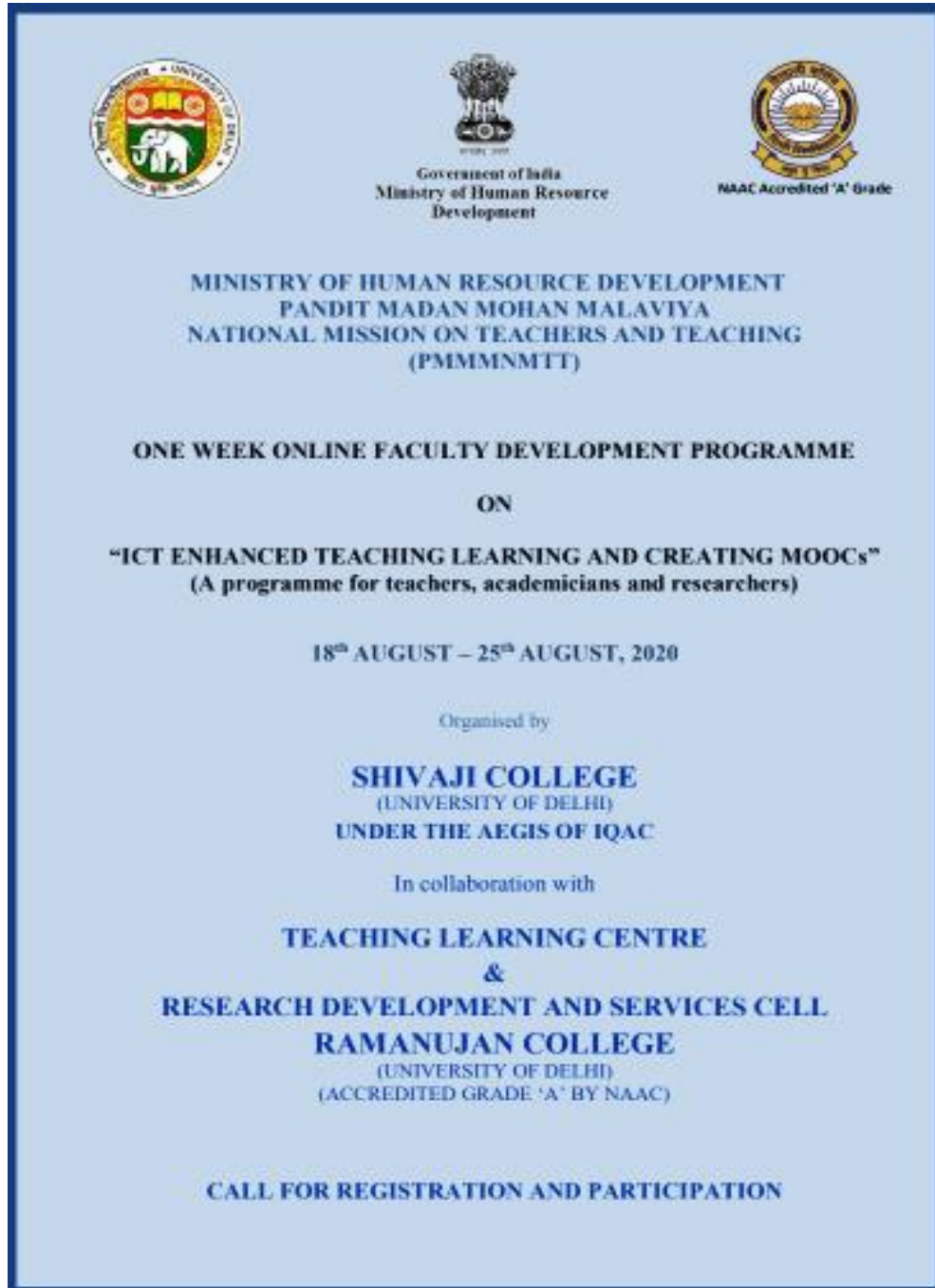





Supporting Documents of 6.3.3

1. One Week online Faculty Development programme on ICT Enhanced Teaching Learning and Creating MOOCs : (Annual Report 2020-21page No. 21)



Government of India
Ministry of Human Resource
Development

NAAC Accredited 'A' Grade

MINISTRY OF HUMAN RESOURCE DEVELOPMENT
PANDIT MADAN MOHAN MALAVIYA
NATIONAL MISSION ON TEACHERS AND TEACHING
(PMMNMTT)

ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME

ON

“ICT ENHANCED TEACHING LEARNING AND CREATING MOOCs”
(A programme for teachers, academicians and researchers)

18th AUGUST – 25th AUGUST, 2020

Organised by

SHIVAJI COLLEGE
(UNIVERSITY OF DELHI)
UNDER THE AEGIS OF IQAC

In collaboration with

TEACHING LEARNING CENTRE
&
RESEARCH DEVELOPMENT AND SERVICES CELL.
RAMANUJAN COLLEGE
(UNIVERSITY OF DELHI)
(ACCREDITED GRADE 'A' BY NAAC)

CALL FOR REGISTRATION AND PARTICIPATION

Poster of FDP on “ICT Enhanced Teaching Learning and Creating MOOCs

2. Five-day National Workshop with Hands-on Training through Virtual Platform on Bioinformatics and Biostatistics: (Annual Report 2020-21page No. 14)



Shivaji College
 NAAC Accredited Grade "A"
 University of Delhi

Department of Biochemistry
 (under the aegis of DBT sponsored Star College Scheme)



Five-day workshop with hands-on training through virtual platform
 on
"Bioinformatics and Biostatistics: A Beginner's Guide"
 (January 16-20, 2021; Time: 3:00 pm - 5:00 pm)

RESOURCE PERSONS



Dr. N. Latha
 (Chief Guest, Inaugural Function)
 Associate Professor, Department of Biochemistry
 Coordinator, Bioinformatics Centre
 Sri Venkateswara College
 University of Delhi



Dr. Jaspreet Kaur
 Associate Professor
 Pearl Academy, New Delhi



Dr. Manoj Kumar
 Scientist-II, Department of Biophysics
 AIMS, New Delhi



Dr. S. Ramachandran
 (Chief Guest, Valedictory Function)
 Senior Principal Scientist, Professor of the AcSSB
 Faculty of Biological Sciences, CSIR-IGIB
 Mathura Road, New Delhi



Dr. Nidhi Jatana Batra
 Post-doctoral fellow
 Computational structural biology
 CSIR, IITM, New Delhi



Dr. Kriti Kaushik
 DBT-Research Associate III
 Department of Biochemistry



Dr. Uma Dhawan
 Department of Biomedical Sciences
 Bhaskaracharya College of Applied
 Sciences, Gurgaon

TOPICS TO BE COVERED

- ✓ Bioinformatics tools for the beginners
- ✓ Visualization of Drug-Protein Interactions using PyMol
- ✓ Open source tool 'R' for statistical analysis of biological data.
- ✓ Meta-analysis
- ✓ Designing sgRNA for crispr/cas9, disease genomics
- ✓ Use of pubmed.mineR

REGISTRATION

Link: <https://forms.gle/v6z57tChXE3Bszwz6>

QR Code



Last Date for the registration is January 13, 2021

Prerequisite: Good internet access, Electronic device (Desktop/laptop)

VENUE

ZOOM PLATFORM and YOUTUBE LIVE STREAM

E-certificates will be provided to the participants after the successful completion of the workshop

For any query contact:
 Student Coordinators:
 Aditi Rattan: 8383091719
 Sagar : 7428011028

Dr. Renu Baweja & Dr. Sunita Singh
 Workshop Coordinators

Dr. Darshan Malik
 Coordinator, SCS

Dr. Shiv Kumar Sahdev
 Principal

Dr. Renu Baweja
 Convener, SCS

Dr. Jayita Thakur
 Co-Convener, SCS

Organizing Team
 Dr. Neena R. Wadehra Dr. Rashmi Wardhan Dr. Usha Yadav

Poster of the Workshop

Report of the Workshop:

A Beginner's Guide (Under the aegis DBT Star College Scheme) January 16-20, 2021 Workshop Coordinators: Dr. Renu Baweja and Dr. Sunita Singh Department of Biochemistry, Shivaji College Department of Biochemistry under DBT-Star College Scheme organized a workshop on "Bioinformatics and Biostatistics: A Beginner's Guide" for Faculties and Research Scholars of different Universities/Institutions throughout the India. The workshop witnessed the participation not only from Colleges and Department of University of Delhi but also from Institutes and Universities across India including Rajasthan, Punjab, Uttar Pradesh, Guwahati and many more. The Chief Guest of the inaugural Session was Dr. N. Iyengar, Associate Professor, Department of Biochemistry and Coordinator, Bioinformatics Centre, Sri Venkateswara College, University of Delhi.

She apprised the participants about the concept and applications of Bioinformatics. This was followed by hands-on-training session on Bioinformatics tools. Overall the training workshop was well-appreciated by all the participants as reflected by the feedback of the sessions of the workshop.



Photographs of the Workshop

3. Inter College Laboratory Skill Training Programme for Assistants/Attendants in the Chemical and Life Science Laboratories February 8-15, 2021 (Annual Report 2020-21page No. 14)



The poster features three logos at the top: the University of Delhi logo on the left, the Shivaji College logo in the center, and the Department of Biotechnology Govt. of India logo on the right. Below the logos, the text reads: "Shivaji College, NAAC Accredited A Grade, University of Delhi, Under the aegis of DBT sponsored Star College Scheme Organizes". The main title is "LABORATORY SKILL TRAINING PROGRAMME for Laboratory Assistants/Attendants in the Chemical and Life Sciences Laboratories February 8-12, 2021 (10:00AM – 2:00PM)". A registration link is provided: <https://forms.gle/NMAKQWaStLg4U8n98>, with a last date of registration of February 7, 2021. The convener and co-convener lists are as follows:

	Convener	Co-convener
Biochemistry	Dr. Renu Baweja	Dr. Jayita Thakur
Botany	Dr. Anuradha Mal	Dr. Pratima Rani Sardar
Chemistry	Dr. P. K. Sahu	Dr. Richa Arora
Zoology	Dr. Deepika Yadav	Ms. Nimita Kant

At the bottom, it states: "Dr. Darshan Malik, Coordinator, Star College Scheme", "Certificates will be given to all the participants", and "Dr. Shiv Kumar Sahdev, Officiating Principal".

Poster of Laboratory Skill Training Programme

Report of Inter-College Laboratory Skill Training Programme:

Inter-College Laboratory Skill Training Programme was organized for Assistants/Attendants in the Chemical and Life Science Laboratories from 9th February to 12th February, 2021 under DBT sponsored Star College Scheme involving Department of Biochemistry, Botany, Chemistry and Zoology. A total of 25 participants attended the workshop from different colleges, namely, Hindu College, Ramjas College, Institute of Home Economics, Maitreyi College, ARSD College, Dyal Singh College and Zakir Hussain College with different disciplines like Zoology, Chemistry, Microbiology, Botany, Food Technology, Physics and Geography. Training programme held under the supervision of Biochemistry, Botany, Chemistry and Zoology departments on the following major topics:

1. Biohazards, Biosafety and Good Lab Practices
2. Hands on Practice for operating Oven, Incubator, Microwave, and Deep Freezer for Laboratory Work
3. Basics about handling, working and maintaining instruments like microscopes, pipettes and micropipettes, centrifuge and the process of staining
4. Prepare accurate solutions and maintain apparatus and instruments
5. Buffer Preparation, Media preparation and Museum Keeping



Address by Principal, Prof. Shiv Kumar Sahdev during the inaugural session



Photographs of Inter College Laboratory Skill Training Programme

4. One Week Interdisciplinary Online Faculty Development Programme (Annual Report 2020-21page No. 18)



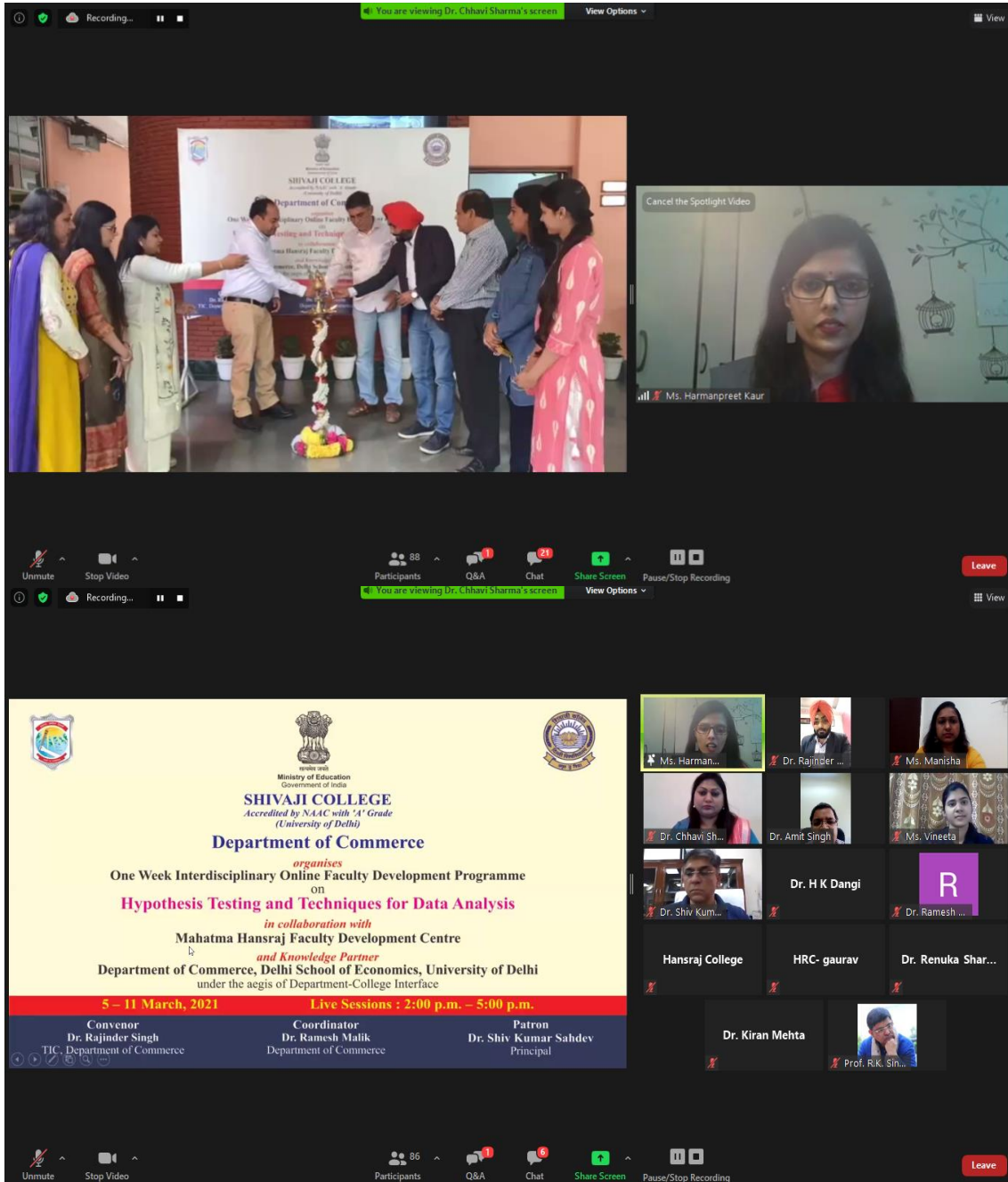
Poster of Interdisciplinary Online Faculty Development Programme

Report of Interdisciplinary Online Faculty Development Programme:

The Department of Commerce, Shivaji College, University of Delhi and Knowledge partner Department of Commerce, University of Delhi under the aegis of Department-College Interface in collaboration with Mahatma Hansraj Faculty Development Centre (A Centre of Ministry of Education, Govt. of India under PMMMNMTT Scheme) organized a one-week Interdisciplinary Online Faculty Development Program on the topic, “Hypothesis Testing and Techniques for Data Analysis from March 5 to 11, 2021. The inaugural event of the FDP was graced by Prof. R.K. Singh, Head and Dean, Department of Commerce, Delhi School of Economics, as Chief Guest virtually. The guest was extended with a warm welcome by the Dr. Rajinder Singh, FDP Convenor, Department of Commerce, Shivaji College. Prof. Shiv Kumar Sahdev, Principal, Shivaji College, also addressed the audience. Mr. Ashutosh, Deputy Coordinator of Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.

After the Inaugural Session, technical sessions I and II were taken, on the topic “Contemporary Issues in Research and Qualitative research, Research Process and Selecting Appropriate

Research Design, Sampling and Scaling Techniques, Role of Literature in Hypothesis Development, Testing Hypothesis and Descriptive Statistics, Parametric and Non-Parametric tools, Correlation and Regression, 'Introduction to ANOVA Family and MANOVA, Exploratory Factor Analysis and Cluster Analysis.



Photographs of Interdisciplinary Online Faculty Development Programme