



BHASKARACHARYA COLLEGE OF APPLIED SCIENCES UNIVERSITY OF DELHI

NAAC accredited 'A' Grade and awarded 'Star Status' by DBT, Government of India

24th ANNUAL REPORT 2020-2021



SILVER JUBILEE ISSUE

*Celebrating 25 glorious years of imparting quality education
(1995-2020)*

Glimpses of the College Events 2020-2021

Bhaskaracharya College of Applied Sciences (University of Delhi)
Department of Biochemistry

IS ORGANISING ONLINE WORKSHOP

Principles and Applications of Spectrophotometry

Date: 16th September 2020.
Time: 11:30 am to 1:30 pm
Learner group: Undergraduates of Microbiology
Registered by 14th September, 2020, 6 pm
Coordinator: Dr. Anju Sonali
Patron: Prof. Balaram Pani



BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
Department of Biomedical Sciences
DWAwick - The Society of Department of Biomedical Sciences
presents

Sketchbook 2020
A Webinar series showcase to bring together the BHMS family and highlight the journey of BHMS students from the corner. Hosted via Google Meet.

WEBINAR 1: DE. GAURAV SHAIKHA
Managing Director and Senior Faculty, A. S. S. Science Foundation Delhi
Registration: <https://forms.gle/4k7YBmV8LmE2> (Register by 10th July 2020 4:00 pm).

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
(University of Delhi)

**LIVE INTERNATIONAL WEBINAR ON
UNIVERSE: SCIENTIFIC AND VEDIC PERSPECTIVES**

TIME: 10:30-11:30 AM
DATE: 12TH JUNE 2020

Organizer:
QUBIT
Physics Society
Guru Nanak Dev University

SPEAKER
Dr. Sudhir Aggarwal
Research Scientist, Author (Alumnus IIT, Delhi)

Dr. Balaram Pani (Patron)
Dr. Vandana Batra (Convenor)
Dr. Herendira Kumar (Co-ordinator)
Sushil (President, QUBIT)
Rishabh (Vice President, QUBIT)
Student (Representatives)

Registration is open upto 10th June, 2020.
Registration fees for the speakers is Rs. 100/-
For any query: +919754994401
Register at: <https://forms.gle/2MvA27QDz7a7>

DEPARTMENT OF MICROBIOLOGY
BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
UNIVERSITY OF DELHI

WEBINAR SERIES 2020

**COVID-19 PANDEMIC:
THE ROAD MAP TO RECOVERY**

Busting the Myths: Facts not fear will help us fight the virus...
An initiative in public interest by
Sukanya Society, Department of Microbiology
(under the aegis of Star College Scheme and IQAC)

TALK
Dr. Rakesh Ashok Ratten
MD, MAMS
Asterle Laboratory Operations, Aseptech Labs
Gurgaon, Haryana

Title: Understanding Lab Diagnosis of SARS-CoV-2 Infection
Date: May 21, 2020 Time: 11:30 am
Zoom meeting
e-certificates will be given to the participants

Patron: Dr. Balaram Pani (Principal) Faculty coordinators: Dr. Purnima Arand, Dr. Neenu Bhagat, Dr. Ruchi Marwah Alumni Coordinator: Mr. Aranyak Kumar

Bhaskaracharya College of Applied Sciences
(University of Delhi)

NAAC 'A' Grade Accredited

**DEPARTMENT OF POLYMER SCIENCE
(UNDER THE AEGIS OF IQAC & STAR COLLEGE SCHEME)**
WEBINAR SERIES-2020

TOPIC: "ONLINE TEACHING & LEARNING- RESOURCES & CHALLENGES

17TH OCTOBER 2020 (SATURDAY)

Invited Speaker: Prof. Kushtal Sen
Department of Textile and Fibre Engineering
Indian Institute of Technology, Delhi

e-certificates to the participants
Online Platform: Microsoft Teams
Registration link: <https://forms.gle/VPtX6Xk2r0Tf0Tf8>

Dr. Balaram Pani (Patron)
Dr. Siddharth Sirohi (Coordinator)

Bhaskaracharya College of Applied Sciences
(University of Delhi)

Department of Physical Education
Indira Gandhi Institute of Physical Education and Sports Sciences

Jointly Organizes National Webinar on
"OBESITY MANAGEMENT"

Most needed Consideration of Lockdowns-Post-Covid19
29 May, 2020 at 3:00 pm via Google Meet

Register yourself by 28 May (10:00 am) at <https://forms.gle/4k47Xc1mH1cH8>
No Registration Fees
e-certificates will be provided to all participants

Resource Persons

Dr. Balaram Pani (Patron)
Dr. Dineshwar Singh (Chairman)
Dr. Siddharth Sirohi (Co-Chairman)
Dr. Pawan Kumar (Convenor)
Dr. Manjeet Singh Barwa (Coordinator)

Bhaskaracharya College of Applied Sciences
(University of Delhi)

Department of Computer Science
(Under the aegis of IQAC)
PRESENTS
Live Webinar
ON
Sanskrit for Computers and Computers for Sanskrit

15:00 to 17:00 Hours, 29th May 2020 via Google Meet
Invited Speaker : Dr. Chittresh Soni
Registration Link : <https://forms.gle/1pVj8t9yq9mW7>

E-CERTIFICATE WILL BE GIVEN TO PARTICIPANTS
Ms. Manu Kataria
Dr. Sangeeta Srivastava
Convenor

Dr. Balaram Pani (Patron)
Dr. Jayant Sharma (Coordinator)

HEALTH AND HAPPINESS

Bhaskaracharya College of Applied Sciences and Sri Aurobindo College (Evening), DU
(Under the aegis of IQAC)

Presents a Webinar on
Covid-19: Precautions and Remedies
An Ayurvedic Perspective

Speaker: Dr. Partap Chauhan, Director, JIVA Ayurveda

Date & Time: 2:30 pm, 11th April, 2020 On

Coordinates: Dr. Shivan G. Varmani
Dr. Akhilesh Mishra
Dr. Ajit
Dr. Abhinav Parashar

Dr. Balaram Pani (Principal, BCAS) Dr. Namita Rajput (Principal, SACE)

Haldhiram virtual visit



BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
UNIVERSITY OF DELHI
SECTOR 2, DWAJKA, NEW DELHI-110075
(NAAC Accredited 'A' Grade Status College)

NATIONAL SCIENCE SERIES: INDIA'S LEADING SCIENCE
under the aegis of DST Star College Scheme and IQAC

A FOUR-DAY VIRTUAL LEARNING PROGRAM

This outreach program is a first of its kind collaborative endeavour to connect different colleges under DST Star College Scheme to a single common Platform. It is an attempt to bring together the best of Indian Science and Technology to inspire and encourage younger generations to aspire and help them to explore a successful career in science. The program will help students to explore various career and alternative career opportunities, and also to build effective scientific communication skills. It will also help students to explore various research opportunities in science. Additionally, students will be navigated through the tools for referencing the latest research papers.

Target audience: Faculty/Research scholars/Students
Registration link: <https://forms.gle/2MvA27QDz7a7>
e-certificates will be provided to all attendees after submission of the feedback form
Register by 12 pm, August 3, 2020

Team @ BCAS
Dr. Balaram Pani (Patron)
Dr. Vandana Batra (Convenor)
Dr. Herendira Kumar (Co-ordinator)
Sushil (President, QUBIT)
Rishabh (Vice President, QUBIT)
Student (Representatives)

Convenor: Dr. Shalini Sehgal
Coordinator: Dr. Uma Dharwadkar, Department of Food Technology

Coordinators: Dr. Uma Dharwadkar, Assistant Professor, Department of Biomedical Science
Dr. Purvima Anand, Assistant Professor, Department of Microbiology
Mr. Ruchi Gulati Marwah, Assistant Professor, Department of Microbiology

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Department of Human Communication
(Under the aegis of IQAC)

Speaker: Prof. N. K. Chadha
Professor and Dean
International Relations
Chairperson
(Council of International Program)
Manav Rachna International University

Convenor: Dr. Madhulika Baijal (91-9810370880)
Patron: Dr. Balaram Pani (Principal)

Co-ordinator: Dr. Satyam Ravi Dwivedi (971417907)

*e-certificates shall be given on successful participation.

May 6, 2020, 11:00-12:00 hrs, via Google Meet

For free Registration: Scan the QR code
Or Visit: shorturl.at/blnAQ

Limited seats. Entry on first come, first served basis.

Department of Instrumentation
is associated with
Department of Electronics

Presents
Virtual visit to
Yakult Danone India Pvt. Ltd.

**DATE: FEB 8, 2021
TIME: 12:00 NOON
PLATFORM- MICROSOFT TEAMS**
(e-certificates for the participants)

PROF. BALARAM PANI (PATRON)
Dr. AVNEESH MITTAL, M.S. SHREYA DUA (COORDINATOR)
Dr. INDRAVIR KAUR (COORDINATOR)
Dr. PAVAN KUMAR (COORDINATOR)

Yakult virtual visit



Bhaskaracharya College Of Applied Sciences
(University of Delhi)

Under the aegis of IQAC and DBT Star College Scheme

Department of Biomedical Science

**Ongoing Summer Training Program
UNIT FOR CORONA WARRIORS**

Seminar being organized under the ongoing
Summer Training Program
Open invitation for all students

10th July 2020
4:00 pm onwards
Join using
Google meet link
Which will be shared with registered participants

Genome editing and beyond with CRISPR-CAS

This activity is being organized for students enrolled under Summer Program of college.
Other interested students can also join using the shared Registration Link
<https://forms.gle/TWSe9yq1Gt6SW9b>

Patron: Dr. Balaram Pani (PRINCIPAL)
Student Coordinators: Chhandashree, Shruthwani, Shrawanthi and Kanti
BCAS-BMS II Year students

Teacher Coordinators: Dr. Shivan G. Varmani, Dr. Avneesh Mittal and Dr. Uma Chaudhary

**Bhaskaracharya College Of Applied Sciences
(University of Delhi)**

PHYTONICS
THE BOTANICAL SOCIETY
(Under the aegis of IQAC)

Presents
Live Webinar

Botanical Secrets for Wellness: Clued From Nature's Signature

14:00 to 16:00 hrs, 16th May 2020 via Google meet

Invited Speaker: Dr. Shivani Gildiyal M.D., Ph.D.
Assistant Professor, Department of Dravyaguna, All India Institute of Ayurveda (AIHA), New Delhi.

Registration link: <https://forms.gle/ZMvVb7qyH4CsC1Hd>

E-Certificate will be awarded to the participants

Dr. Balaram Pani (Patron)
Dr. Sujata Bhardwaj (Coordinator)
Dr. N.S. Abbas (Convenor)
Dr. Sujata Bhardwaj (Coordinator)
Dr. J. Dineshwar, Dr. Saloni Soodi (Co-ordinator)
Dr. J. Dineshwar, Dr. Saloni Soodi (Co-ordinator)
De. J. Dineshwar, Dr. Saloni Soodi (Co-ordinator)
De. J. Dineshwar, Dr. Saloni Soodi (Co-ordinator)

For queries related to workshop please contact: Dr. Shubha Srivastava (Coordinator) - Mobile No. 9899187663
Master notice: due to the nature of work, 2nd time slot is open for free

Bhaskaracharya College of Applied Sciences
(University of Delhi)
NAAC 'A' Grade Accredited
Sector-2, Phase-3, Dwaikar, New Delhi-110075

Department of Electronics
presents

BCAS Silver Jubilee International Webinar Series

"Technological Trends for the next Generation"

June 1-5, 2020

Talk by
Dr. Gautam Gowarikar, Head - Technology Vision, TIFAC-DST, Govt. of India
Dr. Deepak Malikh, Senior Technical Manager, Microsoft (California, US)
Kiran Rambhia, Chief Information Officer, Intel (Texas, US)

Date: June 1-5, 2020 at 4:00 pm - 05:00 pm

Topic: <https://forms.gle/2MvA27QDz7a7>

Registration link: <https://forms.gle/2MvA27QDz7a7>

Topic: <https://forms.gle/2MvA27QDz7a7>

Chairman: Dr. Balaram Pani
Coordinator: Dr. Geeta Mongia, Dr. Indebir Kaur, Mr. Aarti Malhotra, Mr. Shashi Kumar
Alumni Coordinator: Ms. Meera Rajput
For any queries, contact: +91-9891384786, +91-9891384786

Department of Chemistry
Bhaskaracharya College of Applied Sciences
(University of Delhi)
(Under the aegis of IQAC)

Organizes a National Webinar on
Economic Crisis and Its Redressal during Pandemic

15th May, 2020 at 3:00 pm on Google Meet

Dr. Arvind Malhotra
Associate Professor
PODAM College, University of Delhi

Dr. Balaram Pani
Patron

Dr. Leeli Kapoor
Convenor

Dr. Manjeet Singh Barwa
Coordinator

Register yourself in 15th May at <https://forms.gle/0v7IaL5ASGRdRk8>
No Registration Fee
E-certificate will be given to all the participants

Bhaskaracharya College of Applied Sciences
(University of Delhi)
(Under the aegis of IQAC)

National Webinar Series

30th May, 2020 (Saturday) 12:00 to 13:00 HRS
Topic: **"Nutrition & Stress for Sports: The added COVID Challenge"**

31st May, 2020 (Sunday) 12:00 to 13:00 HRS
Topic: **"Sport Specific Nutrition for Performance Enhancement"**

Organizer
Department of Food Technology
Under Start College Scheme (DBT)

Speaker
Dr. Rishi Lal
ICMR-NIN (Sport Nutrition)

QR code or use below link for free registration
Registration is open upto 25th May, 2020
Registration link: <https://forms.gle/9g7LX6rnmwv5sP6>

(Note: Limited entries on first come first serve basis)

Convenor: Dr. Eram S. Rao (Associate Professor)
Coordinator: Dr. Roshan Lal (Asst. Professor)
Patron: Dr. Balaram Pani (Principal)

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Under the aegis of IQAC & Star College Scheme (DBT)

Presents
LIVE WEBINAR

3D Printing: Materials and Applications
at
2:30 PM to 5:30 PM on 12th May, 2020

**Lecture 1: 3D Printing:Material & Process
(Prof. A. K. Ghosh), IIT DELHI**

**Lecture 2: 3D Printing: Applications & Manufacturing
(Mr. Sarop Chatterjee, ADRIOTECH, INDIA)**

The seminar will be held using WhatsApp platform
Feedback link: <https://bit.ly/23LVE0B>

Convenor: Dr. Suemita D. Sadhu (Department of Polymer Sciences)
Patron: Dr. Balaram Pani (Principal)
Coordinator: Dr. Meenakshi Garg (Department of Food Technology)

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Under the aegis of IQAC & Star College Scheme (DBT)

Department of Instrumentation
Sensors Society
(Under the aegis of IQAC and DBT Star College Scheme)

In collaborations with TechieNest

Presents
**Two-Days Workshop on
MICRO SERVICES**
(The new age of application development & deployment)

Resource Person:
Mr. Ashutosh Singh
DevOps Engineer | Tech Consultant

Date: Feb 20 & 21, 2021
Time: 6 p.m. to 9 p.m. on Zoom

Prof. Balaram Pani (Patron)
Dr. Avneesh Mittal (Convenor)
Dr. Anil Kumar, Dr. Manoj Kumar, Mr. Rakesh (Coordinators)

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
(UNIVERSITY OF DELHI)

DEPARTMENT OF ZOOLOGY
(Under the aegis of IQAC)

Presents a Webinar on
DON'T HESITATE: VACCINATE

Date: November 10, 2020
Online platform: Google meet
E-certificate will be awarded to the participants

Last date of registration: November 09, 2020

Immunity
Infection Of Immunity

DR. ANURAG AGRAWAL
Associate Professor, Department of Zoology, New Delhi

MR. NEERAJ MEHTA
CEO, ImmunityMe

Patron: Prof. Balaram Pani (Principal)

Convenor: Dr. Rupeshwar Singh, Dr. Savitri R. Dixit, Dr. Anil Kumar Singh, Dr. Lalit Rani Mehta, Dr. Anup Kumar Singh

Student Co-ordinator: Pawan Kumar Gola
Date: 10/11/2020
Time: 10:00 AM to 12:00 PM

PRINCIPAL'S MESSAGE

24th ANNUAL REPORT

"Intelligence plus character, that is the goal of true education" - Martin Luther King.

Good Morning all,

On behalf of Prof. Subho Mozumdar, Chairman Governing body and Bhaskaracharya family, I extend a warm welcome to our Chief guest Pro-Vice Chancellor, University of Delhi, Prof. P.C Joshi and our Guests of Honour- Prof. Suman Kundu, Director, University of Delhi South Campus and Dr. Vikas Gupta, Registrar, University of Delhi to the 24th Annual Day and Prize distribution ceremony of our college.

Our college was established in the year 1995. It is named after the greatest mathematician of medieval India, Bhaskaracharya, who formulated the fundamentals of mathematics. The college has come a long way during the last 25 years and has met various milestones of success. In this journey, we started with four courses with around 60 students but now we have a sprawling campus with more than 1300 students pursuing 11 honours courses. The college is also a learning centre for IGNOU and runs various programs.

The faculty, non-teaching staff, and students together have brought the college to the pinnacle of success. In our first NAAC cycle in 2017, we earned NAAC 'A' accreditation and now we are preparing for the NAAC accreditation cycle II scheduled next year.

Our college is the part of Star College Scheme of Department of Biotechnology, Government of India since December 2010. Four departments of our college: Biochemistry, Biomedical Science, Food Technology and Microbiology have benefitted tremendously under this scheme and the college wears the Star Status with great honour and pride. In 2019, Departments of Computer Science, Electronics, Instrumentation and Physics of our college have also become a part of this scheme and have been awarded financial support under this Scheme.

As they say, knowledge increases by sharing and not saving it, with this goal in mind and to maximize the utilization of existing resources available with the institutes, the Vidya Vistar scheme was established by the University wherein the expertise, knowledge, and experience of the faculty members, resources in the library, and other academic facilities can be shared with the partner college. And I proudly say that ours is the first college of the University to have entered into partnership with Government College, Bomdila, West Kameng District, Arunachal Pradesh under this Scheme. The college is also collaborating with Indira Gandhi Government College Tezu in Lohit District, Arunachal Pradesh. The college has also signed a MoU with The Nutrition Alchemy, Mumbai for a period of one year for internship program.

The internal quality assurance cell (IQAC) of the college which has been constituted to enhance the academic and administrative performance of the college, has been ensuring the maintenance of high standards and closely monitors all activities. A rigorous feedback mechanism is in place.

And throughout the year various initiatives were taken to ensure student and faculty development for interactive online teaching learning process.

The dynamic and dedicated faculty members of our college are not only involved in imparting their knowledge to students but are actively involved in research and are always in the spirit of enhancing their knowledge by attending faculty development programs, webinars, workshops, refresher courses, and short-term courses. They are involved in various extramural projects funded by agencies such as Department of Science and Technology and Indian Council of Medical Research. They undertake various inhouse projects and guide Ph.D., postgraduate and undergraduate students. This year, our faculty have published 47 research papers; 34 in International and 13 in National peer reviewed journals along with 6 books and 13 book chapters.

Many of the faculty members have won accolades for their contributions at National and International levels. I was awarded the prestigious 'NESA Honorary Fellowship Award' for my dedicated contributions in the field of Environmental Sciences, Polymeric Sciences, Biological and Instrumental Sciences. Dr. Siddharth Sirohi of Department of Polymer Science has been awarded 'The Best Teacher Award' for the year 2019-20 by Directorate of Higher Education, Govt. of NCT of Delhi. Dr. Eram S Rao won the Food System Vision 2050 - Rockefeller Foundation Prize as an Expert Team member in the document development. Dr. N.S. Abbas, Department of Botany was awarded a certificate of recognition for excellent contribution to 'Current World Environment Journal' as a reviewer for the year 2021. Award of Excellence was presented to Dr. Geeta Mongia for excellent mentorship for research work presented in 'ICONICS-UG' organized by the Department of Electronics, Sri Aurobindo College, University of Delhi. In addition to this the Gandhi Bhawan, University of Delhi acknowledged the college and felicitated the principal, the convener of Gandhian study centre Dr. Shivani G Varmani and the student representative, Shishir, for outstanding performance in propagating the Gandhian values.

This year has been really special as many of our faculty members also received their long-awaited promotions. The process of promotion of faculty members was initiated in the college under CAS 2010/2018. Many faculty members at various stages have been promoted during this year. I am delighted to inform that under this scheme, in the university, Dr. Anil Kumar Bali became the first to be promoted as Professor in the college.

The alumni of our college are doing extremely well. The college feels proud to give Distinguished Alumni Awards to Sh. Rohit Sarabhai of B.Sc. (H) Electronics for Excellence in Entrepreneurial Venture category for the year 2019-2020 and Mr. Neeraj Kumar Singh of B.Sc. (H) Physics for Excellence in Government and Defence Services category for the year 2020-2021.

Our students are the pride of our college. They have excelled both in academics and extra-curricular activities. The best student awards for the year 2019-2020 have been given to Ojal Saharan of B.Sc. (H) Biomedical Science and Ayush Upadhyay of B.Sc. (H) Microbiology. For the year 2020-2021, the best student awards have been awarded to Harshita Sharma of B.Sc. (H) Computer Science and Nikhil Kumar Khatri of B.Sc. (H) Botany.

Jyoti Dahiya of B.Sc. (H) Polymer Science III year was awarded first rank in the University in the academic year 2019-20. Muskan Sharma of B.Sc. (H) Biomedical Science III year, Tanushree Singh of B.Sc. (H) Microbiology III year and Komal of B.Sc. (H) Polymer Science III year were awarded second rank in the University in the academic year 2019-20.

This year Deepika Wanganoo Memorial award 2020-2021 is being awarded to Sanchit Pahwa of Department of Electronics. Saurabh Grover memorial Award 2020-2021 is being awarded to Mehul Chakraborty of Department of Physics.

Our students make us proud not only in academics but in other endeavours also. The list is long but I would like to mention the names of Ashima Jha of B.Sc. (H) Biomedical Science III year who has won plethora of awards at Model United Nation during the year and Aashi Singh, B.Sc. (H) Polymer Science II year who has won a Silver medal in National MMA championship 2021.

We at Bhaskaracharya college are committed to generating awareness and commitment among our students towards the protection and sustainable development of the environment. And so our focus has been to bring about eco-friendly and sustainable infrastructural changes such as installation of solar panel street lights, water harvesting system and compost pits. Our laboratories are equipped with PNG pipelines. We have well equipped and well ventilated laboratories, a spacious and well maintained library with huge collection of books, conference and audio-video rooms, beautiful gardens, a well maintained playground, indoor and open gym, sports room, a spacious parking facility and an efficient canteen with water proof canopies in the open area for extended sitting space.

In these unprecedented times of the pandemic, the college has taken various COVID care management steps. The task force was constituted and facilities for hand washing and sanitization of the campus, thermal scanning of visitors, distribution of masks to staff, isolation area, etc. were made available in the college. The college also received a donation in the form of an Oxygen Concentrator from SEWA International and Covidcare4u coordinated by Sh. Kavinder, who was earlier a faculty member of the Department of Physics. During these periods of stress and anxiety, Dr. Madhulika Bajpai, Department of Human Communication offered counselling to staff and students of the college along with their families.

The college shifted to a dedicated platform of Microsoft Teams for online learning and teaching from the last academic session. Before the beginning of the session, numerous faculty development programs were conducted to train the faculty for online teaching. And the teaching learning and administration processes continued in a very productive and efficient way.

All departments, clubs, cells, committees, and societies organized series of webinars, outreach activities, workshops etc. to create awareness and disseminate information about Covid-19 situation and other issues related to academics, health and safety of our students, staff and with a purpose to serve the society. The glimpses of which you will get in detailed report. I congratulate all students and staff of the college for organizing these activities with enthusiasm and creating positive environment.

This brief overview of our achievements has shown that we are on an accelerating journey and in times to come will achieve greater heights.

I thank the Governing Body of the college for their support and guidance. I would also like to thank each member of the Bhaskaracharya family for their hard work and cooperation.

In the end, I wish everyone best of health and happiness.

Best wishes

Prof. Balaran Pani

Principal

MERITORIOUS STUDENTS
(Academic Year: 2019-2020)

S.No.	Course	Position	Name		
			First year	Second year	Third year
1	B.Sc. (H) Biomedical Science	I	Sudkisha Gupta	Ashutosh Ojha	Varnika Khattar
		II	Chaitanya Kapoor	Manisha	Dhriti Jha Muskaan Sharma Samarth Dhole
		III	Rashi Anand	Adrija Sarkar	Nilesh Kumar Kaundal
		Overall Topper: Muskaan Sharma			
2	B.Sc. (H) Computer Science	I	Abhishek Dutta	Swati Rai	Vishnu Kumar
		II	Sonal Mittal	Hitanshi Gupta Ayush Mishra	Shubham Jain
		III	Kalpikha Sahil Koundal	Komal Kumari	Aayushi
		Overall Topper: Vishnu Kumar			
3	B.Sc. (H) Electronics	I	Neeraj Kumar	Saurabh Kumar	Sanchit Pahwa
		II	Tarun Sharma	Aditiya Kumar Singh	Fayyaz Ahmad
		III	Prashant Rahul Kumar	Divyanshu Varshney	Kartik Pankaj Rawat
		Overall Topper: Sanchit Pahwa			
4	B.Sc. (H) Food Technology	I	Saamir Akhtar	Anishka Verma	Twinkle Kesharwani
		II	Divyanshu Gupta	Rishabh Trivedi Vaibhav Singh	Chandni Tayal
		III	Shiv Sagar Mahato	Anisha Moriya	Litakshi Popli

S.No.	Course	Position	Name		
			First year	Second year	Third year
		Overall Topper: Twinkle Kesharwani			
5	B.Sc. (H) Instrumentation	I	Chandan Sharma	Arzoo Shakya	Pratibha Mishra
		II	Mudit Shrivastav	Paras	Tanushri
		III	Mohit Gupta Akeel Ahmed	Tanvi Bhaduria	Chakit Vashisht
		Overall Topper: Pratibha Mishra			
6	B.Sc. (H) Microbiology	I	Anjali Sagar	Ishani Sharma	Tanushree Singh Sreyashi Nath Ashmit Mittal
		II	Nancy Kritika Garg	Shubham Sharma	Suchandana Deka
		III	Simran Yadav	Arnab Kakati	Riya Bongirwar LS Pranathi Ganti Manish Kumar Ayush Upadhyay
		Overall Topper: Tanushree Singh			
7	B.Sc. (H) Physics	I	Paras Kochar	Vardaan Sahgal	Amit Choudhary
		II	Paras Dhir	Aakash Kumar Meel	Mehul Chakraborty
		III	Ram Vikas Mishra	Sanchi	Aman Saxena
		Overall Topper: Mehul Chakraborty			
8	B.Sc. (H) Polymer Science	I	Mayank	Shubhanshu Singh	Juhi
		II	Pritish Jain	Himanshu Kumar	Komal Ajay Negi
		III	Anuj Pal	Smriti Anand Jha	Sunil Chaudhary
		Overall Topper: Jyoti Dahiya			

S.No.	Course	Position	Name		
			First year	Second year	Third year
9	B.Sc. (H) Botany	I	Madhur Shokeen	Nikhil Kumar Khatri	Riya Garain
		II	Sneha Dandriyal	Simpy Sahu	Rashmi
		III	Anuja Ruchir	Taslima Rahi	Sakshi Rawat
		Overall Topper: Riya Garain			
10	B.Sc. (H) Chemistry	I	Jatin Pandey	Ankit Jadli	Samriddhi Vats
		II	Shubham Tiwari	Sunesh	Simranjeet Kaur Chetan Sharma
		III	Akhil Bisht	Priyanka Singh	Sagar
		Overall Topper: Samriddhi Vats			
11	B.Sc. (H) Zoology	I	Shivani Parmar	Harshita Jangra Anmol	Shweta
		II	Pallavi Gupta	Ishika Thakran	Shirin Qureshi. Varsha Kaushik
		III	Preeti Sharma Prachi	Varinder Madhav Verma	Sushma Yadav
		Overall Topper: Shweta			

(Academic Year: 2018-2019)

S. No	Course	Position	Name		
			First year	Second year	Third year*
1	B.Sc. (H) Biomedical Science	I	Manisha	Muskaan Sharma	Aditi Kanojia
		II	Anish Chhilar	Ojal Saharan	Bidisha Bhattacharya
		III	Ashutosh Ojha	Varinka Khattar	Kriti Ahuja

S. No	Course	Position	Name		
			First year	Second year	Third year*
2	B.Sc.(H) Computer Science	I	Aayush Mishra	Surbhi Sharma	Nikita Bansal
		II	Swati Rai	Aayushi	Kanchan
		III	Sachin Rana	Vishnu Kumar	Siddhant Varma
3	B.Sc.(H) Electronics	I	Aditya Kumar Singh	Sanchit Pahwa	Rahul Singh Shekhawat
		II	Mukul Sharma	Akshay Samwal	Ritesh Kumar Mahto
		III	Saurabh Kumar	Kartik	Hari Om Singh
4	B.Sc. (H) Food Technology	I	Vaibhav Singh Krishna Kumar Upadhyay	Twinkle Kesharwani	Rachna Sharma
		II	Saloni Gayakwad	Sakshi Singh	Rupal
		III	G. Aparajita P	Komal	Deeba Zarin
5	B.Sc. (H) Instrumentation	I	Shivangi Rai	Pratibha Mishra Tanushri	Gaurav Kumar
		II	Arzoo Shakya	Shubham Malhotra	Jyotirmayee Sahoo
		III	Saurabh	Chakit Vashisht	Tupeshwar Kumar
6	B.Sc. (H) Microbiology	I	Ishani Sharma	Tanushree Singh	Saumen Sain
		II	Arnab Kakati	Riya Bongirwar Sreyashi Suchandana Deka	Tanu Bansal
		III	Disha Arora	Ashmit Mittal	Neeru

S. No	Course	Position	Name		
			First year	Second year	Third year*
7	B.Sc. (H) Physics	I	Vibhat Kumar	Aman Saxena	Alex Kumar Singh
		II	Vikas Singh	Amit Choudhary	Ashutosh Shukla
		III	Shubham Basera	Mehul Chakraborty	Mukesh Kumar Pandey
8	B.Sc. (H) Polymer Science	I	Himanshu Kumar	Sachin Yadav	Neema Khushwaha
		II	Mridul Khanna	Jyoti Dahiya	Sumit
		III	Smriti Mamta Gupta	Juhi	Bhawana
9	B.Sc. (H) Botany	I	Nikhil Kumar	Riya Garain	
		II	Simpy Sahu	Yamini Singh	
		III	Deepika	Sakshi Rawat	
10	B.Sc. (H) Chemistry	I	Sunesh	Samriddhi Vats	
		II	Sudatta Bhunya	Simranjeet Kaur	
		III	Palak Divya Garg	Chetan Sharma	
11	B.Sc. (H) Zoology	I	Anmol	Sushma Yadav	
		II	Sabina	Shirin Qureshi	
		III	Khushboo	Varsha Kaushik	

* Third year result is according to cumulative CGPA

RESEARCH@BCAS
(By Research and Project Assessment Committee)
Convener: Dr. Uma Dhawan

A. Extramural Projects (Ongoing)

S. No.	Project Title	Principal Investigator	Funding Agency	Sanctioned Amount (Rs)	Duration
1.	ARMEd: Antimicrobial resistance mitigation and eradication using blended learning approach - social media, outreach and awareness activities.	Dr. Uma Chaudhry and Dr. Avneesh Mittal	DST	17.91 lakhs	2020-2022
2.	Exploring moonlight enzyme, glutamate racemase, of <i>Neisseria gonorrhoeae</i> as a target for anti-gonococcal drug discovery.	Dr. Uma Chaudhry and Dr. Bishwajit Kundu (IIT, Delhi)	ICMR	22.60 lakhs (For Dr. Uma Chaudhry)	2019-2022
3.	Significance of 5-Hydroxymethylcytosine in neurodegeneration associated with rapid eye movement sleep deprivation.	Dr. Uma Dhawan	SERB-DST	40.11 lakhs	2018-2021

B. PhD Students (Currently Registered)

S. No.	Name of the PhD Student	Supervisor	Year of Registration	Affiliated Department and University
1.	Ms. Amandeep Kaur Kang	Dr. Uma Dhawan	2019	ACBR, University of Delhi
2.	Ms. Garima Tanwar	Dr. Uma Dhawan	2019	ACBR, University of Delhi
3.	Mr. Pramod Yadav	Dr. Uma Chaudhry Joint Supervisor: Dr. Bishwajit Kundu, IIT, Delhi	2019	ACBR, University of Delhi

S. No.	Name of the PhD Student	Supervisor	Year of Registration	Affiliated Department and University
4.	Ms. Priyanka Singh	Dr. Meenakshi Garg (Joint Supervisor) Supervisor: Dr. Rajni Chopra, Institute of Home Economics, University of Delhi	2019	Department of Home Science, University of Delhi
5.	Ms. Shiffali	Dr. Uma Dhawan Joint Supervisor: Dr. Vibha Taneja, Sir Ganga Ram Hospital, New Delhi	2019	ACBR, University of Delhi
6.	Mr. Sudhir Kumar Gupta	Dr. Sangeeta Srivastava	2019	Department of Computer Science, University of Delhi
7.	Ms. Anjali	Prof. Balaram Pani	2018	Department of Chemistry, University of Delhi
8.	Mr. Chandra Sekhar Kushwaha	Dr. Saroj Kumar Shukla	2018	Department of Chemistry, University of Delhi
9.	Mr. Hemant Kumar	Prof. Balaram Pani	2018	Department of Chemistry, University of Delhi
10.	Ms. Nitika	Dr. Uma Dhawan Joint Supervisor: Prof. Y Singh, Department of Zoology, University of Delhi	2018	ACBR, University of Delhi
11	Ms. Sudha Joshi	Dr. Saroj Kumar Shukla (Co-Supervisor) Supervisor: Dr. Jyoti Choudhary, Mohanlal Sukhadia University, Udaipur	2018	Mohanlal Sukhadia University, Udaipur

S. No.	Name of the PhD Student	Supervisor	Year of Registration	Affiliated Department and University
12.	Ms. Sujata Adhana	Dr. Uma Chaudhry	2018	ACBR, University of Delhi
13.	Mr. Bholey Singh	Prof. Balaram Pani	2017	Department of Chemistry, University of Delhi
14.	Ms. Pratibha Singh	Dr. Saroj Kumar Shukla	2016	Department of Chemistry, University of Delhi
15.	Mr. Rajnish Kumar	Dr. Uma Chaudhry	2016	ACBR, University of Delhi
16.	Mr. Shwetank Pandey	Prof. Balaram Pani	2016	Department of Chemistry, University of Delhi
17.	Ms. Akriti Dhyani	Dr. Meenakshi Garg (Joint Supervisor) Supervisor: Dr. Rajni Chopra, Institute of Home Economics, University of Delhi	2016	Department of Home Science, University of Delhi
18.	Ms. Zeba Jamil	Dr. Rizwana (Co-Supervisor) Supervisor: Dr. Neha Sharma, Amity University	2014	Department of Food Technology, Amity University

DBT STAR COLLEGE SCHEME

The Department of Biotechnology, Ministry of Science and Technology, Government of India approved the Star College Scheme at Bhaskaracharya College of Applied Sciences in December 2010 with the aim to strengthen life sciences and biotechnology education and training at the undergraduate level. The purpose was to improve critical thinking and facilitate 'hands on' experimental work in the cutting edge-technologies needed for modern biological studies at the undergraduate (college) level in life sciences. The underlying philosophy was that such experiences will encourage more students to take up science as a career.

Under this scheme, DBT identifies colleges with ambition and potential for excellence and provides academic and physical infrastructure for achieving the same. All this gives students a unique 'never-before' exposure to experimental sciences. The colleges that are successfully able to implement the scheme are considered as life sciences' 'Star Colleges'.

Star College Scheme I *(Energizing Scientific Temper: Ten Years of Star)*

Chairman, Star College Scheme: Prof. Balaram Pani (Principal)

College Coordinators of the Star College Scheme- I

College coordinator	Name of the Department	Period of College Coordinator
Dr. Anita Sondhi (Coordinator) Dr. Uma Chaudhry (Co-Coordinator)	Biochemistry Biomedical Science	April 2019 to till date August 2020 to till date
Dr. Uma Chaudhry	Biomedical Science	January 2016- March 2019
Dr. Purnima Anand	Microbiology	December 2013-December 2015
Dr. Shalini Sehgal	Food-Technology	December 2010-November 2013

Department Coordinators of the Star College Scheme-I

Name of the Department	Department Coordinator	Period of Department Coordinator
Department of Biochemistry	Dr. Anita Sondhi Dr. Anil K. Bali* Dr. Anita Sondhi	May 2016 to till date July 2015 to April 2016 December 2010 to June 2015
Department of Biomedical Science	Dr. Uma Chaudhry Dr. Uma Dhawan Dr. Shivani G. Varmani Dr. Uma Chaudhry	28 October 2020 to till date 20 April 2018 to 27 October 2020 4 February 2016 to 19 April 2018 December 2010 to January 2016

Name of the Department	Department Coordinator	Period of Department Coordinator
Department of Food Technology	Dr. Meenakshi Garg Dr. Rizwana Dr. Vandita Gupta Dr. Eram Rao Dr. Meenakshi Garg Dr. Rizwana Dr. Shalini Sehgal	28 October 2020 to till date 2 April 2019 to 27 October 2020 1 October 2017 to 1 April 2019 1 October 2016 to 30 September 2017 1 October 2015 to 30 September 2016 1 October 2014 to 30 September 2015 December 2010 to September 2014
Department of Microbiology	Dr. Pawas Goswami Dr. Ruchi G. Marwah Dr. Pawas Goswami Dr. Purnima Anand	13 November 2018 to till date 1 October 2015 to 12 November 2018 December 2013 to September 2015 December 2010 to November 2013

*Faculty member: Department of Biology

All the faculty members of the participating Departments are members of the scheme from December 2013 onwards till date

STAR STATUS

This scheme took off in our college in December 2010 in four departments of our college: Biochemistry, Biomedical Science, Food Technology and Microbiology. The Department of Food Technology was awarded with 'Star Department status' in the year 2013. The college was awarded Star status in June 2017 in which Departments of Biochemistry, Biomedical Science and Microbiology were the beneficiary.

Thanks to the scheme, the college has added tremendously to the already considerable infrastructure of the departments. A large number of state-of-the-art equipment were added utilizing the non-recurring grant of the DBT Star College scheme.

As has been the case for the last one decade, under the ongoing Star College Scheme of the Department of Biotechnology, several activities are planned and executed by the participating departments. As the foremost aim of the scheme is to strengthen science education and research at the undergraduate level, activities are conducted both at the respective department levels and college at large keeping this very objective in mind. Many activities are conducted under the aegis of DBT Star College scheme to enhance interest in science. These activities include invited talks of eminent scientists from Academia and Industries, Seminars, Hands-on training and workshops.

One of the mandates of the scheme is also to encourage collaboration between various departments and foster frequent and meaningful interactions between the faculty and the students. The students, under this scheme, are also given experiential learning through visits to various industries, institutes and research laboratories. These visits help them understand applications of science in other institutes and also familiarize them with various career options available in their chosen scientific fields.

ADAPTING TO COVID TIMES

In March 2020, all educational institutions were closed for physical classes but learning and education continued though under different hues. We were firm with our resolve to reach out to students through a plethora of online workshops and lectures and trainings. Many of the events had large participation from colleges of University of Delhi and other Universities as well. The opportunity was used by all the faculty members to familiarize themselves with the new normal way of online teaching and many training workshops were attended by the faculty members to meet the challenge of switching to the online mode.

All the activities conducted by the departments under the aegis of this scheme in the year 2020-2021 are showcased along with their departmental achievements.

Sky is the limit thanks to the star college scheme and the participating departments are determined to achieve it. It is not only an opportunity for our budding scientists and scholars to learn newer things in science, but we will also strive to groom them to be conscious citizens who have respect for their natural environment, who understand the fragility of human life, and are determined to contribute their bit towards the building of the nation in the post pandemic India.

Star College Scheme II

Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, New Delhi has sanctioned financial support for three years w.e.f. 2019 under the Star College Scheme for four additional departments. The participating viz, Physics, Computer Science, Electronics& Instrumentation have been included to the ongoing Star support in order to strengthen life sciences education training at undergraduate level. To meet the defined objectives under the sanctioned scheme, the college has planned to organize diverse array of academic and scientific activities including workshops, extension lectures, industrial visits and training, facility for providing free books to meritorious students, specialized training programmes for faculty improvement for optimizing their technical capabilities, standard curricula, standard operating procedures (SOP) for practical and summer schools etc. Concerned departments have taken action in strengthening the laboratory infrastructure involving modern equipment and consumables for undergraduate students to upgrade their career in Science Stream.

The participating departments have organized various activities like interactive sessions, workshops at intra - and inter-college level with the support of this scheme. These activities have been highlighted under the respective departmental activities. Such mentioned activities carried out by the above departments are the testimony for fulfilling the aim and goal of DBT Star College Scheme. As per the DBT norms, the scheme is being smoothly conducted by various team leaders (2020-21) which are as mentioned below:

1. Prof. Balaram Pani (Principal)	Chairman, Star College Scheme
2. Dr. N.S. Abbas	College Coordinator, Star College Scheme
3. Sh. Bhavya Deep	Coordinator, Department of Computer Science
4. Dr. Inderbir Kaur	Coordinator, Department of Electronics
5. Dr. Avneesh Mittal	Coordinator, Department of Instrumentation
6. Dr. Anand Bharadvaja	Coordinator, Department of Physics

Departmental Activities, Faculty and Students' Achievements

DEPARTMENT OF BIOCHEMISTRY

Departmental Activities

- Organized an online workshop on 'Spectrophotometry: Applications in Food Sciences' in collaboration with the Department of Food Technology for fourth semester students of Department of Food Technology of the college on February 27, 2021. The event was coordinated by Dr. Anita Sondhi.
- Organized an online workshop on 'Principles and Applications of Spectrophotometry' for third semester students of the Department of Microbiology of the college on September 16, 2020. The event was coordinated by Dr. Anita Sondhi.
- Organized an online workshop on 'Biomolecule Quantitation: Relevance to Human System' for students of Departments of Biomedical Science, Microbiology, and Food-Technology of the college from July 6-21, 2020. The event was coordinated by Dr. Anita Sondhi.
- Organized a workshop on 'Microbiological Culturing Techniques' in collaboration with the Department of Microbiology for GE II students of the department on March 3-4, 2020. The event was coordinated by Dr. Anita Sondhi.

Faculty Achievements

Dr. Anita Sondhi

- Attended one-day National webinar on 'Promotional Avenues for Teachers in Higher Education: CAS Regulations-2018' organized by GAD-TLC of SGTB Khalsa College, University of Delhi on September 5, 2020.
- Attended webinar on 'Dietary Management of Coeliac Disease' organized by Department of Food Technology of the college on September 5, 2020.
- Attended webinar on 'Cyber Security Awareness: V' organized by Automation and Digitization committee of the college on August 29, 2020.
- Attended webinar on 'National Education Policy 2020: Futuristic Policy for New India' conducted by Vivekanand Vichar Manch of the college on August 25, 2020.
- Participated in the five-day Faculty Development Programme on 'ICT Enhanced Teaching and Learning 2.0' organized by Sri Venkateswara College, University of Delhi from July 25-29, 2020.
- Attended webinar on 'Covid-19 as a Catalyst for Digital Transformation' organized by Department of Microbiology of the college on July 11, 2020.
- Attended webinar on 'Genome Editing and Beyond with CRISPR-CAS' organized by Department of Biomedical Science of the college on July 10, 2020.

- Attended webinar on ‘Cyber Security Awareness II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Attended webinar on ‘Cyber Security Awareness I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Attended webinar on ‘Medical Devices & Diagnostics for COVID-19, Risk Mitigation & Case Management, Needs Trends & Future of Innovation’ in the webinar series 2020 on‘COVID-19 Pandemic: The Roadmap to Recovery’ organized by Department of Microbiology on June 23, 2020.
- Attended webinar on ‘Yoga: Detoxing Mind, Body and Soul’ organized by Yoga club of the college on the occasion of International Yoga Day on June 21, 2020.
- Attended two-day webinar on ‘Nurturing Research Culture and Enhancing Teaching Learning through Star College Scheme of DBT’ organized by Faculty of Science, Patna Women’s College, Patna University on June 17-18, 2020.
- Attended International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Attended webinar on ‘Cyber Crime & Redressal’ organized by Cyber Peace Foundation on June 10, 2020.
- Attended webinar on ‘COVID-19: Impact on Environment and Social Change’ organized by Eco Club of the college on June 5, 2020.
- Attended webinar on ‘Understanding Lab Diagnosis of SARS-COV-2 Infection’ organized by Department of Microbiology of the college on May 21, 2020.
- Attended two-day International webinar on ‘Prevalent Crisis triggered by Covid-19 and it’s Appraisal’ organized by Departments of Chemistry and Biomedical Science of the college on May 18-19, 2020.
- Attended webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by Department of Botany of the college on May 16, 2020.
- Participated in the online Inter-college Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college on May 13-14, 2020.
- Participated in the Inter-college Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Attended webinar on ‘Revisiting Well-Being’ organized by Department of Human Communication of the college on May 6, 2020.
- Attended webinar on ‘Managing Food Safety & Quality in the time of Covid-19’ organized by Department of Food Technology of the college on May 6, 2020.

DEPARTMENT OF BIOMEDICAL SCIENCE

Departmental Activities

- Organized a webinar on ‘Cancer Awareness for Women’ in collaboration with Manipal Hospital, Dwarka, Women Development Cell of the college and B. R. Ambedkar Centre for Biomedical Research, North Campus, University of Delhi on February 22, 2021. The event was convened by Dr. Shivani G. Varmani and coordinated by Dr. Neha Singh and Dr. Shwetambri Arora.
- Organized a ‘Breast Cancer Awareness Programme’ in collaboration with Manipal Hospital, Dwarka and Women Development Cell of the college on October 17, 2020. The event was convened by Dr. Shivani G. Varmani and coordinated by Dr. Neha Singh and Dr. Shwetambri Arora.
- Organized a Yoga-cum-Meditation Programme on ‘Change your Mind, Change your Life’ in collaboration with the Gandhian Study Centre of the college on October 10, 2020. The event was convened by Dr. Shivani G. Varmani.
- Organized a webinar on ‘Career Options for Undergraduates’ by Mr. Gaurav Sharma, Managing Director & Senior Faculty, A.S.S. Science Foundation Delhi in collaboration with the Career Counseling cell of the college on July 24, 2020. The event was coordinated by Dr. Uma Chaudhry.
- Organized a webinar on ‘Life Lessons from Science’ by Dr. Kritika Khanna, Post-Doctoral Research Fellow, University of California, San Francisco, USA on July 20, 2020. The event was convened by Dr. Uma Dhawan.
- Organized an International webinar on ‘Cellular Therapies for Arthritic Disease: Clinical Translation and Obstacle’ by Department of Biomedical Science in association with University of Ireland, Galway on July 17, 2020. The event was coordinated by Dr. Uma Chaudhry and Dr. Shivani G. Varmani.
- Organized a webinar on ‘Journey from a Biomedic to an Environmentalist’ by Dr. Gaurav Sharma, Managing Director & Senior Faculty, A.S.S. Science Foundation, Delhi on July 14, 2020. The event was convened by Dr. Uma Dhawan.
- Organized a summer training programme on ‘Unite for COVID Warriors’ in collaboration with the Department of Electronics of the college from June 29-July 18, 2020. The event was coordinated by Dr. Uma Chaudhry and Dr. Shivani G. Varmani.
- Organized a webinar on ‘Mechanism of Epigenetic Regulation and Inheritance by Small RNAs’ by Dr. Meetal Singh, Post-Doctoral Research Fellow, Department of Developmental and Stem Cell Biology, Institut Pasteur, Paris, France on May 30, 2020. The event was convened by Dr. Uma Dhawan.
- Organized a webinar on ‘Post-college Lessons from my Twenties’ by Dr. Anusuya Banerjee, Senior Assay Development Scientist, Oxford Nanoimaging, Oxford, UK on May 28, 2020. The event was convened by Dr. Uma Dhawan.

- Organized a webinar on 'Science and Taxation: the Ongoing Journey through the Maze' by Mr. Ankit Jain, Under Secretary (Tax Policy and Legislation Division), Ministry of Finance Indian Revenue Service on May 23, 2020. The event was convened by Dr. Uma Dhawan.
- Organized a webinar on 'Epigenetic Mosaicism and Inter-individual Variation' by Dr. Saumya Gupta, Post-Doctoral Research Fellow, Dana-Farber Cancer Institute, Harvard Medical School and Broad Institute of MIT and Harvard, USA on May 21, 2020. The event was convened by Dr. Uma Dhawan.
- Organized a webinar on 'Navigating the Philosophy of Scientific Learning - A Personal Account' by Dr. Kritika Gupta, Post-Doctoral Research Fellow, Harvard University, Cambridge, USA on May 19, 2020. The event was convened by Dr. Uma Dhawan.
- Organized a two-day International webinar on 'Prevalent Crisis Triggered by the Covid-19 Pandemic and its Appraisal' in collaboration with the Department of Chemistry of the college on May 18-19, 2020. The event was convened by Dr. Uma Chaudhry and co-convened by Dr. Shivani G. Varmani and Dr. Shubhra Barwa.
- Organized a webinar on 'Journey from Academia to Industry' by Dr. Swastik Phulera, Postdoctoral Scholar Novartis Institutes for Biomedical Research, Cambridge, MA, USA on May 16, 2020. The event was convened by Dr. Uma Dhawan.
- Organized a webinar on 'Dream to Reality - 3 Learnings of My Life' by Ms. Meenal Gauri, Regional Marketing Lead Respiratory and Ofev, Boehringer Ingelheim Pte, Singapore on May 14, 2020. The event was convened by Dr. Uma Dhawan.

Faculty Achievements

Dr. Uma Chaudhry

- Principal Investigator for the Department of Science and Technology (DST) funded project on 'ARMEd: Antimicrobial Resistance Mitigation and Eradication using Blended Learning Approach - Social Media, Outreach and Awareness Activities' for a period of two years.
- Participated in a two-day online Intercollege Faculty Development Programme on 'Understanding Google Classroom' organized by the Automation and Digitization committee of the college on May 13-14, 2020.
- Participated in a three-day Intercollege Faculty Development Programme on 'Online Transaction of Courses with Moodle-LMS' organized by the Automation and Digitization committee of the college on May 8-10, 2020.
- Member, Committee of Courses for Post-graduate and Research Studies, Dr. B. R. Ambedkar Center for Biomedical Research (ACBR), University of Delhi from April, 2019 - March, 2021.

Dr. Shivani G. Varmani

- Felicitated by Gandhi Bhawan, University of Delhi for propagating Gandhian values among the students under the category of outstanding performance by the Convener of the Centre on October 2, 2020.
- Completed one-week National Faculty Development Programme on 'Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-content' organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on September 12-20,2020.
- Completed online Refresher Course on Science of Yoga and Meditation (IDC) on the theme 'Path to Self: Yoga and Meditation' organized by Centre for Professional Development in Higher Education (CPDHE), UGC-Human Resource Development Centre, University of Delhi from June 17-30, 2020.
- Coordinator, webinar on 'Designing Questionnaire-A Research Tool' organized by the college in collaboration with Sri Aurobindo College (Evening), University of Delhi on April 13, 2020.
- Coordinator, webinar on 'Covid-19: Precautions and Remedies- An Ayurvedic Approach' organized by the college in collaboration with Sri Aurobindo College (Evening), University of Delhi on April 11, 2020.

Dr. Uma Dhawan

- Reviewer for Journal of Medical Virology, Wiley.
- Resource person in the five-day National workshop with Hands-on training on 'Bioinformatics and Biostatistics: A Beginner's Guide' organized by the Department of Biochemistry, Shivaji College, University of Delhi under DBT Star College Scheme on January 16-20, 2021.
- Participated in ten-day online Faculty Development Program on Teaching Learning and Assessment' organized by Teaching Learning Centre (TLC), Central University of Rajasthan under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD from November 23-December 3, 2020.
- Participated in a two-day workshop on 'Design of Experiment (DoE) using Statistical Tools' organized by the Department of Botany of the college from November 6-7, 2020.
- Kaur, N., Chugh, H., Sakharkar, M. K., **Dhawan, U.**, Chidambaram, S. B., & Chandra, R. (2020). Neuroinflammation Mechanisms and Phytotherapeutic Intervention: A Systematic Review. *ACS Chemical Neuroscience*, *11*(22), 3707–3731.
- Attended e-Colloquium on 'Emerging Trends in Health and Disease Research' ETHDR-2020 organized by Amity University, Haryana on October 20, 2020.

- Completed ten-day short-term certificate course ‘Know Thyself: Balancing Mind, Body and Soul’ organized by Maitreyi College, University of Delhi from September 30-October 9, 2020.
- Completed one-week National Faculty Development Programme on ‘Development of Teacher’s e-Kit and MOOCs in Four Quadrant Format of e-Content’ organized by GAD-TLC, SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD from September 12-20, 2020.
- Attended the full agenda of ACS on Campus India Virtual Event organized by American Chemical Society (ACS) on August 10, 2020.
- Coordinator, ‘National Science Series 2020: Igniting Young Minds’, a four-day Virtual Learning Program organized by the college under the aegis of Star College Scheme, Department of Biotechnology, Government of India from August 4-7, 2020.
- Attended International webinar on ‘Cellular Therapies for Arthritic Disease: Clinical Translation and Obstacles’ organized by Department of Biomedical Science of the college and National University of Ireland, Galway on July 17, 2020.
- Attended the webinar on ‘Biosafety & Biosecurity’ organized by the Department of Microbiology of the college on June 25, 2020.
- Attended ‘Smarter Experimentation for Chemists: Online Training Programme on Design of Experiments’ organized by Royal Society of Chemistry, London, UK from June 22-26, 2020.
- Completed the online course ACS Reviewer Lab organized by American Chemical Society (ACS) on June 12, 2020.
- Attended International webinar on ‘A Perfect Match: Vibrational Spectroscopy and Sustainable Chemistry’ organized by ACS, USA on June 11, 2020.
- Member, American Chemical Society (ACS) since June 11, 2020.
- Reviewer for Scientific Reports, Nature Publishing House.
- Completed one-week Faculty Development Programme on ‘Open Source Tools for Research’ organized by Teaching Learning Centre (TLC), Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi under MHRD-sponsored PMMMNMTT from June 8-14, 2020.
- Participated in one-week webinar cum Faculty Development Programme on ‘Current Progress and Future Prospects of Biotechnology’ organized by Department of Biotechnology, Chaitanya Bharathi Institute of Technology (A), Hyderabad from June 8-13, 2020.
- Attended the National webinar on ‘Our Environment and COVID-19’ organized by Eco Club ‘Paritantra’ of Acharya Narendra Dev College, University of Delhi on June 5, 2020.

- Attended the National webinar on ‘COVID-19: Impact on Environment and Social Change’ organized by Pranahi, the Eco Club of the college on June 5, 2020.
- Attended the National webinar on ‘Ecological Revival during Pandemic’ organized by the Department of Chemistry of the college on May 21, 2020.
- Attended the National webinar on ‘Rog Mein Yog’ organized by the Yoga club of the college on May 16, 2020.
- Attended the National webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by the Department of Botany of the college on May 16, 2020.
- Participated in a three-day online Intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the college from May 8-10, 2020.
- Member, Departmental Research Committee, ACSR, University of Delhi from April 1, 2019 - March 31, 2021.

Dr. Kapil Roy

- Attended three-day International Interdisciplinary virtual conference on ‘Breakthroughs and Approaches in Contemporary Scientific Research’ organized by Department of Chemistry & Physics of PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu, India in collaboration with University of Dar es Salaam, Tanzania from February 17-19, 2021
- Attended webinar on ‘Semiconductor Lasers in Defence Applications’ organized by Department of Physics of the college on February 17, 2021.
- Attended National webinar on ‘Promotional Avenues for Teachers in Higher Education: CAS Regulations-2018’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on September 5, 2020.
- Attended webinar on ‘Cyber Security Awareness: V’ organized by the Automation and Digitization committee of the college on August 29, 2020.
- Attended five-day online workshop on ‘Principles and Applications of Analytical Instruments for Analysis Organic/Inorganic Molecules’ organized by Departments of Chemistry & Botany, Govt. R.R.M.P.G. College, Surajpur (C.G.) and Department of Chemistry, Govt. Shivnath Science College, Rajnandgaon (C.G.), India on August 25-29, 2020.
- Attended webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by the college on August 25, 2020.
- Attended ‘National Science Series 2020: Igniting Young Minds’ a four-day Virtual Learning Program organized by the college from August 4-6, 2020.

- Attended webinar on ‘Cyber Security Awareness: III’ organized by the Automation and Digitization committee of the college on July 14, 2020.
- Attended webinar on ‘Cyber Security Awareness: II’ organized by the Automation and Digitization committee of the college on July 3, 2020.
- Attended International webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.
- Attended International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by the Department of Physics of the college on June 12, 2020.
- Attended webinar on ‘Cybercrime & Redressal’ organized by Cyber Peace Foundation on June 10, 2020.
- Attended National webinar on ‘Being Healthy’ organized by the Department of Physical Education of the college in collaboration with Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on June 9, 2020.
- Attended webinar on ‘COVID-19: Impact on Environment and Social Change’ organized by Pranahi, Eco club of the college on June 5, 2020.
- Attended National webinar on ‘Our Environment and COVID-19’ organized by Eco club ‘Paritantra’ of Acharya Narendra Dev College, University of Delhi on June 5, 2020.
- Attended webinar on ‘Making of Atmanirbhar Bharat: Opportunities for Young India’ organized by Shaheed Bhagat Singh College (Evening), University of Delhi on June 1, 2020.
- Attended National webinar series on ‘Nutrition & Sports for Fitness’ organized by Department of Food Technology of the college on May 30-31, 2020.
- Attended National webinar on ‘Preventive Healthcare Diagnostic Platform based on Micro-Nanotechnologies’ organized by Department of Science, Lady Irwin College, University of Delhi on May 30, 2020.
- Attended National webinar on ‘Obesity Management’ organized by Department of Physical Education of the college in collaboration with Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.
- Attended webinar on ‘Sanskrit for Computers and Computers for Sanskrit’ organized by the Department of Computer Science of the college on May 29, 2020.
- Attended International webinar on ‘Optical Sources and Their Applications’ organized by the Department of Physics of the college on May 28, 2020.
- Attended National webinar on ‘Ecological Revival during Pandemic’ organized by the Department of Chemistry of the college on May 21, 2020.
- Attended webinar on ‘Understanding Lab Diagnosis of SARS-CoV-2 Infection’ organized by the Department of Microbiology of the college on May 21, 2020.

- Attended two-day International webinar on ‘Prevalent Crisis Triggered by the COVID19 Pandemic and Its Appraisal’ organized by the Department of Chemistry in collaboration with the Department of Biomedical Science of the college from May 18-19, 2020.
- Attended webinar on ‘Cyber Security, Safety and Privacy in Today's Digital World’ organized by Kalindi College NCWEB, University of Delhi on May 17, 2020.
- Attended two-day online Intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by the Automation and Digitization committee of the college from May 13-14, 2020.
- Attended International webinar on ‘Role of Host Immune System in Development of COVID-19’ organized by Bundelkhand University, Jhansi on May 11, 2020.
- Attended three-day online Intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the college from May 8-10, 2020.
- Attended webinar on ‘ZebraFish Model System’ organized by Department of Biochemistry, Shivaji College, University of Delhi on May 8, 2020.

Dr. Neha Singh

- Participated in a National webinar on ‘Opportunities for Women in Hospital and Healthcare Management’ organized by the Women Development Cell of the college on February 25, 2021.
- Attended Faculty Development Programme on ‘Advanced Pedagogical Techniques’ organized by the Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) from October 29- November 5, 2020.
- Participated in the National webinar on ‘Changing Dynamics in Nutrition’ held during the National Nutrition Month celebrations by the Department of Food Technology of the college on September 26, 2020.
- Attended webinar on ‘Steps Towards Complex Matter: Chemistry!’ by Nobel Laureate Prof. Jean-Marie LEHN organized by the National Academy of Sciences, India (NASI) - Delhi Chapter- & MHRD-Institution Innovation Council (IIC) and Deen Dayal Upadhyaya College Chapter, University of Delhi on September 21, 2020.
- Attended Faculty Development Programme on ‘Biosafety, Bioethics and IPR’ organized by the Department of Microbiology, Ram Lal Anand College, University of Delhi under the DBT Star College Scheme from August 24-28, 2020.
- Participated in online Hands-on-Training on ‘Referencing Scientific Literature: How to Cite and Write’ organized by the college as part of the National Science Series 2020 on August 7, 2020.

- Attended talk on 'Molecular Strategies to Combat COVID-19 Virus' organized by the Department of Microbiology of the college on July 15, 2020.
- Participated in the Faculty Development Programme on 'Understanding Google Classroom' organized by the Automation and Digitization committee of the college from May 13-14, 2020.

Dr. Shvetambri Arora

- Participated in a workshop on 'Bioinformatics and Biostatistics: A Beginner's Guide' organized by Shivaji College, University of Delhi from January 16-20, 2021.
- Participated in a workshop on 'Bioinformatics, Sequence Analysis to Model Building' organized by the Department of Botany of the college on November 21-22, 2020.
- Participated in a workshop on 'Design of Experiments using Statistical Tools' organized by the Department of Botany of the college on November 6-7, 2020.
- Participated in a workshop on 'Online licensing and Open Educational Resources' organized by the Automation and Digitization committee of the college on October 28, 2020.
- Invited for discussion on 'Addressing Air Pollution in Hot-Spots of Delhi- Stakeholder Consultation' organized by Clean Air Asia on October 28, 2020.
- Coordinated a National webinar on 'Career Opportunities in Indian Air Force' organized by Career Counselling cell of the college on August 27, 2020.
- Participated in the Faculty Development Programme on 'Biosafety, Bioethics and IPR' organized by the Department of Microbiology, Ram Lal Anand College, University of Delhi from August 24-28, 2020.
- Participated in 'National Science Series 2020: Igniting Young Minds', a four-day Virtual Learning Program organized by the college from August 4-6, 2020.
- Participated in the Faculty Development Programme on 'Pedagogical Training for Effective Online Teaching and Learning' organized by Deen Dayal Upadhyaya College, University of Delhi in collaboration with K.T.H.M. College, Nashik from August 3 -10, 2020.
- Participated in National workshop on 'Learning Management System - Moodle' organized by Department of Educational Technology, SNDT Women's University Mumbai, Teaching Learning Centre, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD from July 27-August 2, 2020.
- Participated in the Faculty Development Programme on 'Advanced Concepts for Developing MOOCS' organized by Teaching Learning Centre, Ramanujan College, University of Delhi, PMMMNMTT of MHRD from July 2-17, 2020.
- Participated in e-Faculty Development Programme cum workshop on 'Waste to Bioenergy' organized by Department of Life Sciences, School of Basic Sciences and

Research, Sharda University, Uttar Pradesh and Department of Agricultural Engineering, Aurangabad from June 28-July 4, 2020.

- Participated in the Faculty Development Programme on ‘Entrepreneurship, Incubation and Innovation’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi, PMMMNMTT of MHRD from June 23-29, 2020.
- Participated in the e-International symposium on ‘Synthesis and Characterization of Smart Materials and their Potential Applications’ organized by University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha, University from June 14-17, 2020.
- Participated in a short-term course on ‘Trends and Prospects in Biorefinery’ organized by Department of Biotechnology, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar from June 10-14, 2020.
- Participated in a short-term course on ‘Environment an Intelligent Recycling System’ organized by the Department of Botany, Govt. College for Girls, Sector-14, Gurugram from June 5-6, 2020.
- Participated in the Faculty Development Programme on ‘Managing Online Classes and Co-creating MOOCS:2.0’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi, PMMMNMTT of MHRD on May 18-June 3, 2020.
- Participated in Intercollege Faculty Development Programme on ‘Understanding Google Class Room’ organized by Automation and Digitization committee of the college on May 13-14, 2020.
- Participated in the Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the Automation and Digitization committee of the college on May 8-10, 2020.
- Completed the course on ‘Coronavirus Disease 2019’ by AACC Learning Lab for Laboratory Medicine, Harvard Medical School on March 31, 2020.

Dr. Shubhra Barwa

- Participated in the Faculty Development Programme on ‘Innovation in Scientific Research Methods’ organized by Kirori Mal College, University of Delhi from October 14-18, 2020.
- Participated in International webinar on ‘Innovation and Practices in Biological and Environment Sciences’ organized by Raghunath girls (P.G) college, Meerut, Uttar Pradesh on June 28, 2020.
- Participated in a Faculty empowerment workshop on ‘Application of ICT tools for Higher Education’ jointly organized by Motilal Nehru college (M) and Motilal Nehru college (E), University of Delhi on June 11-12, 2020.
- Participated in the Faculty Development Programme on ‘Virtual Learning Creativity Tools’ organized by Rayat Institute of Management, Ropar Campus on June 9, 2020.

- Participated in International webinar on ‘Science and Engineering for Nature Conservation’ organized by J.C.Bose University of Science and Technology, YMCA Faridabad on June 5, 2020.
- Participated in an International virtual conference on ‘Novel Corona and Novel Challenges: Life Ahead with Covid-19’ organized by Sri Guru Gobind Singh College, Chandigarh on June 3, 2020.
- Participated in National webinar on ‘Academic Integrity and Quality Measuring Tools in Research and Publication’ organized by Rajaram college, Kolhapur on May 31, 2020.
- Participated in the National webinar on ‘Preventive Healthcare Diagnostic Platforms based on Micro Nano-Technologies’ organized by Lady Irwin College, University of Delhi on May 30, 2020.
- Resource person for Faculty Development Programme ‘Virtual learning tools during Pandemic’ organized by Rayat Groups of Institutions, Ropar Campus on May 28, 2020.
- Participated in a five-day National workshop on ‘Research Methodology’ organized by Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh from May 26-30, 2020.
- Participated in National webinar on ‘Open Education Resources’ organized by Department of Chemistry, Gargi College, University of Delhi on May 21, 2020.
- Attended International e-conference on ‘Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World’ organized by Government Vidarbha Institute of Science & Humanities, Amravati, Maharashtra from May 15-17, 2020.
- Participated in National webinar on ‘Research Publications: Skills Ethics and Misconducts’ organized by Kumaraguru College of Technology, Coimbatore on May 15, 2020.
- Participated in a three-day online Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the Automation and Digitization committee of the college on May 8-10, 2020.
- Participated in Faculty Development Programme on ‘ICT Enabled Higher Education in India: Challenges and Opportunities’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on April 17, 2020.

Students' Achievements

- Sudiksha Gupta of second year won the third position in ‘Poster Making Competition’ in the departmental annual cultural fest organized by the Department of Zoology of the college on February 15, 2021.

- Ashima Jha of second year won the first prize in Online Debate Competition organized by KCC Institute of Legal and Higher Education, Greater Noida on January 30, 2021.
- Ashima Jha of second year participated as a Jury member in the first edition of Jaipuria Institute of Management, Jaipur I-MUN Summit 2020 from November 21-22, 2020.
- Bidisha Haldar of second year won the second position in ‘Foodle-Doodle making Competition’ organized by the Department of Food Technology of the college on October 20, 2020.
- Ashima Jha of second year participated as a Jury member in an online conference on ‘Global Transparency and Justice for the World’s Innovation in the midst of the COVID-19 Pandemic’ organized by Asia Pacific International Model United Nations (APIMUN) on September 19-20, 2020.
- Ashima Jha of second year passed the sixth year of sangeet prabhakar examination in the subject ‘Bharat Natyam’ with first division from Prayag Sangeet Samiti, Allahabad on September 3, 2020.
- Bidisha Haldar of second year won the second position in ‘National Food-Pyramid Project’ organized by Indian Federation of Culinary Associations (IFCA), Tag Taste in collaboration with the Department of Food Technology of the college on August 5, 2020.
- Ashima Jha of second year won the ‘Special Mention’ award in the digital Championship Edition of Legatus Youth Conference on July 31, 2020.
- Ashima Jha of second year won the ‘Most Outstanding Delegate’ award at Asia Pacific International Model United Nations Online Convention on the title ‘Global Transparency and Justice for the World’s Innovation in the midst of COVID-19 Pandemic’ on July 4-5, 2020.
- Ashima Jha of second year won the ‘High Commendation’ award in the ‘Historic United Nations Security Council’ committee at the first edition of Ethereal Model United Nations on June 20, 2020.
- Ashima Jha of second year won the ‘Verbal Commendation’ award at Asia Pacific International Model United Nations online conference on ‘Global Transparency and Justice for the World’s Innovation in the midst of COVID-19 Pandemic’ on June 12-13, 2020.
- Ashima Jha of second year won the ‘Best Delegate’ award in Eloquence Model United Nations organized by Shayoka Life Sciences on May 30, 2020.
- Ashima Jha of second year won the ‘Special Mention’ award at Orbis Model United Nations on May 16-17, 2020.

DEPARTMENT OF BOTANY

Departmental Activities

- Organized a one-day workshop on ‘Screening of Natural Compounds by Molecular Docking, ADMET and Toxicity Studies: Hands-on Training’ on February 27, 2021. The workshop consisted of two sessions. Mr. Abhijit Debnath, NIET (Pharmacy Institute), Greater Noida, India delivered an informative talk on the natural phytocompounds and several methods used in drug designing in the first session. In the hands-on-session the speaker demonstrated the various software used in *in-silico* analysis of various protein molecules and drug designing. Dr. N. S. Abbas was the convener, Dr. Sujata Bhardwaj was the co-convener, Dr. Shikha Srivastava was the coordinator and Dr. Salam Sonia Devi, Dr. Julie Thakur, Dr. Dinakaran and Dr. Gurumayum Suraj Sharma were the organizing committee members.
- Organized a two-day workshop on ‘Bioinformatics: Sequence Analyses to Model Building’ from November 21-22, 2020. Dr. Sharad Vashisht, Scientist-II, Thermo Fisher Scientific, Bangalore delivered a lecture and conducted a hands-on-session on ‘Sequence Alignment & Analysis’ on November 21, 2020. Dr. Neetu Sain, Scientist-II, Thermo Fisher Scientific, Bangalore delivered a lecture and conducted a Hands-on Session on ‘Structure Modeling & Visualization’ on November 22, 2020. Dr. N. S. Abbas was the convener, Dr. Sujata Bhardwaj was the co-convener, Dr. Gurumayum Suraj Sharma was the coordinator and Dr. Salam Sonia Devi, Dr. Dinakaran, Dr. Julie Thakur, and Dr. Shikha Srivastava were the organizing committee members.
- Organized a two-day workshop on ‘Design of Experiments (DoE) using Statistical Tools’ from November 6-7, 2020. Dr. Avnish Pareek, University of Technology and Applied Sciences, Sur Campus, Ministry of Higher Education, Oman delivered an informative talk and conducted a hands-on-session on ‘Level -2 Factorial and Fractional Factorial Design’. Dr. N. S. Abbas was the convener, Dr. Sujata Bhardwaj was the co-convener, Dr. Salam Sonia Devi was the coordinator, Dr. Shikha Srivastava, Dr. Julie Thakur, Dr. Dinakaran and Dr. Gurumayum Suraj Sharma were the organizing committee members.
- Organized a poster-making competition on the theme ‘Ozone for Life: 35 years of Ozone Layer Protection’ in collaboration with Eco club of the college to celebrate World Ozone Day on September 16, 2020. Dr. N.S. Abbas was the convener and Dr. Julie Thakur was the coordinator.
- Organized a one-day National webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ on May 16, 2020 by Dr. Shivani Ghildiyal, Department of Dravyaguna, All India Institute of Ayurveda (AIIA), New Delhi. Dr. N. S. Abbas was the convener, Dr. Sujata Bhardwaj was the co-convener, Dr. Shikha Srivastava was the coordinator and Dr. Salam Sonia Devi, Dr. Julie Thakur, Dr. Dinakaran and Dr. Gurumayum Suraj Sharma were the organizing committee members.
- Visited Rashtrapati Bhawan and Mughal Garden on March 6, 2020. The trip started with a tour of the Rashtrapati Bhawan and proceeded towards the Mughal Garden which is a

historical garden and is well known for its wide variety of flowers. Dr. Sujata Bhardwaj, Dr. Julie Thakur and Dr. Gurumayum Suraj Sharma were the teacher coordinators.

Dr. N.S. Abbas

- Certificate of recognition was awarded for excellent contribution to ‘Current World Environment Journal’ as a Reviewer for the year 2021.
- Tripathi, A., **Abbas, N. S.**, & Nigam, A. (2021). Biochemical profiling of in-vitro regenerated and conventionally grown *Ocimum basilicum* var. *thyrsiflora* plants. *Vegetos*, 1-6.
- Successfully completed a one-week online National Faculty Development Programme on ‘Digital Tools for 21st Century: Word Processing & Spreadsheets’ organized by Guru Angad Dev Teaching Learning Centre, under Pandit Madan Mohan Malviya National Mission (PMMMNMTT- MHRD), Government of India from January 27- February 2, 2021.
- Successfully completed two-week Faculty Development Programme on ‘Digital Tools for 21st Century Teachers’ organized by Guru Angad Dev Teaching Learning Centre, under PMMMNMTT- MHRD, Government of India from December 10-23, 2020.
- Successfully completed one-week Faculty Development Programme on ‘Higher Education: Road Ahead Developing Next Generation Academic Leaders’ organized by the Department of Commerce & IQAC, Sri Venkateswara College, University of Delhi, in collaboration with PMMMNMTT-MHRD, Government of India, and Teaching Learning Centre, Ramanujan College, University of Delhi from November 25-December 1, 2020.
- Successfully completed a one-week Faculty Development Programme on ‘Innovations in Scientific Research Methods’ organized by Kirori Mal College, University of Delhi from October 14-18, 2020.
- Successfully completed one-week National Faculty Development Programme on ‘Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT-MHRD from September 12-20, 2020.
- Successfully completed a one-week Faculty Development Programme on ‘Pedagogical Training for Effective Online Teaching and Learning’ organized by Deen Dayal Upadhyaya College, University of Delhi and K.T.H.M. College, Nashik from August 3-10, 2020.
- Participated in a National workshop on ‘Learning Management System: Moodle’ organized by Teaching Learning Centre under PMMMNMTT-MHRD, Department of Educational Technology SNDT Women's University Juhu Road, Santacruz West, Mumbai from July 27-August 2, 2020.

- Successfully completed a one-week Faculty Development Programme on ‘Implementation of Information and Communication Technology in Teaching’ organized by School of Legal Studies, Cochin University of Science and Technology in collaboration with The Kerala State Higher Education Council from July 18-24, 2020.
- Participated in an International webinar on ‘Cellular Therapies for Arthritic Diseases: Clinical Translation and Obstacles’ organized by the college and National University of Ireland, Galway on July 17, 2020.
- Participated in a National webinar on ‘Phytoremediation Technologies: An Overview’ organized by the PG Department of Chemistry, A.P.C. Mahalaxmi College for Women, Thoothukudi, Tamil Nadu held on July 11, 2020.
- Participated in a one-day webinar on ‘Covid-19 as a Catalyst for Digital Transformation’ held during the webinar series 2020 organized by Department of Microbiology of the college on July 11, 2020.
- Participated in a National webinar on ‘Proteomics Technologies and its Application for Covid-19 Research’ held during the webinar series 2020 organized by Department of Microbiology of the college on July 10, 2020.
- Participated in a National webinar on ‘Impact of COVID-19 on Research Progress in Life Sciences: Mitigation of Losses and the Way Forward’ organized by the Department of Life Sciences, Mansarovar Global University, Bhopal, India and the National Academy of Sciences, India on July 5, 2020.
- Participated in a National webinar on ‘The Journey of Creating an Informational Video including the Research that Goes into it’ organized by the college on July 3, 2020.
- Successfully completed two-week Faculty Development Programme on ‘Advanced Concepts for Developing MOOCS’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT-MHRD, Government of India from July 2-17, 2020.
- Participated in a workshop cum Faculty Development Programme on ‘Waste to Bioenergy’ jointly organized by the Department of Life Sciences, School of Basic Sciences and Research, Sharda University, Uttar Pradesh and the Department of Agriculture Engineering, Maharashtra Institute of Technology from June 28-July 4, 2020.
- Participated in an International webinar on ‘Innovations and Practices in Biological and Environmental Sciences’ jointly organized by the Department of Botany, Raghunath Girls (P.G.) College, Meerut, Uttar Pradesh and Department of Biotechnology and Microbiology, M.I.E.T. Meerut on June 28, 2020.
- Participated in a National webinar on ‘Innovation and Intellectual Property Rights’ held during the webinar series 2020 organized by the Research Development Cell of Smt. CHM College, Ulhasnagar on June 27, 2020.

- Participated in the International webinar on ‘Epidemiology, Diagnostics and Therapeutic Approaches to Combat COVID-19’ organized by the Pranahi, the Eco club of the college on June 26, 2020.
- Successfully completed a one-week Faculty Development Programme on ‘Entrepreneurship, Incubation and Innovation’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT-MHRD, Government of India from June 23-29, 2020.
- Participated in a National webinar on ‘Covid-19 Pandemic: Voice of Youth - An Urgent Need of Psycho-Social Support’ organized by M.B.G.P.G. College, Haldwani in association with Uttarakhand Open University, Haldwani and Directorate Higher Education, Uttarakhand from June 21-22, 2020.
- Participated in a National webinar on ‘Nurturing Research Culture and Enhancing Teaching Learning through the Star College Scheme of DBT’ organized by the Faculty of Science, Patna Women’s College, Patna University from June 17-18, 2020.
- Participated in a National webinar on ‘Current Trends in Botany’ organized by the Department of Botany and IQAC, Dr. Annasaheb G.D. Bendale Mahila Mahavidyalaya, Jalgaon on June 16, 2020.
- Participated in a National webinar on ‘Role of Chromosome in Plant Taxonomy’ organized by the Department of Botany, Bhaskar Waman Thakur College of Science, Yashvant Keshav Patil College of Commerce, Vidhya Dayanand Patil College of Arts, VIVA College on June 15, 2020.
- Participated in a National webinar on ‘Documentation for Data Verification & Validation (DVV) and Peer Team Visit (PTV) NAAC’ organized by the Internal Quality Assurance Cell (IQAC) of Mahatma Phule Mahavidyalaya, Kingaon on June 15, 2020.
- Participated in an International webinar on ‘Synthesis and Characterization of Smart Materials and their Potential Applications’ organized by the University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, New Delhi from June 14-17, 2020.
- Participated in an International webinar on ‘U.S. Food and Drug Administration: Role in COVID-19 Response’ organized by the Department of Microbiology of the college on June 11, 2020.
- Participated in a one-week Faculty Development Programme on ‘Open Source Tools for Research’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT-MHRD, Government of India from June 8-14, 2020.
- Participated in a National webinar on ‘Biodiversity and Conservation’ organized by Daulat Ram College, University of Delhi on June 8, 2020.
- Participated in webinar on ‘Coronavirus 101’ organized by Department of Microbiology of the college on June 8, 2020.

- Participated in a National webinar on ‘Environment: An Intelligent Recycling System’ organized by the Department of Botany, Govt. College for Girls, Sec. 14, Gurugram from June 5-6, 2020.
- Participated in a National webinar on ‘The Relevance of Contemporary World Conditions and Gandhian Thoughts’ organized by Mahatma Gandhi Study Center, R.C. Patel Arts, Commerce and Science College, Shirpur Dist. Dhule (M.S.), on June 5, 2020.
- Participated in a National webinar on ‘COVID-19: Impact on Environment and Social Change’ organized by Pranahi, the Eco club of the college on June 5, 2020.
- Participated in a National webinar on ‘Learner Differences and Different Learning Needs’ organized by Internal Quality Assurance Cell (IQAC) of Smt. P.N. Doshi Women’s College in association with MUCTA on May 30, 2020.
- Participated in a National webinar on ‘Overview and Opportunities in the Field of LC-MS/MS Based Bioanalysis’ organized by the Faculty of Pharmacy, Mansarovar Global University, Bhopal, India on May 30, 2020.
- Participated in a National webinar on ‘Obesity Management’ jointly organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.
- Participated in a National webinar on ‘Sanskrit for Computers and Computers for Sanskrit’ organized by the Department of Computer Science of the college on May 29, 2020.
- Participated in a three-day National webinar on ‘Multidimensional Perspectives of Navigating with COVID 19’ organized by Internal Quality Assurance Cell (IQAC) of Smt. P.N. Doshi Women’s College in association with MUCTA from May 27-29, 2020.
- Participated in the two-day International symposium on ‘Role of Plants as Medicine and Immunity Booster with special reference to Covid-19 Pandemic’ organized by Sri Guru Teg Bahadur Khalsa College, Jabalpur, M.P. from May 26-27, 2020.
- Participated in a three-day National webinar on ‘Let’s Meet 20 Minutes - A Series of Expert Talk’ organized by the Higher Education & Research Society, Mumbai from May 24-26, 2020.
- Participated in a one-day webinar on ‘New Opportunities in Medicinal Plants Sector for Farmers and Entrepreneurs’ organized by Mansarovar Global University, Bhopal, India on May 24, 2020.
- Participated in a two-day Faculty Development Programme on ‘Techno-Pedagogical Aspect of Global Competency in Higher Education’ organized by the college from May 22-27, 2020.
- Participated in a two-day webinar on ‘Plant Biology: A Journey from Earth to Space’ organized by the Department of Botany, Ramjas College, University of Delhi from May 22-23, 2020.

- Participated in a one-day webinar on ‘Understanding Lab Diagnosis of SARS-CoV-2 Infection’ organized by the Department of Microbiology of the college on May 21, 2020.
- Participated in a one-day webinar on ‘Higher Education In India: Pandemic Paradigms’ organized by Inter-University Center for Teacher Education (IUCTE), the Department of Education, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat on May 20, 2020.
- Successfully completed two-week Faculty Development Programme on ‘Managing Online Classes and Co-Creating MOOCs:2.0’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi from May 18-June 3, 2020.
- Participated in a two-day webinar on ‘Cybergogy for 21st Century Classrooms’ organized by Internal Quality Assurance Cell (IQAC) of Dyal Singh College, University of Delhi from May 18-19, 2020.
- Participated in a National webinar on ‘Evolution of Science seen from Historical Perspective’ organized by the Department of Botany, Deshbandhu College, University of Delhi from May 12-13, 2020.
- Participated in a two-day Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in a National webinar on ‘Revisiting Well-Being’ organized by the Department of Human Communication of the college on May 6, 2020.
- Participated in a one-week online workshop on ‘ICT Tools for Online Learning’ organized by SNDT Women’s University, Teaching Learning Centre, Department of Educational Technology under PMMMNMTT-MHRD from April 20- 28, 2020.
- Participated in a National conference on ‘Recent Trends and Advancements in Chemical Sciences’ organized by the Department of Chemistry of the college in association with the Society for Promotion of Education and Science from March 29-31, 2020.
- Participated in a two-week workshop on ‘Online and Blended Learning’ organized by SNDT Women’s University, Teaching Learning Centre, Department of Educational Technology under PMMMNMTT-MHRD from March 9-21, 2020.

Dr. Sujata Bhardwaj

- Participated in a webinar on ‘Cancer Awareness for Women’ jointly organized by the Department of Biomedical Science of the college and Dr. B.R. Ambedkar Centre for Biomedical Research (ACBR), University of Delhi on February 22, 2021.
- Successfully completed a National Faculty Development Programme on ‘Digital Tools for 21st Century: Word Processing & Spreadsheets’ organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit

Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT-MHRD) of MoE from January 27-February 2, 2021.

- Participated in two-week National Faculty Development Programme on ‘Digital Tools for 21st Century Teachers’ organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under PMMMNMTT-MHRD from December 10-23, 2020.
- Participated in a webinar on ‘Change Your Mind, Change Your Life’ organized by the college on October 10, 2020.
- Participated in a webinar on ‘Environment and Urban Ecosystem: From Individual to Ecological’ organized by Vivekanand College, University of Delhi on September 30, 2020.
- Participated in a webinar on ‘Opportunities for Women in Atmanirbhar Bharat’ organized by the college on September 26, 2020.
- Successfully completed one-week National Faculty Development Programme on ‘Development of Teacher’s e-kit and MOOCs in Four Quadrant Format of e-Content’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT- MHRD from September 12-20, 2020.
- Participated in a webinar on ‘Promotional Avenues for Teachers in Higher Education: CAS Regulations-2018’ organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under PMMMNMTT-MHRD on September 5, 2020.
- Attended a webinar on ‘Reading and Decoding Food Labels’ organized by the Department of Food Technology of the college on August 29, 2020.
- Participated in a one-day webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by the college on August 25, 2020.
- Participated in a one-day webinar on ‘Demystifying Food Allergy and Food Intolerances’ organized by the Department of Food Technology of the college on August 15, 2020.
- Successfully completed a one-week Faculty Training Program on ‘Pedagogical Training for Effective Online Teaching and Learning’ organized by Deen Dayal Upadhyaya College, University of Delhi and K.T.H.M. College, Nashik from August 3-10, 2020.
- Participated in a one-day webinar on ‘Digital Marketing’ organized by the college on July 30, 2020.
- Participated in a one-day webinar on ‘Utilization of Agricultural/Forest residues in Renewable Energy for Sustainable Development’ organized by G.B. Pant University of Agriculture and Technology, Pant Nagar and Society of Biological Chemists, India, Pant Nagar Chapter at the Department of Biochemistry, C.B.S. & H., Pantnagar on July 30, 2020.

- Participated in a one-day webinar on ‘Challenges of Standards and Conformity Assessment in Food Sector’ organized by the Department of Food Technology of the college on July 29, 2020.
- Participated in an International webinar on ‘Cellular Therapies for Arthritic Diseases: Clinical Translation and Obstacles’ organized by the Department of Biomedical Science of the college and National University of Ireland, Galway on July 17, 2020.
- Participated in a one-day talk on ‘Know Your Cooking Oils’ organized by the Department of Food Technology of the college and AFST (I) Delhi Chapter on July 17, 2020.
- Participated in a one-day talk on ‘Molecular Strategies to Combat COVID-19 Virus’ held during webinar series 2020 organized by Department of Microbiology of the college on July 15, 2020.
- Participated in a one-day webinar on ‘COVID-19: Accosting the Pandemic using CRISPR Scissors’ held during webinar series 2020 organized by Department of Microbiology of the college on July 13, 2020.
- Participated in a webinar on ‘Covid-19 as a Catalyst for Digital Transformation’ held during the webinar series 2020 organized by the Department of Microbiology of the college on July 11, 2020.
- Participated in a one-day webinar on ‘Proteomics Technologies and its Application for Covid-19 Research’ organized by the Department of Microbiology of the college on July 10, 2020.
- Participated in a National webinar on ‘Tinkering with Plant Genomes’ organized by the Department of Botany, Miranda House, University of Delhi on July 6, 2020.
- Participated in a one-day webinar on ‘Impact of COVID-19 on Research Progress in Life Sciences: Mitigation of Loosest and The Way Forward’ organized by Mansarovar Global University, Bhopal, India on July 5, 2020.
- Participated in the webinar on ‘Cyber Security Awareness: II’ organized by the Automation and Digitization committee of the college on July 3, 2020.
- Participated in a two-week Faculty Development Programme on ‘Advanced Concepts for Developing MOOCS’ organized by PMMMNM TT-MHRD, Teaching Learning Centre, Ramanujan College, University of Delhi from July 2-17, 2020.
- Participated in the International webinar on ‘Epidemiology, Diagnostics and Therapeutic Approaches to Combat COVID-19’ organized by Pranahi, the Eco club of the college on June 26, 2020.
- Participated in a one-day webinar on ‘Biosafety & Biosecurity’ during webinar series 2020 on COVID-19 Pandemic: The Road Map to Recovery organized by the Department of Microbiology of the college held on June 25, 2020.

- Successfully completed one-week Faculty Development Programme on ‘Entrepreneurship, Incubation and Innovation’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi from June 23-29, 2020.
- Participated in an International webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary Committee of the college on June 22, 2020.
- Participated in a one-day webinar on ‘Yoga: Detoxing Mind Body & Soul’ organized by the college held on June 21, 2020.
- Participated in a National webinar on ‘Medicinal Plants: Eternal Source of Health and Wellness’ organized by Swami Shradhanand College, University of Delhi on June 17, 2020.
- Participated in an International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by the Department of Physics of the college on June 12, 2020.
- Participated in a National webinar on ‘Being Healthy’ jointly organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on June 9, 2020.
- Participated in one-day webinar on ‘Coronavirus 101’ organized by the Department of Microbiology of the college on June 8, 2020.
- Participated in a one-day National webinar on ‘Biodiversity and Conservation (NWBC 2020)’ organized by Daulat Ram College, University of Delhi on June 8, 2020.
- Participated in the National webinar on ‘COVID 19-Vaccine Perspective’ organized by the Department of Microbiology of the college on June 6, 2020.
- Participated in one-day webinar on ‘Biodiversity and Man’ organized by the Department of Botany, Dyal Singh College, University of Delhi in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on June 5, 2020.
- Participated in a one-day webinar on ‘Biodiversity, Bioindicators, Monitoring and Ecosystem Health’ organized by Guru Nanak Dev University, Amritsar on June 5, 2020.
- Participated in the National webinar on ‘Obesity Management’ jointly organized by the Department of Physical Education of the college & Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.
- Participated in a one-day webinar on ‘Staying Nourished with Correct Nutrition’ organized by Gargi College, University of Delhi on May 29, 2020.
- Participated in a one-day webinar on ‘New Opportunities in Medicinal Plants Sector for Farmers and Entrepreneurs’ organized by Mansarovar Global University, Bhopal, India on May 24, 2020

- Successfully completed Faculty Development Programme on ‘Online transaction of Courses with Moodle- LMS’ organized by the Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in a National webinar on ‘Managing Food Safety and Quality in the Time of COVID 19’ organized by the Department of Food Technology of the college on May 6, 2020.

Dr. Salam Sonia Devi

- Participated in a two-week National Faculty Development Programme on ‘Digital Tools for 21st Century Teachers’ organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MoE-MHRD from December 10- 23, 2020.
- Participated in a National webinar on ‘Restoring Biodiversity for Environment Sustainability & Seasonality of Gardens’ organized by Kalindi College, University of Delhi on October 15, 2020.
- Coordinated and participated in a webinar on ‘Reflections on Entrepreneurship Development and North East India’ organized by the North East cell of the college on October 8, 2020.
- Participated in a webinar on ‘National Education Policy-2020’ a collaborative event by the National Service Scheme Unit and Unnat Bharat Abhiyan Society of Shaheed Rajguru College of Applied Sciences for Women, University of Delhi on September 29, 2020.
- Participated in a webinar on ‘Floriculture & Terrace Gardening’ organized by Mahatma Gandhi Institute for Combating Climate Change, Govt. of NCT of Delhi, Bakoli, Delhi on August 7, 2020.
- Participated in a National workshop on ‘Learning Management System: Moodle’ organized by Teaching Learning Centre under PMMMNMTT-MHRD and the Department of Educational Technology SNDT Women's University, Juhu Road, Santacruz West, Mumbai from July 27-August 2, 2020
- Participated in an International webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary Committee of the college on June 22, 2020.
- Participated in an International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Participated in an International webinar on ‘COVID-19: Truths and Myths’ organized by Internal Quality Assurance Cell, Acharya Narendra Dev College, University of Delhi on June 9, 2020.

- Successfully completed a one-week Faculty Development Programme on ‘Open Source Tools for Research’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi from June 8-14, 2020.
- Participated in a National webinar on ‘Entrepreneurship Aspects on Biodiversity Conservation and Indigenous Healing Practices of Northeast India’ organized by the IBSD Centre, Kalindi College, University of Delhi on June 2, 2020.
- Successfully completed Faculty Development Programme on ‘Online Transaction of Courses with Moodle- LMS’ organized by the Automation and Digitization committee of the college from May 8-10, 2020.

Dr. J. Dinakaran

- Participated in the International webinar on ‘Sustainable Rice Production (SRP) with a Focus on Organic Rice Production’ organized by Central and West Asian Rice Center (CWARice), Iran from December 8-9, 2020.
- Reviewer for the Journal *Plant and Soil* (ISSN: 1573-5036), Springer Nature publication.
- Participated in the International webinar on ‘Modern Techniques in Rice Breeding: Progress and Prospects in Tissue Culture’ organized by Central and West Asian Rice Center (CWARice), Iran on November 2, 2020.
- Reviewer for the journal *Current Science* (ISSN:0011-3891), Current Science Association, India.
- Successfully completed a one-week Faculty Development Programme on ‘Developing Multimedia Enriched Powerful Presentations’ organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD from September 12-20, 2020.
- Participated in the International webinar on ‘The Importance of Historical Ecology for Interpreting the Process of Evolution in Plants of Oceanic Islands’ organized by the Department of Life Sciences, Mansarovar Global University, Bhopal, India on September 11, 2020.
- Reviewer for the Journal *National Academy Science Letters-India* (ISSN: 0250-541X), Springer India publication.
- Participated in the webinar on ‘Cyber Security Awareness: V’ organized by the Automation and Digitization committee of the college on August 29, 2020.
- Reviewer for the Journal *Ecological Indicators* (ISSN: 1470-160X), Elsevier publication.

- Participated in the webinar on ‘National Science Series: Igniting Young Minds’ organized by the college from August 4-6, 2020.
- Participated in the webinar on ‘So Let us Reflect on Striving for Excellence, Social Equity, and Environmental Security’ organized by the Department of Science, Lady Irwin College, University of Delhi on July 27, 2020.
- Successfully completed a two-week Faculty Development Programme on ‘Managing Online Classes and Co-Creating Moocs 3.0’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT- MHRD from July 25- August 10, 2020.
- Reviewer for the Journal *Plant and Soil* (ISSN: 1573-5036), Springer Nature publication.
- Participated in a webinar on ‘Phytoremediation Technologies: An Overview’ organized by the PG Department of Chemistry, A.P.C.Mahalaxmi College for Women, Thoothukudi, Tamil Nadu on July 11, 2020.
- Reviewer for the Journal *Carbon Management* (ISSN: 1758-3004), Taylor and Francis publication.
- Successfully completed Faculty Development Programme on ‘Advanced Concepts for Developing MOOCS’ organized by the Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT-MHRD, Government of India from July 2- 17, 2020.
- Participated in an International webinar on ‘Epidemiology, Diagnostics and Therapeutic Approaches to Combat COVID-19’ organized by Pranahi, the Eco club of the college on June 26, 2020.
- Successfully completed a one-week Faculty Development Programme on ‘Advanced Concepts for Developing MOOCS’ organized by the Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT-MHRD, Government of India from June 23-29, 2020.
- Reviewer for the *Journal of Environmental Management* (ISSN: 0301-4797), Academic Press Ltd- Elsevier Science publication Ltd.
- Participated in the Online Super Session on ‘Future of Education’ conducted by ICT Academy on June 18, 2020.
- Reviewer for the Journal *Plos One* (eISSN: 1932-6203). PlosOne Publisher.
- Participated in an International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Participated in an International webinar on ‘Covid-19: Truths and Myths’ organized by IQAC, Acharya Narendra Dev College, University of Delhi on June 9, 2020.

- Participated in the National webinar on ‘Being Healthy’ jointly organized by the Department of Physical Education of the college & Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on June 9, 2020.
- Successfully completed a one-week Faculty Development Programme on ‘Open Source Tools for Research’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi from June 8-14, 2020.
- Participated in the webinar on ‘Biodiversity and Man’ organized by the Department of Botany, Dyal Singh College, University of Delhi in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on June 5, 2020.
- Participated in the National webinar on ‘COVID-19: Impact on Environment and Social Change’ organized by Pranahi, the Eco club of the college on June 5, 2020.
- Participated in the National webinar on ‘Entrepreneurship Aspects on Biodiversity Conservation and Indigenous Healing Practices of Northeast India’ organized by IBSD Centre, Kalindi College, University of Delhi on June 2, 2020.
- Participated in the National webinar on ‘Obesity Management’ jointly organized by the Department of Physical Education of the college & Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.
- Participated in the webinar on ‘Covid19 and Environment: Present Benefits, Future Challenges and Way Forward’ organized by the Internal Quality Assurance Cell (IQAC) and Department of Environmental Studies, Swami Shraddhanand College, University of Delhi on May 25, 2020.
- Participated in the National webinar on ‘Ecological Revival during Pandemic’ organized by the Department of Chemistry of the college on May 21, 2020.
- Successfully completed a two-week Faculty Development Programme on ‘Managing Online Classes and Co-Creating MOOCs: 2.0’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi from May 18- June 3, 2020.
- Participated in a two-day International webinar on ‘Prevalent Crisis Triggered by the Covid19 Pandemic and Its Appraisal’ jointly organized by the Departments of Chemistry & Biomedical Science of the college from May 18-19, 2020.
- Participated in the National webinar on ‘Economic Crisis and its Redressal during Pandemic’ organized by the Department of Chemistry of the college on May 15, 2020.
- Participated in the Faculty Development Programme on ‘Understanding Google Classroom’ organized by the college from May 13-14, 2020.
- Participated in the Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the college from May 8-10, 2020.

- Reviewer for the Journal *Agriculture, Ecosystems and Environment* (ISSN: 0167-8809), Elsevier publication.
- Reviewer for the Journal *Science of the Total Environment* (ISSN: 0048-9697), Elsevier publication.

Dr. Shikha Srivastava

- Participated in a one-week online National Faculty Development Programme on 'Digital Tools for 21st Century: Word Processing & Spreadsheets' organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD of Ministry of Education from January 27- February 2, 2021.
- Participated in two-week online Faculty Development Programme on 'Research Methodology: A Learning Journey from Bivariate Techniques to Multivariate Techniques' organized by the Department of Commerce under the aegis of PMMMNMTT of MHRD, TLC, Ramanujan College, University of Delhi from December 10-23, 2020.
- Participated in the two-week online National Faculty Development Programme on 'Digital Tools for 21st Century Teachers' organized by Guru Angad Dev Teaching Learning Centre under PMMMNMTT of MHRD, Government of India from December 10-23, 2020.
- Coordinated an Inter college debate competition on 'Who should be more Vigilant? State or the Citizen in a Democracy' organized by Debate club of the college on November 2, 2020 to observe 'Vigilance Week 2020' in collaboration with Central Vigilance Commission of India.
- Participated in a five-day Faculty Development Programme on 'Innovation in Scientific Research Methods' organized under the aegis of DBT Star College by Kirori Mal College, University of Delhi from October 14-18, 2020.
- Participated in a one-day webinar on 'Cyber Hygiene for Virtual Teaching Platforms' organized by the Department of Botany under the aegis of Internal Quality Assurance Cell, Maitreyi College, University of Delhi on October 3, 2020.
- Participated in a National webinar on 'Changing Dynamics in Nutrition' organized during the National Nutrition Month Celebrations by the Department of Food Technology of the college on September 26, 2020.
- Participated in a one-day National webinar on 'Comprehensive Approach towards Optimal Learning Environment & Support for Students' under Paramarsh Scheme of the UGC organized by IQAC of MDSD Girls College, Ambala City on September 25, 2020.

- Completed one-week National Faculty Development Programme on ‘Development of Teacher’s e-kit and MOOCs in Four Quadrant Format of e-Content’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT- MHRD from September 12-20, 2020.
- Participated in a webinar on ‘Dietary Management of Coeliac Disease’ organized by the Department of Food Technology of the college on September 5, 2020.
- Participated in a webinar on ‘Reading and Decoding Food Labels’ organized by the Department of Food Technology of the college on August 29, 2020.
- Participated in one-day webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by the college on August 25, 2020.
- Participated in a one-week Faculty Development Programme on ‘Biosafety, Bioethics and IPR’ organized by the Department of Microbiology, Ram Lal Anand College under the DBT Star College Scheme from August 24-28, 2020.
- Participated in a one-week workshop on ‘Recent Advances on Nanosciences and Nanotechnology’ organized by the National Institute of Technology, Srinagar from August 24-28, 2020.
- Participated in one-day webinar on ‘Role of Enzymes in Food Industry and their Regulatory Frameworks’ during webinar series 2020: Let’s Talk About Food organized by the Department of Food Technology of the college in association with AFST (I) Delhi Chapter on August 21, 2020.
- Participated in one-week Faculty Development Programme on ‘ICT Enhanced Teaching Learning and Creating MOOCs’ organized by Ministry of Human Resource Development, PMMMNMTT- Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, University of Delhi from August 18-25, 2020.
- Participated in two-day webinar on ‘New Education Policy and Independent India: Myths and Challenges’ organized by NSS unit, Deshbandhu College, University of Delhi from August 17-18, 2020.
- Participated in a one-day webinar on ‘Demystifying Food Allergy and Food Intolerances’ organized by the Department of Food Technology of the college on August 15, 2020.
- Participated in a one-day International webinar on ‘Environment Gender and Climate Change’ organized by Shivaji College, University of Delhi held on July 28, 2020.
- Participated in five-day National workshop on ‘Learning Management System: Moodle’ organized by SNDT Women’s University, TLC, PMMMNMT-MHRD from July 27- August 2, 2020.

- Participated in a webinar on ‘Initiatives of BIRAC and National Biopharma Mission in the Biopharma Sector and in current Covid-19 Pandemic’ organized by Department of Microbiology of the college on July 25, 2020.
- Participated in an online training program on ‘Gas Chromatography-Mass Spectrometry (GCMS) & MS Data Interpretation’ organized by Acrns Analytical Technologies Pvt Ltd from July 24-25, 2020.
- Participated in a webinar on ‘How Artificial Intelligence Can Help Food and Beverage Companies Innovate’ during webinar series 2020 on ‘Let’s Talk About Food’ organized by the Department of Food Technology of the college and AFST (I) Delhi Chapter on July 24, 2020.
- Participated in a webinar on ‘Certification and Regulations of Organic Foods’ during webinar series 2020, ‘Let’s Talk about Food’ organized by the Department of Food Technology of the college and AFST (I) Delhi Chapter on July 21, 2020.
- Participated in a National workshop on ‘Nucleic Acid Testing (NAT) Technology for Detection of HIV/HCV/HB’ organized by Helix BioGenesis Pvt. Ltd from July 18-19, 2020.
- Participated in a webinar on ‘Know Your Cooking Oils’ during webinar series 2020, ‘Let’s Talk about Food’ organized by the Department of Food Technology of the college and AFST (I) Delhi Chapter on July 17, 2020.
- Participated in webinar on ‘Molecular Strategies to Combat COVID-19 Virus’ held during webinar series 2020 organized by the Department of Microbiology of the college on July 15, 2020.
- Participated in an International webinar on ‘Shaping the Career for 5G Technologies’ organized by the college held on July 15, 2020.
- Participated in a National webinar on ‘Chromatography: Multifaceted Analytical Technique’ organized by Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, affiliated to University of Mumbai from July 14-15, 2020.
- Participated in webinar on ‘COVID-19: Accosting the Pandemic using CRISPR Scissors’ held during webinar series 2020 organized by the Department of Microbiology of the college on July 13, 2020.
- Participated in a webinar on ‘Covid-19 as a Catalyst for Digital Transformation’ held during the webinar series 2020 organized by the Department of Microbiology of the college on July 11, 2020.
- Participated in a webinar on ‘Proteomics Technologies and its Application for Covid-19 Research’ held during the webinar series 2020 organized by the Department of Microbiology of the college on July 10, 2020.

- Participated in webinar on ‘Natural Molecules against SARS-CoV-2: A Molecular Modelling Study’ held during the webinar series 2020 organized by the Department of Microbiology of the college on July 7, 2020.
- Participated in a webinar on ‘Improving Nutrition through Food Fortification’ during webinar series 2020: Let’s Talk about Food organized by the Department of Food Technology of the college on July 6, 2020.
- Participated in a National webinar on ‘Tinkering with Plant Genomes’ organized by the Department of Botany, Miranda House, University of Delhi on July 6, 2020.
- Participated in a National webinar on ‘The Application & Tools in Education for Students and Teacher’s in the Present Scenario’ organized by the Department of Education in association with Council for Teacher Education Foundation, Nagpur from July 3-4, 2020.
- Participated in a two-week Faculty Development Programme on ‘Advanced Concepts for Developing MOOCS’ organized by TLC, Ramanujan College, University of Delhi under PMMMNMTT- MHRD from July 2-17, 2020.
- Participated in an International webinar on ‘Role of Innovative Teaching Strategies to Enhance Pedagogy’ organized by SVB’s Saraswathi College of Education and Research, Dombivli, Mumbai on July 1, 2020.
- Participated in one-day National webinar on ‘Legume Diversity’ organized by the Society for Ecological Research and Natural Resources Management (SERNRM) on June 30, 2020.
- Participated in one-day National webinar on ‘Bundles of Online Teaching’ organized by Sri Ram Krishna Mission Vidyalaya College of Education on June 27, 2020.
- Participated in one-day International webinar on ‘Epidemiology, Diagnostics and Therapeutic Approaches to Combat COVID-19’ organized by Pranahi, the Eco club of the college on June 26, 2020.
- Participated in a webinar on ‘Biosafety & Biosecurity’ of webinar series 2020 ‘Covid 19: The Road Map to Recovery’ organized by the Department of Microbiology of the college held on June 25, 2020.
- Participated in a five-day Faculty Development Programme on ‘Making Higher Education Value Based, Innovative & Research Oriented for Resurgence’ organized by Maharaja Agrasen Institute of Management Studies, Delhi from June 24-30, 2020.
- Participated in webinar on ‘Medical Devices & Diagnostics for Covid-19 Risk Mitigation and Case Management: Needs, Trends and Future of Innovation’ organized by the Department of Microbiology of the college on June 23, 2020.

- Participated in one-day National webinar on ‘Incomparable Chhatrapati Shivaji Maharaj: Usability of his Work, Valuable Thoughts in Present Era’ organized by the Department of History of Arts and Science College, Kurha on June 21, 2020.
- Participated in a one-day webinar on ‘Role of Chromosome in Plant Taxonomy’ organized by the Department of Botany, Bhaskar Waman Thakur College of Science, Yashvant Keshav Patil College of Commerce, Vidhya Dayanand Patil College of Arts, VIVA College held on June 15, 2020.
- Participated in one-day webinar on ‘Post COVID-19: Dimensions of Science’ jointly organized by the Department of Chemistry & Internal Quality Assurance Cell, Smt. Devkiba Mohansinhji College of Commerce and Science, Silvassa on June 10, 2020.
- Participated in a one-week Faculty Development Programme on ‘Open Source Tools for Research’ organized by PMMMNMTT-MHRD, Teaching Learning Centre, Ramanujan college from June 8-14, 2020.
- Participated in two-day International webinar on ‘Life Sciences Interventions to Contain and Combat COVID 19’ organized by the Department of Zoology & Biotechnology, Sri Guru Teg Bahadur Khalsa College, Jabalpur from June 8-9, 2020.
- Participated in webinar on ‘Coronavirus 101’ organized by the Department of Microbiology of the college on June 8, 2020.
- Participated in one-day webinar on ‘Major Trends in Historiography’ organized by Sri Muktanand College, Gangapur, Aurangabad on June 7, 2020.
- Participated in one-day International webinar on ‘Drug Discovery: New Lead from Old Drugs’ organized by the Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Ramaiah University of Applied Sciences, Bengaluru, Karnataka, India on June 6, 2020.
- Participated in a one-day webinar on ‘Biodiversity, Bioindicators, Monitoring and Ecosystem Health’ organized by Guru Nanak Dev University, Amritsar on June 5, 2020.
- Participated in a one-day webinar on ‘Biodiversity and Man’ organized by the Department of Botany, Dyal Singh College, University of Delhi in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on June 5, 2020.
- Participated in one-day webinar ‘Renewable Energy and Climate Change’ organized by The Energy and Resources Institute (TERI ENVIS), Delhi on June 4, 2020.
- Participated in one-day National webinar on ‘Entrepreneurship Aspects on Biodiversity Conservation and Indigenous Healing Practices of Northeast India’ organized by the IBSD Centre, Kalindi College, University of Delhi on June 2, 2020.

- Participated in a Faculty Development Programme ‘Evolution from Offline to Online Teaching’ organized by Satish Pradhan Dnyanasadhna College, Thane from May 30-June 3, 2020.
- Participated in two-day National webinar on ‘Chemistry at the Interface of Biology in Response to COVID-19’ organized by Sri Muktanand College, Maharashtra from May 29-30, 2020.
- Participated in National webinar on ‘Advance Materials for Future’ organized by Morning Star Home Science College, Kerala on May 29, 2020.
- Participated in two-day International symposium on ‘Role of Plants as Medicine and Immunity Booster with Special Reference to Covid-19 Pandemic’ organized by Sri Guru Teg Bahadur Khalsa College, Madhya Pradesh on May 26-27, 2020.
- Participated in one-day webinar on ‘COVID 19 and Environment: Present Benefits, Future Challenges and Way Forward’ organized by the Internal Quality Assurance Cell (IQAC) and Department of Environmental Studies, Swami Shraddhanand College, University of Delhi on May 25, 2020.
- Participated in a one-day webinar on ‘New Opportunities in Medicinal Plants Sector’ organized by Mansarovar Global University, Bhopal on May 24, 2020.
- Participated in one-day webinar on ‘Plant Biology: A Journey from Earth to Space’ organized by the Department of Botany, Ramjas College, University of Delhi from May 22-23, 2020.
- Participated in one-day National webinar on ‘Tweaking Communication in Tandoori Times’ organized by Thakur College of Commerce on May 21, 2020.
- Participated in one-day International webinar on ‘Biodiversity and Environmental Health’ organized by the Department of Environmental Studies, Shivaji College, University of Delhi on May 20, 2020.
- Participated in a one-day Faculty Development Programme on ‘Internet of Things’ organized by Erode Arts and Science College on May 20, 2020.
- Participated in two-day International webinar on ‘Prevalent Crisis Triggered by the Covid-19 Pandemic and Its Appraisal’ jointly organized by the Departments of Chemistry & Biomedical Science of the college from May 18-19, 2020.
- Participated in one-day webinar on ‘Robotics Process Automation Hands on in UI-Path’ organized by the college on May 15, 2020.
- Participated in a one-day webinar on ‘Economic Crisis and Its Redressal during Pandemic’ organized by the Department of Chemistry of the college on May 15, 2020.

- Participated in one-day National webinar on ‘Research Manuscript Writing: Skills and Ethical Misconducts’ organized by Thakur College of Commerce on May 14, 2020.
- Participated in a two-day Faculty Development Programme on ‘Understanding Google Classroom’ organized by the college on May 13-14, 2020.
- Participated in one-day webinar on ‘Evolution of Science Seen from Historical Perspective’ conducted by the Department of Botany, Deshbandhu College, University of Delhi from May 12-13, 2020.
- Participated in a one-day webinar on ‘3D Printing: Materials and Applications’ organized by the college on May 12, 2020.
- Participated in one-day National webinar on ‘Effective Ways to Develop e-Content’ organized by Smt. Devkiba Mohansinhji Chauhan College of Commerce and Science, Silvassa on May 9, 2020.
- Participated in a two-day Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in three-day webinar on ‘Covid 19: Challenges and Road Ahead’ organized by Mahatma Hansraj Faculty Development Centre, A Centre of MHRD, Govt. of India Under PMMMNMTT- MHRD from May 7- 9, 2020.
- Participated in a one-day webinar on ‘Search Research and Publication Ethics’ organized by Kalindi College, University of Delhi on May 4, 2020.
- Participated in a one-week online workshop on ‘ICT Tools for Online Learning’ organized by the Department of Educational Technology, SNDT Women’s University from April 20-28, 2020.
- **Srivastava, S., & Singh, V.P. (2020).** Characterization of biocontrol microorganisms from the rhizoplane of *Decalepis arayalpathra* and screening of secondary metabolites. *Vegetos: An International Journal of Plant Research and Biotechnology*, 33(2), 352-359.
- Participated in two-week workshop on ‘Online and Blended Learning’ consisting of two subtopics ‘ICT Tools for Collaboration’ and ‘Cooperative Learning’ organized by SNDT, Women’s University, Teaching Learning Centre, PMMMNMTT-MHRD from March 9-21, 2020.

Dr. Julie Thakur

- Participated in a National webinar on ‘Recent Advances in Biotechnology’ organized by the Biotechnology Unit, Department of Botany, Jai Narain Vyas University Jodhpur on October 20, 2020.

- Participated in a webinar on ‘Breast Cancer Awareness’ organized by the college on October 17, 2020.
- Participated in a webinar on ‘Urban Food Systems’ organized by Mahatma Gandhi Institute for Combating Climate Change, Govt. of NCT of Delhi, Bakoli, Delhi from October 5-9, 2020.
- Participated in a webinar on ‘The Splendour of Orchids’ organized by Maitreyi College, University of Delhi on September 25, 2020.
- Participated in the International webinar on ‘The Importance of Historical Ecology for Interpreting the Process of Evolution in Plants of Oceanic Islands’ organized by the Department of Life Sciences, Mansarovar Global University, Bhopal, India on September 11, 2020.
- Participated in a webinar on ‘Machine Learning and Data Science for Biologists’ organized by Kiroli Mal College, University of Delhi on September 4, 2020.
- Participated in a one-day webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by the college on August 25, 2020.
- Participated in a one-day webinar on ‘Kitchen Gardening and Household Waste Management’ organized by Mahatma Gandhi Institute for Combating Climate Change, Govt. of NCT of Delhi, Bakoli, Delhi on August 25, 2020.
- Participated in a one-week Faculty Development Programme on ‘ICT Enhanced Teaching Learning and Creating MOOCs’ organized by Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers (PMMMNMT) and Teaching Learning Centre, Ramanujan College, University of Delhi and IQAC, Shivaji College, University of Delhi from August 18-25, 2020.
- Participated in a one-day webinar on ‘Bio-Waste Management’ organized by Mahatma Gandhi Institute for Combating Climate Change, Govt. of NCT of Delhi, Bakoli, Delhi on August 18, 2020.
- Participated in a one-day webinar on ‘Understanding Plagiarism and its Consequences Using Urkund as a Plagiarism Tool’ organized by Delhi Library Association in association with eGalactic Pune on July 24, 2020.
- Participated in a one-day webinar on ‘Proteomics Technologies and its Application for Covid-19 Research’ organized by the Department of Microbiology of the college on July 10, 2020.
- Participated in a National webinar on ‘Tinkering with Plant Genomes’ organized by Miranda House, University of Delhi on July 6, 2020.
- Participated in a National webinar on ‘Impact of COVID-19 on Research Progress in Life Sciences: Mitigation of Losses and the Way Forward’ organized by the Department of Life Sciences, Mansarovar Global University, Bhopal, India and the National Academy of Sciences, India on July 5, 2020.

- Participated in a National webinar on ‘Yoga: Detoxing Mind, Body and Soul’ organized by the Yoga club of the college on June 21, 2020.
- Participated in a National webinar on ‘Future of Education’ organized by Skycampus, ICT Academy on June 18, 2020.
- Participated in an International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by the college on June 12, 2020.
- Participated in an International webinar on ‘U.S. Food and Drug Administration: Role in COVID-19 Response’ organized by the Department of Microbiology of the college on June 11, 2020.
- Participated in a one-week Faculty Development Programme on ‘Open Source Tools for Research’ organized by Ramanujan College, University of Delhi from June 8-14, 2020.
- Participated in a National webinar on ‘COVID-19: Vaccine Perspective’ organized by the Department of Microbiology of the college on June 6, 2020.
- Participated in a National webinar on ‘COVID-19: Impact on Environment and Social Change’ organized by the college on June 5, 2020.
- Participated in a National webinar on ‘Staying Nourished with Correct Nutrition’ organized by Gargi College, University of Delhi on May 29, 2020.
- Participated in a National webinar on ‘New Opportunities in Medicinal Plant Sector for Farmers and Entrepreneurs’ organized by Mansarovar Global University, Bhopal on May 24, 2020.
- Participated in an International webinar on ‘Plant Biology: A Journey from Earth to Space’ organized by Ramjas College, University of Delhi from May 22-23, 2020.
- Participated in a National webinar on ‘Ecological Revival during Pandemic’ organized by the college on May 21, 2020.
- Participated in a two-day International webinar on ‘Prevalent Crisis Triggered by the Covid19 Pandemic and its Appraisal’ jointly organized by the Departments of Chemistry & Biomedical Science of the college from May 18-19, 2020.
- Participated in a National webinar on ‘Roga Main Yoga’ organized by the Yoga club of the college on May 16, 2020.
- Participated in an Inter-college Faculty Development Programme on ‘Understanding Google Classroom’ organized by the Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in a National webinar on ‘Evolution of Science Seen from Historical Perspective’ organized by Deshbandhu College, University of Delhi from May 12-13, 2020.
- Participated in a National webinar on ‘3D Printing: Materials and Applications’ organized by the college on May 12, 2020.

- Participated in an inter-college Faculty Development Programme on ‘Online Transactions of Courses with Moodle-LMS’ organized by the Automation and Digitization of the college from May 8-10, 2020.
- Participated in a National webinar on ‘Revisiting Well-Being’ organized by the Department of Human Communication of the college on May 6, 2020.
- Participated in an International webinar on ‘The Nomenclatural Code and its Relevance to Fungi’ organized by Sri Aurobindo College, University of Delhi on May 4, 2020.
- Participated in a National workshop on ‘Plant Taxonomy: Classical and Modern Methods’ organized by the Department of Botany, University of Kashmir from March 12-14, 2020.

Dr. Gurumayum Suraj Sharma

- **Sharma, G.S.**, Krishna, S., Khan, S., Dar, T.A., Khan, K.A. & Singh, L.R. (2021). Protecting thermodynamic stability of protein: The basic paradigm against stress and unfolded protein response by osmolytes. *International Journal of Biological Macromolecules*, 177, 229–240.
- Warepam, M., Mishra, A.K., **Sharma, G.S.**, Kumari, K., Krishna, S., Khan, M.S.A., Rahman, H. & Singh, L.R. (2021). Brain Metabolite, N-Acetylaspartate Is a Potent Protein Aggregation Inhibitor. *Frontiers in Cellular Neuroscience*, 15, 617308.
- Participated in a three-day International conference on ‘Omics of Plant-Pathogen Interactions with their Implications’ organized by the National Institute of Technology, Rourkela, Odisha from November 16-18, 2020.
- Participated in a five-day Faculty Development Programme on ‘Innovations in Scientific Research Methods’ organized by DBT Star College Scheme, Kirori Mal College, University of Delhi from October 14-18, 2020.
- Participated in a one-day webinar on ‘Reflections on Entrepreneurship Development and North East India’ organized by North East Cell of the college on October 8, 2020.
- Participated in a one-day webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by the college on August 25, 2020.
- Participated in a one-day webinar on ‘Colors in Nature’ organized by DBT Star College Scheme, Kirori Mal College, University of Delhi on August 22, 2020.
- Participated in one-day webinar on ‘Floriculture & Terrace Gardening’ organized by Mahatma Gandhi Institute for Combating Climate Change, Govt. of NCT of Delhi, Bakoli, Delhi on August 7, 2020.
- Participated in a three-day webinar on ‘National Science Series: Igniting Young Minds’ organized by the college from August 4-6, 2020.

- Participated in a one-day webinar on ‘Utilization of Agricultural/Forest Residues in Renewable Energy for Sustainable Development’ organized by G. B. Pant University of Agriculture and Technology, Pantnagar & Society of Biological Chemists, India, Pantnagar Chapter at Department of Biochemistry, C.B.S. & H., Pantnagar on July 30, 2020.
- Participated in a one-day webinar on ‘A Short History of Solar Physics’ jointly organized by the Departments of Physics and Instrumentation of the college on July 30, 2020.
- Participated in a one-day webinar on ‘Challenges of Standards and Conformity Assessment in Food Sector’ organized by the Department of Food Technology of the college on July 29, 2020.
- Participated in a one-day webinar on ‘So Let us Reflect on Striving for Excellence, Social Equity, and Environmental Security’ organized by the Department of Science, Lady Irwin College, University of Delhi on July 27, 2020.
- Participated in a one-day webinar on ‘Initiatives of BIRAC and National Biopharma Mission in the Biopharma Sector and in current Covid-19 Pandemic’ organized by the Department of Microbiology of the college on July 25, 2020.
- Participated in a one-day webinar on ‘Covid-19 as a Catalyst for Digital Transformation’ organized by the Department of Microbiology of the college on July 11, 2020.
- Participated in a one-day webinar on ‘Proteomics Technologies and its Application for COVID-19 Research’ organized by the Department of Microbiology of the college on July 10, 2020.
- Participated in a one-day webinar on ‘Genome Editing and Beyond with CRISPR-CAS’ summer training program on ‘Unite for Our CORONA Warriors’ organized by the college on July 10, 2020.
- Participated in a one-day webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Participated in a one-day webinar on ‘Biodiversity and Man’ organized by the Department of Botany, Dyal Singh College, University of Delhi in collaboration with Society for Ecological Research and Natural Resources Management (SERNRM) on June 5, 2020.
- Participated in a two-day Faculty Development Programme on ‘Understanding Google Classroom’ organized by the Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in a three-day Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the Automation and Digitization committee of the college from May 8-10, 2020.

Students' Achievements

- Naman Gautam of first year secured the first position in the Hangman Game organized by the Zoological Society-Eranko of the college on February 17, 2021.
- Shreevanee Sharma of third year secured the third position in debate competition on the theme 'Who should be more vigilant? State or the Citizen in a Democracy' organized by Confianza- Debate Club of the college on November 2, 2020.
- Tonika; Deepika Thakur and Nainshi Gupta; and Alaska Rawat of the third year secured the first, second and third positions, respectively, in the poster making competition on the theme 'Ozone for Life: 35 years of Ozone Layer Protection' organized by the Eco club in collaboration with the Department of Botany of the college on International Ozone Day held on September 16, 2020.
- Nupur Bansal of the third year secured the second position in the poster making competition on the theme 'Indian Space Research Organization' organized by Bhagini Nivedita College, University of Delhi, during Indian Space Science Week Celebration from August 5-12, 2020.
- Madhvi Sharma of the third year secured the third position in the National level Quiz competition on 'World Nature Conservation Day' and 'World Hepatitis Day' organized by Bhagini Nivedita College, University of Delhi on July 28, 2020.
- Shreevanee Sharma of the third year has been awarded as a distinguished delegate representing the UK in UNHRC at Global Virtual Youth Model United Nations from June 27-28, 2020.
- Rushali Jain of the third year secured the second position in an online collage making inter-college competition on the topic 'Biodiversity in your Vicinity' organized by Daulat Ram College, University of Delhi on June 5, 2020.

DEPARTMENT OF CHEMISTRY

Departmental Activities

- Celebrated colourful and green Diwali with various online intra-department competitions like diya painting, slogan writing, and rangoli making on November 10, 2020.
- Organized intra-department Hindi Pakhwara to promote use of Hindi in our day to day life from September 14-19, 2020.
- Organized one-day National webinar on 'Ecological Revival during Pandemic' on May 21, 2020. The event was convened by Dr. Lalit Kapur and coordinated by Dr. Manjeet Singh Barwa.
- Organized two-day International webinar on 'Prevalent Crisis Triggered by the Covid-19 Pandemic and its Appraisal' in association with the Department of Biomedical Science of the college on May 18-19, 2020. The event was convened by Dr. Lalit Kapur and co-convened by Dr. Manjeet Singh Barwa.

- Organized one-day National webinar on 'Economic Crisis and its Redressal during Pandemic' on May 15, 2020. The event was convened by Dr. Lalit Kapur and coordinated by Dr. Manjeet Singh Barwa.

Faculty Achievements

Dr. Lalit Kapur

- Kumar, P., Bali, A., **Kapur, L.**, & Shaw, D. (2020). Autonomic functions of college boys and girls (A comparative study), *International Journal of Physical Education, Sports and Health*, 7(2), 134-139.

Prof. Balaram Pani

- Awarded NESAA Honorary Fellowship by National Environment Science Academy (NESAA), 2020 in January 2021.
- Convener of National webinar on 'Women: Stewards of Environmental Sustainability' organized by Seva Sadan's College of Education (SSCE), Ulhasnagar, Thane, Maharashtra in association with the college held on January 28, 2021.
- Pandey, S.S., Singh, B., Barwa, M.S. Gautam Y.P. &**Pani, B.** (2021). Terrestrial Gamma Radiation Dose (TGRD) Environmental Distribution in Alluvial Soil Region, its Monsoonal Variation and Assessment of Lifetime Cancer Risk, *Research Journal of Chemistry and Environment*, 25(2), 186-193.
- Chugh, B., Singh, A. K., Poddar, D., Thakur, S., **Pani, B.**, & Jain, P. (2020). Relation of degree of substitution and metal protecting ability of Cinnamaldehydye Modified Chitosan. *Carbohydrate Polymers*, 234, 115945, 1-10.
- Pandey, S.S., Singh B., Barwa M.S., Gautam Y.P. &**Pani, B.** (2020). Geochemical Signatures and Chemical Toxicity Assessment of Groundwater Uranium in the Agricultural Dominated Tehsil after Indian Summer Monsoon. *Research Journal of Chemistry and Environment*, 24 (10): 1-6.
- Chugh, B., Singh, A.K., Thakur, S., **Pani, B.**, Lgaz, H., Chung, I., Jha, R., & Ebenso, E.E. (2020). Comparative Investigation of Corrosion-Mitigating Behavior of Thiadiazole-Derived Bis-Schiff Bases for Mild Steel in Acid Medium: Experimental, Theoretical, and Surface Study. *ACS omega*, 5 (23), 13503-13520.
- Singh, A. K. Chugh, B., Thakur, S., **Pani, B.**, Lgaz, H., Chung, I., Pal, S., & Prakash, R. (2020). Green approach of synthesis of thiazolyl imines and their impeding behavior against corrosion of mild steel in acid medium. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 599, 124824.
- Varah, F., Mahongnao, M., **Pani, B.**, & Khamrang, S. (2020). Exploring young consumers' intention towards green products: applying an extended theory of planned behavior. *Environment, Development and Sustainability*, 1-15.

- Yadav, K. K., Kumar, H. **Pani, B.**, Roy, I. & Kumar, P. (2020). Mono Dispersible Water-Soluble Iron Sulfide Nanoclusters: Synthesis, Characterization Catalytic Application for Highly Efficient Synthesis of Xanthene Derivatives, *Advanced Science, Engineering and Medicine*, 12 (5), 603-611.
- Kumar, H., Agnihotri, S., Roy, I., **Pani, B.**, & Kumar, P. (2020). Microemulsion Mediated Multifunction of Doxorubicin Encapsulated Core-Shell Iron Oxide/Ormosil Nanoparticles as Efficient Magnetically-Guided Delivery, Bioimaging and In-Vitro Studies. *Advanced Science, Engineering and Medicine*, 12(9), 1166-1173.
- Garg, M., Chaturvedi, S., Sadhu, S.D., Barwa, M.S. & **Pani, B.** (2020). *Practical Handbook of Food Engineering*. Aaryush Education.
- Appointed as Dean of Colleges (Additional charge), University of Delhi.

Dr. Manjeet Singh Barwa

- Pandey, S.S., Singh, B., **Barwa, M.S.**, Gautam Y.P. & Pani, B.(2021). Terrestrial Gamma Radiation Dose (TGRD) Environmental Distribution in Alluvial Soil Region, its Monsoonal Variation and Assessment of Lifetime Cancer Risk, *Research Journal of Chemistry and Environment*, 25(2), 186-193.
- Member of Organizing Committee of National webinar on ‘Women: Stewards of Environmental Sustainability’ organized by Seva Sadan’s College of Education (SSCE), Ulhasnagar, Thane, Maharashtra in association with the college held on January 28, 2021.
- Managing Committee member of Mahashaya Chunilal Saraswati Bal Mandir, Harinagar New Delhi for the academic year 2020-21.
- Pandey, S.S., Singh B., **Barwa M.S.**, Gautam Y.P. & Pani, B. (2020). Geochemical Signatures and Chemical Toxicity Assessment of Groundwater Uranium in the Agricultural Dominated Tehsil after Indian Summer Monsoon. *Research Journal of Chemistry and Environment*, 24 (10), 1-6.
- Garg, M., Chaturvedi, S., Sadhu, S.D., **Barwa, M.S.**,& Pani, B. (2020). *Practical Handbook of Food Engineering*, Aaryush Education.
- Invited as Judge in ‘Maths, Science & Sanskriti Mahotsav 2020’ organized by MHDC Saraswati Bal Mandir Sec. School, Janakpuri on October 30, 2020.
- Coordinated विशेष व्याख्यान हिंदी दिवस वैश्विक स्तर पर हिंदी की स्वीकार्यता organized by the college with शिक्षा संस्कृति उत्थान न्यास on September 14, 2020.
- Participated in the International webinar on ‘A Short History of Solar Physics’ jointly organized by the Department of Physics and the Department of Instrumentation of the college on July 30, 2020.
- Participated in International webinar on ‘Innovations and Practices in Biological and Environmental Sciences’ jointly organized by Department of Botany, Ragunath Girls

(P.G.) College, Meerut and Department of Biotechnology and Microbiology, M.I.E.T., Meerut held on June 28, 2020.

- Participated in two-day International webinar on ‘Emerging Trends in Chemistry Education and Research (ETCER)’ organized by Wilson College in association with University of Mumbai and Association of Chemistry Teachers held from June 25-26, 2020.
- Participated in a two-day Faculty Empowerment workshop on ‘Application of ICT Tools in Higher Education’ organized by Moti Lal Nehru College (Day) and Moti Lal Nehru College (Evening), University of Delhi held on June 11-12, 2020.
- Co-chairperson of National webinar on ‘Being Healthy’ jointly organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi held on June 9, 2020.
- Resource person in Faculty Development Programme on ‘Virtual Learning Creativity Tools’ organized by Rayat Group of Institutions, Ropar Campus held on June 9, 2020.
- Participated in International webinar on ‘Science and Engineering for Nature Conservation’ on World Environment Day organized by J.C. Bose University of Science & Technology, YMCA, Faridabad held on June 5, 2020.
- Participated in a four-day National level Faculty Development Programme on ‘Managing in Difficult Times’ organized by Nagindas Kandwala College (Autonomous) held from June 4-7, 2020.
- Participated in one-day International virtual conference on ‘Novel Corona and Novel Challenges: Life Ahead with Covid-19’ organized by UGC Cell, Sri Guru Gobind Singh College, Chandigarh held on June 3, 2020.
- Co-chairperson of National webinar on ‘Obesity Management’ jointly organized by Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi held on May 29, 2020.
- Resource person in Faculty Development Programme on ‘Virtual Learning Tools during Pandemic’ organized by Rayat Group of Institutions, Ropar Campus held on May 28, 2020.
- Participated in Faculty Development Programme National webinar on ‘Women in Higher Education: Issues and Challenges during Corona Pandemic’ organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMNMNTT) of MHRD held on May 27, 2020.
- Participated in five-day National workshop on ‘Research Methodology’ organized by Faculty of Education, Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh held on May 26-30, 2020.

- Participated in the National Chem webinar series organized by the Department of Chemistry and IQAC, Shyam Lal College, University of Delhi held on May 26-28, 2020.
- Participated in International webinar on ‘Biodiversity and Environmental Health’ organized by Department of Environmental Studies, Shivaji College, University of Delhi held on May 20, 2020.
- Participated in three-day International E-conference on ‘Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World’ organized by Government Vidarbha Institute of Science & Humanities, Amravati held on May 15-17, 2020.
- Participated in Faculty Development Programme National webinar on ‘e-content Development Methodology: Four Quadrant Model, OERs and Copyright Issues’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD held on May 15, 2020.
- Participated in two-day Intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college on May 13-14, 2020.
- Participated in International webinar on ‘Advertising Industry: Past, Present and Future’ organized by Atma Ram Sanatan Dharma College, University of Delhi held on May 9, 2020.
- Participated in a three-day Intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college on May 8-10, 2020.

Dr. Swati Gupta

- Organizing committee member of National webinar on ‘Opportunities for Women in Hospital and Healthcare Management’ organized by Women Development Cell of the college on February 25, 2021.
- Organizing committee member of National webinar Series on ‘Yoga for Modern Age’ organized by the Yoga Club of the college on February 24 and 26, 2021.
- Coordinator of National webinar on ‘Cancer Awareness for Women’ organized by Women Development Cell and Department of Biomedical Science of the college in collaboration with Dr. B. R. Ambedkar Centre for Biomedical Research on February 22, 2021.
- Co-convener of poster making competition on ‘Yoga: Healthy Body, Peaceful Mind’ organized by the Yoga club of the college on the occasion of Basant Panchami from February 16-27, 2021.
- Attended five-day International workshop on ‘Intellectual Property Right’ organized jointly by MoE- Institution Innovation Council (IIC) and Deen Dayal Upadhyaya College, University of Delhi from February 9-13, 2021.

- Organizing committee member of workshop on ‘My Bizziness: DST Sponsored-Women Entrepreneurship Development Program’ organized by Women Development Cell of the college on January 16, 2021.
- Organizing committee member of National webinar on ‘Opportunities for Women in Atma Nirbhar Bharat’ organized by Women Development Cell of the college on September 26, 2020.
- Attended International e-workshop on ‘Principles and Applications of Analytical Instruments for Analysis of Organic/Inorganic molecules’ jointly organized by Department of Chemistry and Department of Botany, Govt. R.R.M.P.G. College, Surajpur (C.G.) and Department of Chemistry, Govt. Shivnath Science College, Rajnandgaon (C.G.), India from August 25-29, 2020.
- Attended webinar on ‘Cyber Security Awareness I’ organized by the Automation and Digitization committee of the college on June 23, 2020.
- Coordinator of National webinar on ‘Yoga: Detoxing Mind, Body and Soul’ organized by the Yoga club of the college on the occasion of 6th International Yoga Day on June 21, 2020.
- Attended National webinar on ‘Cyber Crime against Women and its Redressal’ organized by Women Development Cell of the college in collaboration with National Commission for Women on June 10, 2020.
- Attended National webinar on ‘Being Healthy’ organized by Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on June 9, 2020.
- Attended International webinar on ‘Back to the Future: Living in an Unbroken World’ in the webinar Series on ‘COVID 19 Pandemic: A Crisis of Human Health or Planet Health?’ organized by Maharaja Agrasen College Teachers Voluntary Initiative for Sharing Ecological Responsibility and Conserving Heritage on June 9, 2020.
- Attended International webinar on ‘Environments, COVID 19 and the Doubly Disadvantaged’ in the webinar Series on ‘COVID 19 Pandemic: A Crisis of Human Health or Planet Health?’ organized by Maharaja Agrasen College Teachers Voluntary Initiative for Sharing Ecological Responsibility and Conserving Heritage on June 7, 2020.
- Attended International webinar on ‘COVID 19 Pandemic: Challenges and Governmental Response’ in the webinar Series on ‘COVID 19 Pandemic: A Crisis of Human Health or Planet Health?’ organized by Maharaja Agrasen College Teachers Voluntary Initiative for Sharing Ecological Responsibility and Conserving Heritage on June 6, 2020.
- Attended International webinar on ‘Life in Times of Covid-19’ in the webinar Series on ‘COVID 19 Pandemic: A Crisis of Human Health or Planet Health?’ organized by Maharaja Agrasen College Teachers Voluntary Initiative for Sharing Ecological Responsibility and Conserving Heritage on June 6, 2020.

- Attended International webinar on 'The COVID 19 Conundrum: Rethinking Strategies and Practices' in the webinar Series on 'COVID 19 Pandemic: A Crisis of Human Health or Planet Health?' organized by Maharaja Agrasen College Teachers Voluntary Initiative for Sharing Ecological Responsibility and Conserving Heritage on June 5, 2020.
- Attended webinar on 'Sanskrit for Computers and Computers for Sanskrit' organized by the Department of Computer Science of the college on May 29, 2020.
- Attended National webinar on 'Obesity Management' organized by Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.
- Attended webinar on '3 Questions that Lead to Success' organized by Department of Chemistry & Research Centre, Aditanar College of Arts and Science, Tiruchendur on May 28, 2020.
- Attended National webinar on 'Ecological Revival during Pandemic' organized by the Department of Chemistry of the college on May 21, 2020.
- Attended International webinar on 'Prevalent Crisis Triggered by the COVID19 Pandemic and its Appraisal' organized by the Department of Chemistry and Department of Biomedical Science of the college on May 18-19, 2020.
- Attended webinar on 'Cyber Security, Safety and Privacy in Today's Digital World' organized by Kalindi College NCWEB, University of Delhi on May 17, 2020.
- Coordinator of National webinar on 'रोग में योग' organized by the Yoga club of the college on May 16, 2020.
- Attended National webinar on 'Economic Crisis and its Redressal during Pandemic' organized by the Department of Chemistry of the college on May 15, 2020.
- Attended Faculty Development Programme on 'Understanding Google Classroom' organized by Automation and Digitization committee of the college on May 13-14, 2020.
- Attended International webinar on 'Role of Host Immune System in Development of COVID-19' organized by Department of Biomedical Sciences, Bundelkhand University on May 11, 2020.
- Attended Faculty Development Programme on 'Online Transaction of Courses with MOODLE-LMS' organized by Automation and Digitization committee of the college on May 8-10, 2020.
- Attended webinar on 'Revisiting Well-Being' organized by the Department of Human Communication of the college on May 6, 2020.
- Attended webinar on 'Managing Food Safety and Quality in the time of COVID-19' organized by the Department of Food Technology of the college on May 6, 2020.
- Attended webinar on 'Learning in Lockdown 2.0' organized by the Department of Instrumentation and NSS of the college on May 4-10, 2020.

- Attended International webinar on ‘COVID 19 Pandemic: Challenges and Recent Advancements’ organized by Jawaharlal Nehru University on April 25-26, 2020.
- Attended Faculty Development Programme on ‘ICT Enabled Higher Education in India: Challenges and Opportunities’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi on April 15, 2020.
- Attended International webinar on ‘Molecular Visualization Series I on Learning through ODYSSEY Software’ organized by Department of Chemistry, Hindu College, University of Delhi in collaboration with Wave Function Inc., USA and Neotel System and Services on April 6, 2020.
- Organizing committee member of ‘नारीUtsav’20’organized by the Women Development cell of the college on the occasion of International Women’s Day on March 6, 2020.

Dr. Shailja Singh

- Participated in the International webinar on ‘Innovation on Science and Technology IWIST 2021’ organized by Department of Chemistry, Smt. Narsamma Arts, Commerce and Science College, Amravati held on February 27, 2021.
- Participated in one-day National workshop on ‘ICT Tools for Chemistry Teachers’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education on February 22, 2021.
- Participated in the National webinar on ‘Women: Stewards of Environmental Sustainability’ organized by the college in collaboration with Seva Sadans’ College of Education, Maharashtra on January 28, 2021.
- Participated in webinar on ‘Environmental Issues in the Midst of Covid-19’ jointly organized by Eco Club and the Department of Chemistry of the college on September 10, 2020.
- Participated in webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Participated in webinar series 2020: Let’s Talk about Food, ‘Know Your Cooking Oils’ organized by the Department of Food Technology of the college on July 17, 2020.
- Participated in webinar on ‘Molecular Strategies to Combat COVID-19 Virus’ as part of webinar series 2020 ‘Covid 19 Pandemic: The Road Map to Recovery’ organized by the Department of Microbiology of the college on July 15, 2020.
- Participated in webinar on ‘COVID-19: Accosting the Pandemic using CRISPR scissors’ as part of webinar series 2020 ‘Covid 19 Pandemic: The Road Map to Recovery’ organized by the Department of Microbiology of the college on July 13, 2020.

- Participated in webinar on 'Covid-19 as a Catalyst for Digital Transformation' as part of webinar series 2020 'Covid 19 Pandemic: The Road Map to Recovery' organized by the Department of Microbiology of the college on July 11, 2020.
- Participated in the webinar series 2020: Let's Talk about Food, 'Improving Nutrition through Food Fortification' organized by the Department of Food Technology of the college on July 6, 2020.
- Participated in International webinar on 'How to Build up Efficient Immunity against Respiratory Infections, including Covid-19 Issue' organized by Kalindi College, University of Delhi and University of Leipzig, Germany on June 28, 2020.
- Participated in the National webinar on 'Insights into Fundamentals of Chemistry' organized by the Department of Chemistry, CMP Degree College, Prayagraj from June 18-20, 2020.
- Participated in AISNP webinar lecture series on 'Fun of Playing around NMR Spectroscopy' organized by Amity International Society for Natural Products, Health & Allied Sciences Domain, Amity University Uttar Pradesh, Noida on June 13, 2020.
- Participated in the National webinar series on 'Nutrition & Sports for Fitness' organized by the Department of Food Technology of the college on May 30-31, 2020.
- Participated in the National webinar on 'Obesity Management' organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.
- Participated in an International webinar on 'Prevalent Crisis Triggered by the Covid19 Pandemic and its Appraisal' jointly organized by Departments of Chemistry and Biomedical Science of the college on May 18-19, 2020.
- Participated in the National webinar on 'Economic Crisis and its Redressal during Pandemic' organized by the Department of Chemistry of the college on May 15, 2020.
- Participated in Intercollege Faculty Development Programme in 'Understanding Google Classroom' organized by the Automation and Digitization committee of the college on May 13-14, 2020.
- Participated in Intercollege Faculty Development Programme on 'Online Transaction of Courses with Moodle-LMS' organized by the Automation and Digitization committee of the college on May 8-10, 2020.
- Participated in the Faculty Development Programme on 'ICT Enabled Higher Education In India: Challenges and Opportunities' organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the PMMMNMTT of Ministry of Education on April 17, 2020.
- Member, Reviewer Panel of 'Mini-Reviews in Medicinal Chemistry'.

Dr. Sampat Singh Chauhan

- Coordinated an online career assessment test organized by Career Counselling cell in collaboration with GUS Global Services, Pearl Academy and UPES for the final year students of college during February 26-28, 2021.
- Coordinated webinar on ‘Voyage into the Dark Side of the Universe’ organized by Astronomy club in collaboration with the Department of Physics of the college on February 26, 2021.
- Singh, P., **Chauhan, S. S.**, Tripathy, S. S., Singh, V. P., & Quraishi, M. A. (2020). Electrochemical corrosion inhibition investigations of mild steel in 1 M HCl solution. *AIP Conference Proceedings*, 2220, 090002.
- Participated in the National webinar on ‘Career Options for Undergraduates’ organized by the Career Counselling cell and Department of Biomedical Science of the college on July 24, 2020.
- Participated in webinar 2020 on ‘Cyber Security Awareness: III’ organized by the Automation and Digitization committee of the college on July 14, 2020.
- Participated in webinar series 2020 on ‘Cyber Security Awareness: II’ organized by the Automation and Digitization committee of the college on July 3, 2020.
- Participated in webinar series 2020 on ‘Cyber Security Awareness: I’ organized by the Automation and Digitization committee of the college on June 23, 2020.
- Participated in the National webinar on ‘Ecological Revival during Pandemic’ organized by the Department of Chemistry of the college on May 21, 2020.
- Participated in two-day International webinar on ‘Prevalent Crisis Triggered by the Covid-19 Pandemic and its Appraisal’ jointly organized by Departments of Chemistry and Biomedical Science of the college on May 18-19, 2020.
- Participated in the National webinar on ‘Economic Crisis and Redressal during Pandemic’ organized by the Department of Chemistry of the college on May 15, 2020.
- Participated in Intercollege Faculty Development Programme in ‘Understanding Google Classroom’ organized by the Automation and Digitization committee of the college on May 13-14, 2020.
- Participated in Intercollege Faculty Development Programme in ‘Online Transaction of Courses with Moodle-LMS’ organized by the Automation and Digitization committee of the college from May 8-10, 2020.

Dr. Vijay Kumar

- Participated in a webinar on ‘Environmental Issues in the Midst of Covid-19’ jointly organized by the Eco Club and the Department of Chemistry of the college on September 10, 2020.

- Participated in the National webinar on ‘Promotional Avenues for Teachers in Higher Education: CAS Regulations- 2018’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on September 5, 2020.
- Participated in a webinar on ‘Cyber Security Awareness: II’ organized by the Automation and Digitization committee of the college on July 3, 2020.
- Participated in a webinar on ‘Cyber Security Awareness: I’ organized by the Automation and Digitization committee of the college on June 23, 2020.
- Participated in International webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ jointly organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.
- Participated in a National webinar on ‘Yoga: Detoxing Mind, Body & Soul’ organized by the Yoga club of the college on June 21, 2020.
- Participated in International webinar on ‘Prevalent Crisis Triggered by the COVID-19 Pandemic and its Appraisal’ organized by the Department of Chemistry and Department of Biomedical Science of the college on May 18-19, 2020.
- Participated in the National webinar on ‘Rog Main yoga’ organized by the Yoga Club of the college on May 16, 2020.
- Participated in Intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by the Automation and Digitization committee of the college on May 13-14, 2020.
- Participated in Intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the Automation and Digitization committee of the college on May 8-10, 2020.

Mr. Bholey Singh

- Pandey, S.S., **Singh, B.**, Barwa, M.S., Gautam, Y.P.,& Pani, B.(2021). Terrestrial Gamma Radiation Dose (TGRD) Environmental Distribution in Alluvial Soil Region, its Monsoonal Variation and Assessment of Lifetime Cancer Risk, *Research Journal of Chemistry and Environment*, 25(2), 186-193.
- Pandey, S.S., **Singh B.**, Barwa, M.S., Gautam, Y.P.,& Pani, B. (2020). Geochemical Signatures and Chemical Toxicity Assessment of Groundwater Uranium in the Agricultural Dominated Tehsil after Indian Summer Monsoon. *Research Journal of Chemistry and Environment*, 24 (10), 1-6.
- Participated in the National webinar on ‘Coronavirus 101’ as part of webinar series 2020 ‘Covid 19 Pandemic: Road Map to Recovery’ organized by the Department of Microbiology of the college on June 8, 2020.

- Participated in the National webinar on ‘Obesity Management’ organized by Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.
- Participated in the National webinar on ‘Ecological Revival during Pandemic’ organized by the Department of Chemistry of the college on May 21, 2020.
- Participated in the National webinar series on ‘Rog main Yoga’ organized by the Yoga club of the college on May 16, 2020.
- Participated in the National webinar on ‘Economic Crisis and its Redressal during Pandemic’ organized by the Department of Chemistry of the college on May 15, 2020.
- Participated in Intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the Automation and Digitization committee of the college on May 8-10, 2020.

DEPARTMENT OF COMPUTER SCIENCE

- Organized a webinar on ‘Insight of Artificial Intelligence and its Functionalities’ held on February 28, 2021. The event was convened by Mr. Bhavya Deep.
- Organized two-week workshop on ‘Capacity Building using Computer Basics and Office Package’ from February 12-26, 2021. The workshop aims to impart hands-on training to Non-Teaching Staff of the college and build computer operating skills. The event was convened by Mr. Bhavya Deep.
- Organized a webinar on ‘Arts and Science of Career Goals’ in collaboration with Student Advisory and PR committee on October 22, 2020. The event was convened by Dr. Sangeeta Srivastava and co-convened by Ms. Manu Kataria, and coordinated by Dr. Jayant Sharma.
- Organized one-week virtual Faculty Development Programme on ‘Fundamentals of Machine Learning’ in collaboration with ICT Academy from June 12-18, 2020. The event was convened by Dr. Sangeeta Srivastava and Ms. Manu Kataria.
- Organized Learnathon 2020 on Virtual learning in association with ICT Academy in May- June 2020. The event was convened by Dr. Sangeeta Srivastava.
- Organized a webinar on ‘Sanskrit for Computers and Computers for Sanskrit’ by Dr. Chitresh Soni on May 29, 2020. The event was convened by Ms. Manu Kataria, co-convened by Dr. Sangeeta Srivastava and coordinated by Dr. Jayant Sharma.

Ms. Manu Kataria

- Invited speaker at International webinar on the topic ‘National Educational Policy (2020): A Holistic View’ organized by ASE (Deemed to be University), Sardarshahar, Rajasthan, Shiksha Sanskrit Utthan Nyas and Dakshina Foundation on August 12, 2020.

- Invited speaker at National webinar on the topic ‘National Educational Policy 2020 and Emergent Bharat’ organized by SHODH, Central University of Haryana, Center for Educational and Social Studies, Bangalore on August 8, 2020.
- Participated in a debate on National Education Policy on NDTV on July 30, 2020.
- Attended talk on ‘Immunity Boosting Foods during COVID-19’ organized by Department of Food Technology of the college on July 1, 2020.
- Published write-up in the newspaper Punjab Kesari June 27, 2020.
- Attended a National webinar on ‘Physical, Mental and Social Health of Women during Covid-19’ organized by UGC, Bhagat Phool Singh Mahila Vishwavidyalaya, Sonipat and Mahila Samanvay on June 27, 2020.
- Invited speaker on the topic ‘Common Queries Regarding Open Book Examination’ on YouTube channel Sol updates on June 21, 2020.
- Attended webinar on ‘Self-Reliant India: Aspirations and Opportunities’ organized by Alumni Association, Jawaharlal Nehru University on May 24, 2020.
- Attended a National webinar on ‘रोग मे योग’ organized by Yoga club of the college on May 16, 2020.
- Attended Faculty Development Program on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Published write-up in the newspaper Punjab Kesari on May 8, 2020.
- Attended webinar on ‘Managing Food Safety and Quality in the time of COVID-19’ organized by Department of Food Technology of the college on May 6, 2020.
- Appointed as a visitor nominee in the court of Manipur University.

Mr. Bhavya Deep

- Member of COVID-19 Task Force of the college.
- Appointed as Nodal Officer for semester theory Open Book Examinations (OBE) -2020.
- Mentored students of B.Sc. (H) Computer Science third year in the research project ‘Automatic Neural Image Captioning’ from October 1-December 31, 2020.
- Participated on one-day National webinar on ‘Promotional Avenues for Teachers in Higher Education: CAS Regulations 2018’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD on September 5, 2020.
- Participated in special public lecture (webinar) on ‘Wireless AI: A New Sixth Sense to Deciphering our World’ organized by National Academy of Sciences, India (NASI) –

Delhi Chapter & MHRD-Institution Innovation Council (IIC), Deen Dayal Upadhyaya Chapter on August 30, 2020.

- Mentored students of B.Sc. (H) Computer Science third year in the research project ‘Predicting the Programming Language of Stack Overflow Questions using NLP’ from July 31-September 14, 2020.
- Participated in National webinar on ‘Medical Image Processing’ organized by Department of Electronics and Telecommunication, RC Patel Institute of Technology, Shirpur on July 25, 2020.
- Participated in International Faculty Development Programme on ‘World of Cyber Physical Systems and Future Robotics of Industry: Cobotics’ organized by Department of Electronics and Telecommunication, RC Patel Institute of Technology, Shirpur on July 11-12, 2020.
- Participated in nine hours of Faculty Development Programme on ‘Fundamentals of Machine Learning (Online Live FDP)’ organized by ICT Academy between June 12-18, 2020.
- Participated in two-day Faculty Development Programme on ‘Artificial Intelligence in Healthcare’ organized by Department of Electronics and Telecommunication, RC Patel Institute of Technology, Shirpur on June 10-11, 2020.
- Participated in International webinar on ‘Recent Trends in Wireless Communication’ organized by Department of Electronics and Communication, RC Patel Institute of Technology, Shirpur on June 7, 2020.
- Participated and passed Technical Awareness e-Quiz ‘Engineer’s Role during Pandemics’ organized by Annamacharya Institute of Technology and Sciences, Andhra Pradesh in technical collaboration with Indian Society for Technical Education, IEEE Student Branch AITS, and Institution of Engineers from June 3-4, 2020.
- **Deep, B.**, Mathur, I.,& Joshi, N. (2020). Coalescing IoT and Wi-Fi technologies for an Optimized Approach in Urban Route Planning. *Environmental Science and Pollution Research*. **27**, 34434–34441.
- **Deep, B.**, Mathur, I.,& Joshi, N. (2020). Estimated Power Cost Comparison of Physical Server Vs Virtualized Server in a Data Center. *International Journal of Advanced Science and Technology*, **29**(06), 5335-5342.
- Reviewer of Indian Journal of Science and Technology. ISSN: 0974-6846
- Reviewer of Journal of Advanced Pediatrics and Child Health. ISSN: 2689-9817
- Chief Editor of International Journal of Distributed and Cloud Computing. ISSN: 2321-6840.
- Mentored students of B.Sc. (H) Computer Science third year in the research project Stock Prices Trend Prediction from June 16-July 15, 2020.

- Completed online course on ‘Statistical Learning’ by Great Learning Academy on June 8, 2020.
- Completed online course on ‘Data Visualization using Python’ by Great Learning Academy on June 7, 2020.
- Participated in webinar on ‘Sanskrit for Computers and Computers for Sanskrit’ organized by Department of Computer Science of the college on May 29, 2020.
- Participated in webinar on ‘Electrical Vehicle Infrastructure’ organized by IoT Academy in association with E&ICT Academy IIT Guwahati, supported by Ministry of Electronics and Information Technology (MeitY), Government of India held on May 24, 2020.
- Participated in webinar on ‘Implementation of Machine Learning in E-Commerce’ organized by IoT Academy in association with E&ICT Academy IIT Guwahati, supported by Ministry of Electronics and Information Technology (MeitY), Government of India held on May 23, 2020.
- Participated in National webinar on ‘Ecological Revival during Pandemic’ organized by Department of Chemistry of the college on May 21, 2020.
- Participated in webinar on ‘5G Applications & Autonomous Cars’ organized by IoT Academy in association with E&ICT Academy IIT Guwahati, supported by Ministry of Electronics and Information Technology (MeitY), Government of India held on May 21, 2020.
- Participated in webinar on ‘Eliminating Business Risk with Ransomware Protection’ organized by CommVault DataCon on May 21, 2020.
- Participated in two-day workshop on ‘Wired and Wireless Network Simulation using Network Simulator (NS-2)’ organized by Department of Electronics and Communication Engineering, St. Peters Engineering College, Telangana on May 19-20, 2020.
- Participated in webinar on ‘Deployment Challenges of IoT’ organized by IoT Academy in association with E&ICT Academy IIT Guwahati supported by Ministry of Electronics and Information Technology (MeitY), Government of India held on May 19, 2020.
- Participated in International webinar on ‘Recent Advancement in Information Technology & Mathematics’ organized by Govt. Narmada College Hoshangabad, Madhya Pradesh on May 17, 2020.
- Participated in webinar on ‘Smart Phone Security Issues in the Digital World’ organized by Methodist College of Engineering and Technology, Hyderabad on May 16, 2020.
- Participated in a webinar on ‘Learning How to Learn – Master Class’ organized by India Didactics Association on May 14, 2020.
- Attended Amazon Web Services Summit Online on May 13, 2020.

- Successfully completed one-week Faculty Development Programme on ‘ICT Tools’ in association with STP–IIT Bombay organized by Department of Information Technology, Sree Vidyaniketan Engineering College, Tirupati from May 11-16, 2020.
- Participated in webinar on ‘Intellectual Property Rights (IPR) and Patent Practices in India – Innovation & Research into Patents’ organized by Sri Sai Ram Institute of Technology, Chennai on May 11, 2020.
- Participated in a webinar on ‘Global Panel Discussion on Education 4.0: The Revolution’ organized by Skill Faculty of Engineering and Technology, Shri Vishwakarma Skill University, Haryana to celebrate National Technology Day on May 11, 2020.
- Successfully completed an online quiz on ‘Covid-19’ General Awareness’ organized by Vaagdevi College of Engineering, Telangana on May 10, 2020.
- Participated in a webinar on ‘Inspiring Education Ecosystems to create Future Ready Learners’ organized by India Didactics Association on May 9, 2020.
- Participated in a three-day online Faculty Development Programme on ‘Machine Learning and Artificial Intelligence’ organized by Andhra Loyola Institute of Engineering & Technology, Andhra Pradesh from May 4-6, 2020.
- Attended webinar on ‘Effective Time Management Tips for Researchers’ organized by Wiley Author Series on April 30, 2020.
- Attended webinar on ‘AWS TechTalks: Secure Productivity, Connectivity, and Data Analytics’, organized by Amazon Web Services on April 29-30, 2020.
- Participated in webinar on ‘Fostering Social Responsibility by Higher Education: COVID-19 and Beyond’ organized by PRIA International Academy (PIA) held on April 8, 2020.
- Participated in APJC Virtual event organized by Cisco Live on April 1-2, 2020.
- Attended webinar on ‘How to Deal with Article Rejection’ organized by Wiley Author Series on March 26, 2020.
- Attended webinar on ‘SD-WAN Best Practices’ organized by Cisco on March 24, 2020.
- Attended webinar on ‘3 Ultimate Strategies for Ransomware Prevention’ organized by Veeam on March 17, 2020.

Dr. Sangeeta Srivastava

- A member of Reviewing Committee of International Conference in Fuzzy System and Data Mining 2020 (FSDM) held online from November 13-16, 2020.
- TPC Member and Reviewer for the Fourth International Conference on Computing and Network Communications (CoCoNet'20) organized by the Vellore Institute of Technology (VIT), Chennai held from October 14-17, 2020.

- Successfully completed a certificate Course on ‘Learn to create a MOOC Course’ conducted by E & ICT Academy, Indian Institute of Technology, Kanpur in September, 2020.
- Participated in a webinar on ‘National Education Policy 2020’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Participated in the talk held on ‘Covid-19 as a Catalyst for Digital Transformation’ held during the webinar series organized by the Department of Microbiology on July 11, 2020.
- Participated in a webinar on ‘Insightful Fridays of Skycampus Digital Knowledge webinar series’ organized by ICT Academy on June 26, 2020.
- Participated in a webinar on ‘Artificial Intelligence, Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.
- Participated in the National webinar ‘Being Healthy’ jointly organized by Department of Physical Education of the college & Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on June 9, 2020.
- Convened and participated in one-week virtual Faculty Development Programme on ‘Fundamentals of Machine Learning’ organized by ICT Academy in association with IQAC of the college from June 8-12, 2020.
- Participated in an International webinar on ‘Covid-19: Challenges & Opportunities for Engineers & Technologists at Small Island Nations’ hosted by IET Trinidad & Tobago Local Network (IET TT LN) on May 30, 2020
- Participated in the webinar on ‘ACS Guide for Scholarly Communications Expert Advice for Early Career Researchers’ by ACS publications on May 29, 2020.
- Participated in an International webinar on ‘Optical Sources and their Applications’ organized by Department of Physics of the college on May 28, 2020.
- Participated in a webinar on ‘Personal Financial Management’ organized as part of SkyCampus Digital Knowledge Series by ICT Academy on May 20, 2020.
- Participated in the webinar on ‘Technology Driven Logistics and Supply Chain during Covid-19’ by IEEE Indian Council on May 19, 2020.
- Participated in a webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by Department of Botany of the college held on May 16, 2020.
- Participated in webinar of Season 5 of Skycampus on the theme ‘The Future of Skills - Education, Employment & Entrepreneurship’ organized by ICT Academy on May 15, 2020.
- Participated in Faculty Development Programme National webinar on ‘E-Content Development methodology-Four quadrant Models, OERs and Copyright Issue’ organized

by GAD-TLC, SGTB Khalsa College and Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) on May 15, 2020.

- Participated in Faculty Development Programme National webinar on ‘Challenges and opportunities in India in Higher Education in India for the 21st century’ organized by GAD-TLC, SGTB Khalsa college and PMMMNMTT and Hindu College on May 8, 2020.
- Participated in Faculty Development Programme organized by ICT Academy on ‘Fundamentals of Machine Learning’ from May 6-12, 2020.
- Completed certificate course on ‘Machine Learning on Ramp from MathWorks’ as part of the Learnathon 2020 initiative of the Department of Computer Science of the college in May 2020.
- Visiting faculty of PhD students for Research Methodology, Pre-PhD coursework in University of Delhi in April-May 2020.
- Participated in Faculty Development Programme organized by ICT Academy on ‘Introduction to Cloud Computing’ from April 30-May 5, 2020.
- Participated in a webinar on ‘Machine Learning’ organized by Amazon Web Services on April 27, 2020.
- Participated in one-week Faculty Development Programme on ‘Machine Learning and Pedagogy’ organized by Guru Angad Dev Teaching Learning Center, SGTB Khalsa College and PMMMNMTT, Deen Dayal Upadhyaya College, University of Delhi from March 11-May 18, 2020.
- Member of Advisory committee of PhD student, Ms. Seema Rani of Department of Computer Science, University of Delhi in 2020.
- Supervising one Ph.D. student enrolled in Department of Computer Science, University of Delhi.
- Appointed as Nodal Officer, Merit Scholarship to the students of SC/ST/OBC/Min studying in colleges/ professional /technical institutions- State Scheme by Govt. of Delhi.
- Member of IQAC Committee of the college for 2020-2021.

Ms. Arti Dua

- Bedi, P., & Dua A. (2020). ARPNetSteg: Network Steganography using Address Resolution Protocol. *International Journal of Electronics and Telecommunications*, 66(4), 671-677.
- Bedi P., & Dua A., (2020). Network Steganography Using Extension Headers in IPv6. In: Badica, C., Liatsis, P., Kharb, L., & Chahal, D. (Eds.), *Communications in Computer and Information Science* (pp. 98-110), Springer, Singapore.

- Presented a paper on ‘Network Steganography Using Extension Headers in IPv6’ at 5th International Conference Information, Communication & Computing Technology (ICICCT-2020) held on May 9, 2020.
- Participated in an online Faculty Training Program on ‘Cyber Security’ organized by IQAC and Department of IT & Mathematics, The S.I.A. College of Higher Education in association with Indian Servers on May 7, 2020.
- Bedi, P., & **Dua, A.** (2020). Network Steganography using the Overflow Field of Timestamp Option in an IPv4 Packet. In: S.M. Thampi, S. Madria, X. Fernando, R. Doss, S. Mehta & D. Ciuonzo (Eds.), *Procedia Computer Science*(pp. 1810-1818), Elsevier.
- Successfully completed the ARPIT course ‘A Practical Refresher in Computer Science’ for Career Advancement Scheme (CAS) promotion.

DEPARTMENT OF ELECTRONICS

Departmental Activities

- Organized an online lab visit to Special Centre for Nanoscience (SCNS), Jawaharlal Nehru University on February 27, 2021 under the guidance of Prof. Bijoy Kuanr. Dr. Ram Krishna Ghosh, DST Inspire Faculty at Special Centre for NanoScience, JNU also delivered a talk about various research going on in the centre. Dr. Geeta Mongia was the convener and Ms. Aarti Malyan and Mr. Shani Kumar were the coordinators of this event.
- Organized an Alumni Interaction on ‘Opportunities for Research in Physical Sciences’ in association with Alumni Committee and Departments of Physics and Instrumentation of the college on February 19, 2021. Dr. Inderbir Kaur and Dr. Avneesh Mittal were the conveners of this event.
- Organized a webinar on ‘Carbon Nanotubes based Gas Sensors’ by Dr. Pika Jha, Scientist 'F' in a Solid State Physics Laboratory, DRDO on February 13, 2021. Dr. Geeta Mongia was the convener of the event. Dr. Inderbir Kaur, Ms. Aarti Malyan, and Mr. Shani Kumar were the organising committee members of the event.
- Organized a virtual lab visit to Yakult Danone India Pvt. Ltd. in association with the Department of Instrumentation of the college on February 8, 2021. The conveners of the visit were Dr. Inderbir Kaur and Dr. Avneesh Mittal.
- Organized virtual Fresher’s Party for first year students on January 30, 2021.
- Organized a webinar on ‘From an Idea to Startup’ by Mr. Amit Verma, Founder Youth Startup Network on September 25, 2020. The conveners of the webinar were Dr. Geeta Mongia and Dr. Inderbir Kaur. Ms. Aarti Malyan and Mr. Shani Kumar acted as co-convener for the same.
- A five-day BCAS Silver Jubilee International webinar series on ‘Technological Trends for the Next Generation’ was organized from June 1-5, 2020. Many distinguished speakers from the renowned organisation were invited to give insights about the upcoming technological trends viz. Industry 4.0, Artificial Intelligence, Cloud

Computing, Smart Connected Devices, and Advanced Robotics. Dr. Geeta Mongia was the convener of the webinar series. Dr. Inderbir Kaur, Ms. Aarti Malyan and Mr. Shani Kumar were the coordinators of this event.

Faculty Achievements

Dr. Geeta Mongia

- Participated in live workshop on ‘Microservices: The Age of Application Development & Deployment’ conducted by Learn & Build (LnB) powered by TechieNest Pvt. Ltd. held on February 20-21, 2021.
- Award of Excellence presented for excellent mentorship for research work presented in ICONICS-UG’ organized by Department of Electronics, Sri Aurobindo College, University of Delhi held on February 15, 2021.
- Participated in a five-day online International workshop on Intellectual Property Right organized by MoE-Institution Innovation Council (IIC) Deen Dayal Upadhyaya (DDU) Chapter and IQAC DDU, University of Delhi held during February 9-13, 2021.
- **Mongia, G.,** Himanshu, & Verma, G. (2020). Design and analysis of Li-Fi system. *International Journal of Innovative Research in Technology*, 7(6), 94-100. ISSN: 2349-6002.
- Attended a National webinar on ‘Cyber Security Awareness: IV’ organized by Automation and Digitization committee of the college held on July 29, 2020.
- Participated in one-week online Faculty Development Programme on ‘Application of Industry 4.0 and in the field of Engineering and Medical’ organized by Department of Electronics and Telecommunication Engineering, Deogiri Institute of Engineering and Management Studies, Aurangabad held from July 27-31, 2020.
- Attended online Summer School-cum-Faculty Development Programme ‘Advances in Signal Processing and Machine Learning’ organized by NASI & MHRD-Institution Innovation Council (IIC), Deen Dayal Upadhyaya College Chapter, University of Delhi held on July 20-26, 2020.
- Attended a National webinar on ‘Role of Solar Photovoltaics in Post Covid 19’ organized by Department of Instrumentation of the college on July 17, 2020.
- Attended a National webinar on ‘Cyber Security Awareness: III’ organized by Automation and Digitization committee of the college on July 14, 2020.
- Attended a National webinar on ‘Cyber Security Awareness: II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Attended a National webinar on ‘Socio-Economic-Legal Impact of Corona Pandemic on Women’ organized by Aryabhatta College, University of Delhi held on June 27, 2020.

- Attended an International webinar on ‘Epidemiology, Diagnostics and Therapeutic Approaches to Combat COVID-19’ organized by Eco club of the college on June 26, 2020.
- Attended a National webinar on ‘Cyber Security Awareness: I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Attended three-day online workshop on ‘The Digital Turn in Education: A New Pattern in Teaching-Learning Practices’ organized by Atma Ram Sanatan Dharma College, University of Delhi held on June 20-22, 2020.
- Attended a National webinar on ‘Covid-19: A Clinical Approach, Myths and Reality’ organized by Swami Shraddhanand College, University of Delhi held on June 9, 2020.
- Attended a National webinar on ‘Transition to Online Learning: A Way Ahead’ organized by Jagannath Institute of Education, JIMS held on June 8, 2020.
- Attended a National webinar on ‘Mind-Body Medicine: In Present Scenario of Covid’ organized by Sri Aurobindo College, University of Delhi held on May 22, 2020.
- Attended a National webinar on ‘What is Light: Evolution of Quantum Theory’ organized by the Department of Physics, Kalindi College, University of Delhi held on May 12, 2020
- Attended a National webinar on ‘Dimension of Pandemic and Women in India’ organized by Mumbra Shikshan Prasarak Mandal’s, G.R Patil College of Arts, Science, Commerce and B.M.S, Mumbra, Thane affiliated to University of Mumbai held on May 10, 2020.
- Attended Faculty Development Programme: National webinar on ‘Challenges and Opportunities before Indian Higher Education due to Covid 19’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD held on May 2, 2020.
- Attended International webinar on ‘Global Nuclear Developments and Implications for Southern Asia’ organized by Amity University held on April 29, 2020.
- Attended Faculty Development Programme: National webinar on ‘ICT enabled Higher education in India: Challenges and Opportunities’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD on April 15, 2020.

Dr. Inderbir Kaur

- Participated in an online visit to Special Centre for Nanoscience, JNU organized by Department of Electronics of the college on February 27, 2021.
- Participated in online two-day workshop on ‘Micro Services: The New Age of Application Development & Deployment’ organized by the Department of Instrumentation of the college in collaboration with TechieNest held on February 20-21, 2021.

- Participated in five-day online workshop on ‘Intellectual Property Rights’ organized by the IQAC, Deen Dayal Upadhyaya College, University of Delhi held from February 9-13, 2021.
- Attended a webinar on ‘Cyber Security Awareness: V’ organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in the webinar on ‘National Education Policy 2020: Futuristics Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Attended a webinar on ‘Cyber Security Awareness: III’ organized by Automation and Digitization committee of the college on July 14, 2020.
- Participated in online Faculty Development Programme on ‘Exposure and Rejuvenation of Technologies in Changed Era of the World’ organized by the Department of Electronics and Communication Engineering, RKG Institute of technology, Uttar Pradesh held from July 6-10, 2020.
- Attended a webinar on ‘Cyber Security Awareness: II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Participated in the webinar on ‘Cyber Security Awareness: I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Participated in the webinar on ‘Medical Devices and Diagnostics for Covid-19 Risk Mitigation and Case Management: Needs, Trends and Future of Innovation’ organized by the Department of Microbiology of the college on June 23, 2020.
- Participated in the webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machine’ organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.
- Participated in online Faculty Development Programme on ‘Active Learning and Advanced Scientific Computing Methods’ organized by the Department of Physics, Loyola College, Chennai held from June 15-19, 2020.
- Participated in the webinar on ‘Being Healthy’ jointly organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on June 9, 2020.
- Participated in an online workshop on ‘Moodle: Learning Management System’ organized by the Department of Electronics and Department of English, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held from June 8-12, 2020.
- Attended an International webinar on ‘Optical Sources and their Applications’ organized by Department of Physics of the college on May 28, 2020.
- Participated in the Faculty Development Programme National webinar on ‘Women in Higher education: Issues and Challenges during Corona Pandemic’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College under Pandit Madan

Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on May 27, 2020.

- Participated in the webinar on 'Mind-Body Medicine: In Present Scenario of Covid' organized by Sri Aurobindo College, University of Delhi on May 22, 2020.
- Contributed as a Resource Person in an online Intercollege Faculty Development Programme on 'Understanding Google Classroom' organized by the Automation and Digitization committee of the college on May 13-14, 2020
- Participated in the webinar on 'What is Light: Evolution of Quantum Theory' organized by Department of Physics, Kalindi College, University of Delhi on May 12, 2020.
- Participated in the Faculty Development Programme National webinar on 'Challenges and Opportunities before Indian Higher Education due to Covid 19' organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College under PMMMNMTT of MHRD on May 2, 2020.
- Participated in Season 3 of SkyCampus: 'The Future is Here Now' organized by ICT Academy from April 27- May 1, 2020
- Participated in the Faculty Development Programme National webinar on 'ICT Enabled Higher Education in India: Challenges and Opportunities' organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College under PMMMNMT of MHRD on April 15, 2020.

Dr. Avneesh Mittal

- Appointed as Assistant Coordinator, IGNOU LSC-38042 at the college w.e.f January 1, 2021.
- Attended an International virtual conferences 'Next Generation Education Technology for Science and Engineering' organized by IETE MP Chapter in association with IEEE MP Subsection and The Institute of Engineers, India on February 26-27, 2021.
- Resource person for online workshop on 'How to develop e-content for Online Teaching' at UGC Human Resource Development Centre, Aligarh Muslim University on February 23-24, 2021.
- Annual membership of American Chemical Society. Registered for ACS Division of Polymer Chemistry - Poly Division Membership.
- Resource person in the online Refresher Course on 'Indian Philosophy: Samskara, Culture, and Global Recognition' as an evaluator of one session in the course for a presentation given by the participants (IDC) on February 20, 2021. The course was conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-Human Resource Development Centre, University of Delhi.
- Resource person for two sessions in online one-week Faculty Development Programme on 'Online Teaching Tools' organized by Mahatma Hansraj Faculty Development Centre,

Hansraj College, University of Delhi in collaboration with PARAMARSH, UGC Scheme on February 17, 2021.

- Resource person for four sessions in online ‘Workshop on e-Content Development and Online Pedagogy 2020-21’ UGC Human Resource Development Centre, Aligarh Muslim University from December 14-17, 2020.
- Resource person for two sessions in online one-week Faculty Development Programme on ‘E-Content Generation and Managing Online Teaching’ organized by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi in collaboration with Sri Aurobindo College (Evening), University of Delhi on December 12, 2020.
- Resource person for one-week online Faculty Development Programme on ‘Moving Towards New Normal with Effective Online Teaching’ organized by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi in collaboration with Kalindi College, University of Delhi on December 2, 2020.
- Attended an International webinar on ‘An Introduction to Quantum Information and Computation’ organized by Department of Physics of the college held on November 5, 2020.
- Attended an International webinar on ‘Lead and Lead-Free Perovskite Solar Cells’ organized by Department of Physics of the college held on October 29, 2020.
- Attended an International webinar on ‘Frustration and Physics’ organized by Department of Physics of the college held on October 22, 2020.
- Attended second short-term course on ‘Cyber Security’ organized by UGC-HRDC, JNU Delhi from September 21-26, 2020.
- Attended four-day National webinar on ‘Development of Institutional Quality with Reference to Parameters of NAAC’ organized by IQAC Cluster Centre from August 31-September 3, 2020.
- Mentor for the providing continuous guidance for the purchase process from GeM portal under DBT Star College Scheme in the workshop organized by Sri Tikaram Kanya Mahavidyalaya, Aligarh, Affiliated to Dr. B.R.A. University, Agra held in August 2020,.
- Resource person for five sessions of Faculty Development workshop ‘Development & Delivery of Course using Moodle & Google Apps for Teaching’ organized by IQAC, Aditi Mahavidhyalya, University of Delhi during August 10-14, 2020.
- Resource person for five sessions of online Faculty Development workshop ‘Content Management System to Learning Management System’ organized by IQAC, Laxmi Bai College, University of Delhi during August 4-8, 2020.
- Resource person for five sessions of online Faculty Development workshop ‘MOODLE: Learning Management System’ organized by IQAC, Lady Irwin College, University of Delhi during July 20-24, 2020.

- Coordinator for the ‘Summer Training Programme: Unite for Our Corona Warriors’ organized by the college in association with Society of Pollution and Environmental Conservation Scientists, Dehradun during June 29- July 18, 2020.
- Attended an International webinar on ‘Cellular Therapies for Arthritic Disease: Clinical Translation and Obstacles’ organized by the college and National University of Ireland, Galway on July 17, 2020.
- Resource person for five sessions in five-day online Faculty Development workshop ‘Moodle: An Online Learning Management System’ organized by Department of Biochemistry, Institute of Home Economics, University of Delhi from July 1-5, 2020.
- Attended an International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Resource person for three sessions in five-day online Faculty Development workshop ‘MOODLE: Learning Management System’ organized by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi from June 8-12, 2020.
- Attended two-day National webinar on ‘AQAR Writing and Submission as per New NAAC Guidelines’ organized by Miraj Mahavidyaylay, Miraj and S. M. Dnyandeo Mohekar Mahavidyalaya, Kalamb and WhiteCode during June 6-7, 2020.
- Attended an International webinar series on ‘Technological Trends for the Next Generation’ organized by Department of Electronics of the college held during June 1-5, 2020.
- Convener for one-week online workshop on ‘E-content Development and Online Pedagogy’, organized by CPDHE, University of Delhi from May 23-29, 2020. Also conducted three sessions as resource person during the workshop.
- Resource person for two sessions in one-week online workshop on ‘MOOCs, Online Courses & Open Educational Resources’ organized by CPDHE, University of Delhi from May 23-29, 2020.
- Attended an International webinar on ‘How Huge is NANO?’ organized by Department of Physics of the college on May 29, 2020.
- Attended an International webinar on ‘Optical Sources and their Applications’ organized by Department of Physics of the college on May 28, 2020.
- Attended an International webinar series on ‘Transforming Indian Healthcare via Telemedicine’ organized by Wockhardt on May 21, 2020.
- Attended a webinar on ‘Emerging Trends in E-Learning: Complete Classroom and Evaluation Process using MOODLE LMS’ organized by Swami Shraddhanand College, University of Delhi on May 18, 2020.

Ms. Shweta Gupta

- Participated in the online lab visit to Special Centre for Nanoscience, Jawaharlal Nehru University organized by the Department of Electronics of the college on February 27, 2021.
- Participated in the online workshop on ‘Leadership Development Programme (LDP-2) organized by the Centre for Professional Development in Higher Education from January 19-25, 2021.
- Participated in the International webinar on ‘An Introduction to Quantum Information and Computation’ organized by Department of Physics of the college on November 5, 2020.
- Participated in the online International workshop on ‘Visual Note-Taking’ organized by Dr. B.R. Ambedkar University, Delhi on September 22, 2020.
- Participated in the two-week Faculty Development Programme on ‘ICT Based New Paradigms of E-Teaching and E-Learning: Digital Pedagogy’ organized by Mata Sundri College for Women in collaboration with Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) of Teaching Learning Centre, Ramanujan college held during September 15-30, 2020.
- Participated in the webinar on ‘Breaking the Mind Barrier’ organized by the Aurobindo college, University of Delhi on September 10, 2020.
- Participated in the National webinar on ‘Promotional Avenues for Teachers in Higher Education: CAS Regulations 2018’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD on September 5, 2020.
- Attended a webinar on ‘Cyber Security Awareness: V’ organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in the International conclave on ‘Contemporary Physics: The New Paradigm Shift’ organized by the Rajdhani College, University of Delhi from August 27-29, 2020.
- Attended a webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by the college on August 25, 2020.
- Attended an International webinar on ‘Quantum Materials and Nanoparticles for Advanced Applications’ organized by the Kamaraj college, Tamil Nadu on August 6, 2020.
- Completed one-week online Faculty Training Program on ‘Pedagogical Training for Effective Online Teaching & Learning’ organized by the Deen Dayal Upadhyaya College, University of Delhi and K.T.H.M. College, Nashik during August 3-10, 2020.
- Attended an International webinar on ‘A Short history of Solar Physics’ organized by the Departments of Instrumentation and Physics of the college on July 30, 2020.

- Attended a webinar on 'Cyber Security Awareness: IV' organized by the Automation and Digitization committee of the college on July 29, 2020.
- Completed three-day International workshop on 'How to Make Interactive Videos without Recording, to Flip & Blend your Classes' organized by the Global Teacher Educator Youtube Channel from July 26-28, 2020.
- Attended a webinar on 'Role of Solar Photovoltaics in Post Covid-19' organized by the Department of Instrumentation of the college on July 17, 2020.
- Attended an International webinar on 'Shaping the Career for 5G Technologies' organized by the Department of Instrumentation of the college on July 15, 2020.
- Attended a webinar on 'COVID-19: Accosting the Pandemic using CRISPR Scissors' organized by the Department of Microbiology of the college on July 13, 2020.
- Attended a webinar on 'Proteomics: Technologies and its Application for Covid-19 Research' organized by the Department of Microbiology of the college on July 10, 2020.
- Attended a webinar on 'Can Future Energy Needs to be Met Sustainably' organized by Deen Dayal Upadhyaya College, University of Delhi on July 10, 2020.
- Attended a webinar on 'New Chemistry and Physics in Magnetic Oxides' organized by Deen Dayal Upadhyaya College, University of Delhi on July 3, 2020.
- Attended a webinar on 'Printed and Flexible Electronics and Devices' organized by Deen Dayal Upadhyaya College, University of Delhi on June 24, 2020.
- Attended seven-day National workshop on 'Research Methodology' organized by N.A.S. P.G. College, Meerut, Chaudhary Charan Singh University in association with IGNOU Regional Centre, Noida held from June 9-15, 2020.
- Attended a webinar on 'Endofullerenes: Nano-scale Test Tubes for Single Molecules and Atoms' organized by Deen Dayal Upadhyaya College, University of Delhi on June 8, 2020.
- Attended a National webinar on 'Enhancing Research Interest of Research Publications' organized by Maharaja Agrasen College, University of Delhi on June 3, 2020.
- Attended a virtual lecture on 'FOSS TCAD/EDA Tools for Compact and SPICE Modeling' organized by IEEE Electron Device Society (EDS)Delhi Chapter-India and Department of Electronic Science, University of Delhi on June 3, 2020.
- Attended a webinar on 'Finding Needles in a Haystack: Liquid Biopsy for Nucleic Acid and Protein Molecular Biomarkers for Disease Diagnosis' organized by Deen Dayal Upadhyaya College, University of Delhi on June 2, 2020.
- Attended International webinar series on 'Technological Trends for the Next Generation' organized by Department of Electronics of the college held from June 1-5, 2020.
- Attended a virtual lecture on 'Compact Modeling and Parameter Extraction for Oxide and Organic Thin Film Transistors (TFTs)' organized by IEEE Electron Device Society

(EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 31, 2020.

- Attended a webinar on ‘Engineering Solutions for Point-of-Care & Early Diagnosis’ organized by Deen Dayal Upadhyaya College, University of Delhi on May 30, 2020.
- Attended a virtual lecture on ‘Advanced III-N devices for 5G and Beyond’ Introducing Two-dimensional Layered Dielectrics in Solid-State Microelectronic Devices’ organized by IEEE Electron Device Society (EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 27, 2020.
- Attended a virtual lecture on ‘Transparent and Flexible Large Area Electronics’ organized by IEEE Electron Device Society (EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 16, 2020.
- Attended a virtual lecture on ‘State-of-the-Art Silicon Very Large-Scale Integrated Circuits: Industrial face of Nanotechnology’ organized by IEEE Electron Device Society (EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 15, 2020.
- Attended an Intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college held on May 13-14, 2020.
- Attended a virtual lecture on ‘Phase Change Electro-optical Devices for Space Applications’ organized by IEEE Electron Device Society (EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 12, 2020.
- Attended a virtual lecture on ‘From CMOS to Neuromorphic Computing-A Peek into the Future’ organized by IEEE Electron Device Society (EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 11, 2020.
- Attended a virtual lecture on ‘Junctionless Nanowire Transistors: Electrical Characteristics and Compact Modeling’ organized by IEEE Electron Device Society (EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 8, 2020.
- Attended a virtual Lecture on ‘Field Effect Transistors: from MOSFET to Tunnel-Fet’ organized by IEEE Electron Device Society (EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 6, 2020.
- Attended a virtual lecture on ‘Introducing Two-Dimensional Layered Dielectrics in Solid-State Microelectronic Devices’ organized by IEEE Electron Device Society (EDS) Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 5, 2020.
- Attended a virtual lecture on ‘Two Dimensional Layered Materials for Nanoelectronics’ organized by IEEE Electron Device Society (EDS), Delhi Chapter-India and Department of Electronic Science, University of Delhi on May 1, 2020.

- Attended a virtual lecture on ‘High-K Dielectric and Interface Engineering for High Performance Si/Ge MOS and FINFETs’ organized by IEEE Electron Device Society (EDS), Delhi Chapter-India and Department of Electronic Science, University of Delhi on April 30, 2020.

Dr. Jitender Kumar

- Participated in one-week online Faculty Development Programme on ‘E-Learning and Development MOOCs for Teaching Process in Higher Education’ at Teaching Learning Centre, Ramanujan College, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) held during December 14-20, 2020 .
- Participated in one-week online Faculty Development Programme on ‘Moving towards New Normal through Effective Online Teaching’ at Mahatma Hansraj Faculty Development Centre, A Centre of MoE, Govt of India under PMMMNMTT held during December 1-7, 2020.
- Participated in one-week online Faculty Development Programme on ‘Advanced Pedagogical Techniques’ at Teaching Learning Centre, Ramanujan College under PMMMNMTT held during October 29-November 5, 2020.
- Participated in one-week online Faculty Development Programme on ‘Pedagogical Training for Effective Online Teaching and Learning’ at Deen Dayal Upadhyaya college, University of Delhi held during August 3-10, 2020.
- Organized a webinar on ‘UG Admissions 2020-21’ in collaboration with Admission Branch, University of Delhi on July 16, 2020.
- Attended a webinar on ‘Cyber Security Awareness: III’organized by Automation and Digitization committee of the college held on July 14, 2020.
- Participated in one-week online Faculty Development Programme on ‘Emerging Technology for Education and Research in Industry 4.0’ organized by Bharti Vidhyapeeth Institute of Computer Applications and Management (BVICAM), Delhi held during July 6-10, 2020.
- Attended a webinar on ‘New Chemistry and Physics in Magnetic Oxides’ jointly organized by MHRD- Institution Innovation Council and Deen Dayal Upadhyaya college, University of Delhi under Atmanirbhar Bharat webinar series on July 3, 2020.
- Attended a webinar on ‘Cyber Security Awareness: II’ organized by Automation and Digitization committee of the college held on July 3, 2020.
- Attended a webinar on ‘Printed and Flexible Electronics and Devices’ jointly organized by MHRD-Institution Innovation Council and Deen Dayal Upadhyaya college, University of Delhi under Atmanirbhar Bharat webinar series on June 24, 2020.
- Attended a webinar on ‘Living with Corona: Challenges and Management of Well-being’ organized by the Internal Quality Assurance Cell in collaboration with the Department of Physical Education, Jesus and Mary College on June 5-6, 2020.

- Participated in two-day International online workshop on ‘Rejuvenation through Yoga during Covid’ organized by Department of Physical Education, Dayanand College, Hisar on June 1-2, 2020.
- Attended a webinar on ‘Printed and Engineering Solutions for Point-of Care and Early Diagnostics’ jointly organized by MHRD-Institution Innovation Council and Deen Dayal Upadhyaya College, University of Delhi under Atmanirbhar Bharat webinar series on May 30, 2020.
- Attended a live International webinar on ‘How Huge is Nano?’ organized by Department of Physics of the college on May 29, 2020.
- Attended a live webinar on ‘Sanskrit for Computers and Computers for Sanskrit’ organized by the Department of Computer Science of the college on May 29, 2020.
- Attended a live International webinar on ‘Optical Sources and Their Applications’ organized by Department of Physics of the college on May 28, 2020.
- Participated in the National webinar on ‘Ecological Revival During Pandemic’ organized by Department of Chemistry of the college on May 21, 2020.
- Attended an online Intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college on May 13-14, 2020.
- Participated in three-day online Faculty Development Programme on ‘Online Transaction of Courses with Moodle- LMS’ organized by Automation and Digitization committee of the college held during May 8-10, 2020.
- Attended a live webinar on ‘Managing Food Safety & Quality in the Time of COVID-19’ organized by the Department of Food Technology of the college on May 6, 2020.
- Sadhu, S.D., Meena, P.L., **Kumar, J.**, Gupta, J. Choudhary, S., Gupta, A. (2020). Preparation and characterization of polyaniline- and polythiophene-based copolymer and its nanocomposite suitable for electro-optical devices. *Polymer Composites*, 41(11), 4619-4630.

Dr. Amit Kumar

- Completed online ATAL Faculty Development Programme on ‘Data Science’ from ATAL Academy, Saintgits College of Engineering from January 18-22, 2021.
- **Kumar, A.** (2020). Wavelet Signal Processing: A Review for Recent Applications. *International Journal of Engineering & Techniques*, 6(6), 52–60.
- Presented paper on ‘Review for Recent Trends in VLSI Designs & Future Alternatives due to Nanotechnology’ in 26th International Academy of Physical Sciences on Advances in Physics at Gondwana University, Gadchiroli, Maharashtra from December 18-20, 2020.
- Completed online ATAL Faculty Development Programme on ‘Productivity Enhancement’ from ATAL Academy, National Institute of Technology, Warangal from November 3-7, 2020.

- **Kumar, A.** (2020). Online Learning a Success Story: Report of One day Online National Workshop on Primers of Artificial Intelligence. In L. K. Sharma (Ed.), *Digital Stress Management*(pp. 35-43). Asian Press Books.
- Presented paper on ‘Teaching Physics through Disruptive Technologies under NEP 2020’ in 8th Annual Convention organized by Indian Association of Physics Teachers, Indian Association of Physics Teachers, Delhi and Haryana Region held from October 10-11, 2020.
- **Kumar, A.** (2020). Urgently adopted online teaching amid Covid-19 Pandemic: An Experience Sharing. In: Dr. Lalita K. Sharma (Ed.), *Dynamics of Educational Psychology* (pp. 162-172). Asian Press Books.
- Presented paper on ‘Counteracting Indian Social Divide through National Education Policy 2020’ in National webinar on Dimensions of National Education Policy 2020 organized by Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Madhya Pradesh from September 26-28, 2020.
- Presented paper on ‘Role of National Education Policy on Rural Empowerment: Analysis amid Covid-19 Pandemic’ in AICTE Sponsored International e-Conference on Innovation in Rural Empowerment, Social Dynamic & Welfare in India organized by Nandha College of Technology on September 15, 2020.
- Presented two papers on ‘Online-learning a Success Story: Report of One Day National Workshop on Primers of Artificial Intelligence’, and ‘Electronic waste as new Indo-Chinese battlefield’ in Virtual International Conference on Innovation for New Normal, Govt. Degree College, Kakatiya University held from August 23-25, 2020.
- Presented paper on ‘Computer vision: Adding More Senses to Artificial Intelligence’ in Recent Advances in Technology & Engineering (CRATE-2020) organized by Department of Computer Science & Engineering, Vemu Institute of Technology from August 20-21, 2020.
- Completed online Faculty Development Programme on Machine Learning organized by Department of Information Science and Engineering, VVCE, Mysuru held from August 10-14, 2020.
- Completed online workshop on ‘Emerging trends in Science & Technology: Issues in these Unprecedented Times’ organized by Shyam Lal College, University of Delhi from August 4-8, 2020.
- **Kumar, A.** (2020). Suggestive Study of Indian Universities amid Covid-19 pandemic. In K. Kaur & L. Kumari (Eds.), *The Changing India amid Covid-19 Catastrophe* (pp. 90–95). Asian Press Books.
- **Kumar, A.** (2020). Study of ancient Indian education system to get clues of improvements in science education amid Covid-19 pandemic. In K. Kaur & L. Kumari (Eds.), *The Changing India amid Covid-19 Catastrophe* (pp. 50–55). Asian Press Books.

- **Kumar, A.,** & Bhatnagar, P. K. (2020). Enhanced Performance of Single Layer MEH-PPV Polymer Light Emitting Diodes: Effect of Alq₃ Electron Transporting Layer and LiF: Al Cathode Contact on Single Layer MEHPPV Polymer LEDs. *International Journal of Creative Research Thoughts*, 8(7), 3893–3897.
- Presented paper on 'Review of Recent Electronic Manufacturing Schemes Announced by MEIT (Ministry of Electronics & information Technology) amid COVID-19 Pandemic' in International conference on Global Economic Order in the Post-COVID-19 Era: Challenges, Opportunities and Strategies organized by Maharaja Agrasen Institute of Management Studies, New Delhi held on July 25, 2020.
- **Kumar, A.** (2020). Review of Recent Electronic Manufacturing Schemes Announced by MeitY and COVID-19 Pandemic. In R. K. Gupta (Ed.), *Global Economic Order in the Post-Covid-19 Era: Challenges, Opportunities and Strategies* (pp. 183–189). Maharaja Agrasen University Publication.
- Presented two paper on 'Wavelet Signal Processing: An Introduction & its Recent Application in Combat against Covid-19 Pandemic' and 'Online-teaching amid Covid-19 Pandemic: An Experience Sharingin National e-Conference on SDG-4, COVID-19 Re-calibrating Indian Education System, PHD Chamber of Commerce, New Delhi on July 24, 2020.
- Presented paper on 'Recent trends in VLSI designs due to Advances in Nanotechnology' in National e-Conference on Emerging Trends in Physical Sciences, Arts, Science and Commerce College, Ramanadnagar, Burali held on July 22, 2020.
- Presented paper on 'Artificial Intelligence to Combat Corona Pandemic: Discussion Paper', in National Conference on Industry 4.0: Exploring New Horizons and Challenges for New Normal Post Covid-19, JIMS Engineering Management Technical Campus, New Delhi held on July 11, 2020.
- **Kumar, A.** (2020). Artificial Intelligence to Combat Corona Pandemic: Discussion Paper. In R. K. Raghuvanshi (Ed.), *A Handbook on Industry 4.0: Exploring New Horizons and Challenges for New Normal Post COVID-19* (pp. 204–213). Taurean Publications.
- Presented paper on 'Wavelets as New Mathematical Tool for Signal Processing'at International e-conference on Advances in Information Technology, Business Management and e-Commerce, The Quide Milleth College for Mens, Medvakkam, Chennai, Tamil Nadu on July 4-5, 2020.
- Coordinated one-day online workshop on Primer's of Artificial Intelligence in association with DUCAT on July 3, 2020.
- Presented paper on 'Role of Disruptive Technologies in Education during & after Covid-19 Scenario' atMultidisciplinary National e-Conference 'Rejuvenation through Innovation: Need of the Hour', Govt. P. G. College, Una, Himachal Pradesh from July 1-2, 2020.

- Presented paper on 'Sanskrit as Language for Artificial Intelligence & Robotics' in International Sanskrit e-conference on 'Insight into Sanskrit Knowledge World', Govt. College of Arts and Science, Aurangabad, Maharashtra from June 29-30, 2020.
- Kumar, A.** (2020). Sanskrit as Language for Artificial Intelligence & Robotics. *Ajanta*, 9(2), 1–5.
- Presented poster on 'Indian Universities on Crossroad to Define New Normal' in International e-conference on 'Digital Education: Scope and Challenges in India' organized by Bhartiya Shikshan Mandal and Ch. Charan Singh University, Meerut from June 27-28, 2020.
- Completed online Atal Faculty Development Programme on 'Augmented Reality & Virtual Reality' from ATAL Academy, National Institute of Technology, Warangal from June 16-20, 2020.
- Presented paper on 'Clues for Improvements in Science Education from Ancient Indian Education System' in International webinar on 'Indian Culture: An Evergreen Relevant Foundation for Global Peace, Modern College of Professional Studies, Ch. Charan Singh University held on June 12-13, 2020.
- Presented poster on 'Study of e-waste Management in Pre-Covid era with Suggestions for Post-Covid Time in Indian Perspective' at National webinar on 'Environmental Perspective of Covid-19' organized by Sanatan Dharma College, Ambala Cantt. on June 5, 2020. Received best poster award for the same.
- Presented paper on 'Learning Physics through Augmented Reality' at National webinar on 'Emerging Trends, Issues, Challenges & Opportunities Post Corona Crisis' organized by Mahatma Gandhi Central University from May 30-31, 2020.
- Presented paper on 'Current Status & Future Challenges for Electronic Industry in India' at International e-Conference on 'Covid-19, Pandemic: Issues, Challenges and Opportunities for Trade, e-Commerce and Employment' organized by Economic & Commerce Department, Shri Asaramji Bhandwadkar Arts, Commerce and Science College, Aurangabad, Maharashtra on May 29, 2020.
- Presented paper on 'Suggestions for Higher Education in India during COVID Pandemic' at National webinar on 'Impact of Covid-19 on India: Educational vis a vis Cultural Perspective' organized by Bhartiya Shikshan Mandal, Kashi in association with IAMD from May 16-17, 2020.
- Completed online 'FDP on Moodle: Learning Management System' organized by MGM University, Aurangabad from May 7-12, 2020.
- Completed two-week online Faculty Development Programme on 'Managing Online Classes and Co-creating MOOCs' from TLC, Ramanujan College, University of Delhi, sponsored by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD from April 20-May 6, 2020.

Ms. Aarti Malyan

- Contributed as an event coordinator for the webinar on the topic ‘Ayurveda Against Addiction: A Scientific Approach’ organized by Anti-Tobacco cell and Film club in association with Modern & Fine Arts club of the college on the occasion of National Science Day held on February 26, 2021.
- Contributed as a coordinator for the National webinar on ‘Opportunities for Women in Hospital and Healthcare Management’ organized by Women Development Cell of the college in collaboration with IIHMR, Dwarka on February 25, 2021.
- Attended a webinar on ‘Cancer Awareness for Women’ organized by Department of Biomedical Science and Women Development Cell of the college and Dr. B.R. Ambedkar Centre for Biomedical Research (ACBR), University of Delhi on February 22, 2021.
- Contributed as a member, organising committee for the workshop on ‘My Bizzness: DST Sponsored- Women Entrepreneurship Development Programme’ organized by Women Development Cell of the college on January 16, 2021.
- Participated in a workshop on ‘Online Licensing and Open Educational Resources’ organized by Automation and Digitization committee of the college on October 28, 2020.
- Attended a webinar on ‘Cyber Security Awareness: V’ organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in National one-week Faculty Training Program on ‘Pedagogical Training for Effective Online Teaching and Learning’ organized by Deen Dayal Upadhyaya College, University of Delhi in association with K.T.H.M. College, Nashik held from August 3-10, 2020.
- Attended a webinar on ‘Cyber Security Awareness: IV’ organized by Automation and Digitization committee of the college on July 29, 2020.
- Attended a webinar on ‘Cyber Security Awareness: III’ organized by Automation and Digitization committee of the college on July 14, 2020.
- Attended a webinar on ‘New Chemistry and Physics in Magnetic Oxides’ organized by NASI- Delhi Chapter and MHRD- IIC, Deen Dayal Upadhyaya College, University of Delhi on July 3, 2020.
- Attended a webinar on ‘Cyber Security Awareness: II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Attended a National webinar on ‘Career Opportunities in Civil Service’ organized by Career Counselling cell of the college on June 27, 2020.
- Attended a webinar on ‘Printed and Flexible Electronic Devices’ organized by NASI- Delhi Chapter and MHRD- IIC, Deen Dayal Upadhyaya College, University of Delhi on June 24, 2020.

- Contributed as a co-coordinator for the webinar on ‘Cyber Security Awareness: I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Attended a WeThinkDigital webinar on ‘Cybercrime & Redressal’ organized by We Digital, Facebook and Digital Shakti on June 10, 2020.
- Participated in a two-day Intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.

Mr. Shani Kumar

- Attended a webinar on ‘Cancer Awareness for Women’ organized by Department of Biomedical Science and Women Development Cell of the college and Dr. B.R. Ambedkar Centre for Biomedical Research (ACBR), University on February 22, 2021.
- Attended a webinar on ‘Introduction to VLSI’ organized by Department of Instrumentation of the college on November 7, 2020.
- Attended a WeThinkDigital webinar on ‘Cybercrime and Redressal’ organized by We Digital, Facebook and Digital Shakti on June 10, 2020.

Student Achievement

- Chirag Bhardwaj of second year secured a position in Top Fifteen in the International Conference of Undergraduate Students of Electronics (ICONICS-UG 2020-21) organized by Department of Electronics, Sri Aurobindo College, University of Delhi on February 15, 2021.

DEPARTMENT OF ENGLISH***Faculty Achievements*****Dr. Satyawati**

- Participated in the National webinar on ‘Prevention of Domestic Violence against Women’ jointly organized by Delhi State Legal services Authority, Arunachal Pradesh State Legal services Authority, Punjab State Legal services Authority, Manipur State Legal services Authority and Bhagidari Jan Sahyog Samiti (Regd.), NSS Guru Gobind Singh Indraprastha University, NSS Shyama Prasad Mukherjee College, University of Delhi, Divinity Heals, New Delhi and The Pride: Voice of Rights, New Delhi on September 26, 2020.
- Participated in the National webinar on ‘Obesity Management’ jointly organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.
- Participated in the National webinar on ‘Ecological Revival during Pandemic’ organized by the Department of Chemistry of the college on May 21, 2020.

- Participated in the National webinar on ‘Rog mai Yog’ organized by Yoga club of the college on May 16, 2020.
- Participated in the webinar on ‘Managing Food Safety & Quality in the Time of Covid - 19’ organized by the Department of Food Technology of the college on May 6, 2020.

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Faculty Achievements

Dr. Franky Varah

- **Varah, F.**, Mahongnao, M., Pani, B., & Khamrang, S. (2020). Exploring Young Consumers’ Intention toward Green Products: Applying an Extended Theory of Planned Behavior, *Environment, Development and Sustainability*, 23, 9181–9195.
- **Varah, F.**, Mahongnao, M., Francis, D., & Shimrah, T. (2020). Measuring environmental attitudes and behaviors: a study of undergraduate students in Delhi. *Natural Hazards*, 103(2), 1291-1306.
- **Varah, F.**, Mahong, M., Khashimwo, P., & Tuisem, S. (2020). *Environmental Studies*. Heritage Publishers.
- Participated in the webinar on ‘Restoring Biodiversity for Environmental and Sustainability of Garden’ organized by Kalindi College, University of Delhi on October 15, 2020.
- Delivered a lecture in the Intracollege training program on ‘Computer Literacy’ organized by Automation and Digitization committee of the college from September 26-October 9, 2020.
- Participated in the webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by VivekanandaVichar Manch of the college on August 25, 2020.
- Participated in the webinar on ‘Transforming and Repacking Library Services during Pandemic’ organized by Springer Nature in association with Delhi University College Librarians Forum on August 14, 2020.
- Participated in the webinar on ‘Towards Inclusive Innovations and Network-based Entrepreneurship’ organized by Mizoram University, Aizawl, India on August 10, 2020.
- Participated in the webinar on ‘Cyber Security Awareness’ organized by the Automation and Digitization committee of the college on June 23, 2020.
- Participated in the National webinar on ‘Ecological Revival during Pandemic’ organized by Department of Chemistry of the college on May 21, 2020.
- Participated in the National webinar on ‘Honey: Natural Immunity Booster to Combat Infectious Diseases & Beekeeping Economics’ organized by Department of Zoology, Career Point University, Himachal Pradesh on May 19, 2020.

DEPARTMENT OF FOOD TECHNOLOGY

Departmental Activities

- Organized a virtual visit to Haldiram Snacks Pvt. Ltd. for the students of the department on January 13, 2021. The activity was coordinated by Dr. Sakshi Khurana.
- Organized an online National Poster Competition on 'Eat Right to Beat Diabetes' 2020 from November 14-19, 2020 during World Diabetes Day 2020 celebrations in collaboration with Association of Food Scientists and Technologists (AFST (I)) Delhi Chapter, Network of Professionals of Food and Nutrition (NetProFan) Delhi Chapter, Centre for Quality and Food Safety (CQFS). The activity was convened by Dr. Shalini Sehgal.
- A concluding webinar on 'Food Allergy & Intolerances' was conducted on October 30, 2020. Dr. Ravi Gutta, M.D, Allergy and Immunology Fellowship-US, Mediclinic Hospital, Dubai and Ms. Wajida Ayub were the resource persons. A contest on food allergy was also organized and the name of the winner was announced at the end of the webinar. The webinar was convened by Dr. Eram S. Rao and coordinated by Dr. Roshan Lal.
- Organized two virtual events 'Foodle-Doodle' making and 'Jingle-e-Food' during the World Food Day celebrations on October 20, 2020. The events were convened by Dr. Eram S. Rao.
- Organized a National poster competition 'Grow-Nourish-Sustain-Together' virtually during World Food Day celebrations in association with Network of Professionals of Food and Nutrition (NetProFan), Delhi Chapter from October 16-20, 2020.
- Organized a webinar on 'Tips and Strategies for Families Living with Lactose Intolerances' by Ms. Naaznin Husain, Founder Director, Freedom Wellness Management on October 11, 2020. This webinar was convened by Dr. Eram S. Rao and coordinated by Dr. Roshan Lal.
- Organized a National webinar on 'Changing Dynamics of Nutrition' in collaboration with the Association of Food Scientists & Technologists (AFSTI) Delhi Chapter, Network of Professionals of Food and Nutrition (NetProFan) Delhi Chapter, Global Alliance for Improved Nutrition (GAIN), Indian Dietetic Association (IDA) Delhi Chapter and Centre for Quality and Food Safety (CQFS) on September 26, 2020 during the National Nutrition Month 2020 celebrations. Dr. B. Sesikaran, Former Director, National Institute of Nutrition, Dr. Prema Ramachandran, Director, Nutrition Foundation of India, Dr. Anupa Sidhu, Director, Lady Irwin College, University of Delhi and Ms. Deepti Gulati, Head of Programmes, GAIN India were the resource persons. The event was convened by Dr. Shalini Sehgal and co-convened by Dr. Sakshi Khurana and Dr. C. Lalmuanpuia.
- Organized three online events as part of the National Nutrition Month 2020 celebrations
 - a) A National online quiz competition on 'Eating Right', b) National Digital Art competition on ' Eat Right, Bite by Bite' and c) National recipe contest using fortified staples on 'Nourish to Flourish' on September 19, 2020, September 14-21, 2020, and

September 11-18, 2020 respectively, in collaboration with Association of Food Scientists & Technologists (AFSTI) Delhi Chapter, Network of Professionals of Food and Nutrition (NetProFan) Delhi Chapter, Global Alliance for Improved Nutrition (GAIN), Indian Dietetic Association (IDA) Delhi Chapter and Centre for Quality and Food Safety (CQFS). The event was convened and co-convened by Dr. Shalini Sehgal and Dr. Sakshi Khurana, respectively.

- Organized a webinar on 'Dietary Management of Coeliac Disease' by Ms. Ishi Khosla, Nutritionist and Founder of Celiac Society, India on September 5, 2020. The webinar was convened by Dr. Eram S. Rao and coordinated by Dr. Roshan Lal.
- Organized a webinar on 'Reading and Decoding Food Labels' by Dr. Seema Puri Associate Professor, Institute of Home Economics, University of Delhi and Ms. Rashida from Labelblind on August 29, 2020. The webinar was convened by Dr. Eram S. Rao and coordinated by Dr. Roshan Lal
- Organized a talk on 'How to Land Up Your Dream Job in First Attempt' by Ms. Nidhi Sethi, Image Consultant and Soft Skill Trainer on August 27, 2020. The talk was convened by Dr. Eram S. Rao and coordinated by Dr. Roshan Lal.
- Organized National webinar on 'Role of Enzymes in Food Industry and their Regulatory Frameworks' by Dr. Jasveer Singh, Regulatory, Scientific and Government Affairs Leader, DuPont Nutrition and Biosciences on August 21, 2020, in collaboration with AFST(I) Delhi Chapter. The webinar was part of the series themed 'Let's Talk About Food', convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana and Dr. C. Lalmuanpuia.
- Organized a webinar on 'Demystifying Food Intolerances and Food Allergies' by Dr. Ravi Gutta, M.D, Allergy and Immunology Fellowship-US, Mediclinic Hospital, Dubai on August 15, 2020. The webinar was convened by Dr. Eram S. Rao and coordinated by Dr. Roshan Lal.
- Organized a National webinar on 'Food Safety in E-commerce' by Ms. Vani Bhambri Arora, Expert Conformity Assessment and Standards, in collaboration with AFST(I) Delhi Chapter on August 14, 2020. The webinar was part of the series themed 'Let's Talk About Food', convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana and Dr. C. Lalmuanpuia.
- Organized a National webinar on 'Challenges of Standards and Conformity Assessment in Food Sector' by Mr. Anil Jauhri, Former CEO, NABCB in collaboration with AFST(I) Delhi Chapter on July 29, 2020. The webinar was part of the series themed 'Let's Talk About Food', convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana and Dr. C. Lalmuanpuia.
- Organized a National webinar on 'How Artificial Intelligence can help Food and Beverage Companies Innovate' by Ms. Salomi Naik, Head of Innovation, Ai Palette, Singapore in collaboration with AFST(I) Delhi Chapter on July 24, 2020. The webinar

was part of the series themed 'Let's Talk About Food' convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana and Dr. C. Lalmuanpuia.

- Organized a National webinar on 'Certification and Regulations of Organic Foods' by Dr. S. C. Khurana, Lead Expert, FSSAI in collaboration with AFST(I) Delhi Chapter on July 21, 2020. The webinar was part of the series themed 'Let's Talk About Food', convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana.
- Organized a National webinar on 'Know Your Cooking Oils' by Dr. A. Madhavan, Director, Center for Quality and Food Safety in collaboration with AFST(I) Delhi Chapter on July 17, 2020. The webinar was part of the series themed 'Let's Talk About Food' convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana.
- Organized a National webinar on 'Standards and Trade Development Facility- An Introduction' by Mr. Sanjay Dave, Former Chairperson, Codex Alimentarius Commission and Former Advisor, FSSAI in collaboration with AFST(I) Delhi Chapter on July 10, 2020. It was part of the series themed 'Let's Talk About Food' convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana.
- Organized a National webinar on 'Improving Nutrition through Food Fortification' by Ms. Deepti Gulati, Head of Programmes, GAIN, India in collaboration with AFST(I) Delhi Chapter on July 6, 2020. The webinar was part of the series themed 'Let's Talk About Food' convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana.
- Organized a National webinar on 'Immunity Boosting Foods during COVID-19' by Dr. Shalini S. Arya, Institute of Chemical Technology, Mumbai in collaboration with AFST(I) Delhi Chapter on July 1, 2020. The webinar was part of the series themed 'Let's Talk About Food' convened by Dr. Shalini Sehgal and coordinated by Dr. Sakshi Khurana.
- Organized an online inter-collegiate poster making competition on 'Food Safety and COVID 19' from June 6-11, 2020. Twenty-four participants from nine different colleges and universities viz. Lady Irwin College, Institute of Home Economics, Bhaskaracharya College of Applied Sciences, Shaheed Rajguru College, Guru Jambheshwar University of Science and Technology (Hisar), Manav Rachna International Institute of Research and Studies (Faridabad), R.G.P.G. College (Meerut), KSK Kaku College of Food Technology (Beed), Amity Institute of Food Technology (Noida), participated in the event. The activity was convened by Dr. Rizwana and coordinated by Dr. Sakshi Khurana.
- Organized two webinars on 'Sport Specific Nutrition for Performance Enhancement' and 'Nutrition and Fitness for Sports: The Added COVID Challenge' on May 31, 2020 and May 30, 2020, respectively, as a part of a National Webinar series. Dr. Priti Rishi Lal from ICMR-NIN was the resource person. The series was convened by Dr. Eram S. Rao and coordinated by Dr. Roshan Lal.
- Organized a National webinar on 'Nutrition and Immunity Simplified and Applied' by Ms. Jagmeet Madan, Principal Sir Vithaldas Thakersey College of Home Science, SNDT

Women's University, Mumbai on May 19, 2020. The webinar was convened by Dr. Eram S. Rao and coordinated by Dr. Roshan Lal.

- Organized a webinar on 'Managing Food Safety & Quality in the time of COVID-19' by Ms. Nirmala Shahapurkar, AVP-Head of Quality South Asia Region, Nestle India Ltd.on May 6, 2020. The webinar was coordinated by Dr. Rizwana and Dr. Roshan Lal.

Faculty Achievements

Dr. Rizwana

- Attended webinar on 'Folding Carton Boxes and Paper Packaging for the New Consumer World' organized by India Folding Carton on February 26, 2021.
- Tripathi, A. D., Sharma, R., Agarwal, A.,&**Rizwana** (2021). Nanoemulsions based edible coatings with potential food applications. *International Journal of Biobased Plastics*, 3(1), 112-125.
- Gave an interview to South Korean TV for making a special documentary on the History of the Origin of Rice in India on January 9, 2021.
- Attended a panel discussion on 'Dietary Challenges and Solutions to reduce HFSS and Trans Fat Consumption' organized by Nutrition Society of India, Delhi Chapter on October 31, 2020.
- Delivered an expert lecture talk on 'Surimi' at Amity University, Noida on October 24, 2020.
- Mentored college team of four students for participation in Nutrischolars Awards 2020, Season3 for category Healthier Desserts/Indulgence by DuPont Nutrition and Biosciences in September, 2020.
- Attended a webinar on 'Cyber Security Awareness: III' organized by the Automation and Digitization committee of the college on July 14, 2020.
- Attended a webinar on 'Cyber Security Awareness: II' organized by the Automation and Digitization committee of the college on July 3, 2020.
- Attended a webinar on 'Digital Packaging Creating Brand New Opportunities' organized by Reed Exhibitions India on June 24, 2020.
- Attended a webinar on 'Cyber Security Awareness: I' organized by the Automation and Digitization committee of the college on June 23, 2020.
- Attended a webinar on 'New Product Development' organized by Amity University on June 14, 2020.
- Attended a webinar on 'U.S Food and Drug Administration: Role in Covid-19 Response' held during webinar Series 2020 organized by Department of Microbiology of the college on June 11, 2020.

- Attended the We Think Digital webinar on the topic ‘Cybercrime and Redressal’ on June 10, 2020.
- Attended the fourth FIA-Ai palette webinar on ‘Impact of Covid-19 on Consumption preferences in Asia’ organized by AiPalette, Singapore on June 9, 2020.
- Attended a webinar ‘A Great Debate’ on bringing sustainability and innovation in food packaging post lockdown 4.0 organized by Packplus on May 22, 2020.
- Attended a National webinar on ‘Nutrition and Immunity-Simplified and Applied’ organized by the Department of Food Technology of the college on May 19, 2020.
- Attended online Faculty Development Programme on ‘Understanding Google Classroom’ held organized by the Automation and Digitization committee of the college from May 13-14, 2020.
- Member, Faculty of Science, University of Delhi, under 9(3)(v) Teacher’s category for a term of 3 years w.e.f May 4, 2020.
- Attended a webinar on ‘COVID-19 Crisis: Challenges and Solutions for Food and beverage Industry’ organized by Propack India on April 28, 2020.

Dr. Shalini Sehgal

- Juneja, V. K., Osoria, M., Altuntas, E. G., Salazar, J. K., Kumar, G. D., **Sehgal, S.**, & Baker, D. (2021). Inactivation of *Listeria monocytogenes*, *Escherichia coli* O157:H7, and *Salmonella* spp. on dates by antimicrobial washes. *Journal of Food Processing and Preservation*, 45(3), e15282.
- Bisht, A., Kamble, M. P., Choudhary, P., Chaturvedi, K., Kohli, G., Juneja, V. K., **Sehgal, S.**, & Taneja, N. K. (2021). A surveillance of food borne disease outbreaks in India: 2009-2018. *Food Control*, 121, 107630.
- **Sehgal, S.**, & Sharma, V. (2021). Palm/Palm Kernel (*Elaeis guineensis*). In: Tanwar B., Goyal A. (Eds) *Oilseeds: Health Attributes and Food Applications*. Springer, Singapore.
- **Sehgal, S.**, Khanna, P., & Yadav, R. (2020). Phytochemical constituents of *Hibiscus rosa-sinensis*, *Laurus nobilis* and *Psidium guajava* leaves and their antimicrobial activity. *Indian Journal of Natural Sciences*, 11(63), 28549-28557.
- **Sehgal, S.** (2020). Microbial Safety of Fresh Produce Sold in Delhi Markets and Implementation of Risk Management Approach. In: Thakur, M., & Modi, V. (Eds) *Emerging Technologies in Food Science*. Springer, Singapore.
- Grover, S., Kumari, P., Kumar, A., Soni, A., **Sehgal, S.**, & Sharma, V. (2020). Preparation and Quality Evaluation of Different Oil Blends. *Letters in Applied NanoBioScience*, 10(2), 2126-2137.
- Development of Food Microbiology content for building a cadre of safe food business professionals in the South-Asian Region for NFSI, India on January 1, 2021.

- Participated as a speaker and part of the jury for PhD Research Competition/Oral Competition at ‘4th AMIFOST - Future Food for Sustainability and Nutritional Security’ on December 21, 2020.
- Paper presentation on ‘Optimization of Raw Ingredients for the Development of Functional Milk Beverage’ in International online conference on ‘Science, Technology and Innovation (STI) for Sustainable Food System-2020’ organized by Vignan’s Foundation for Science, Technology and Research, Vadlamudi, Guntur District from December 15-16, 2020.
- Invited speaker on ‘Breaking Glass Ceilings: Women in STEM’ in the USA-India Business Summit for Women held virtually on December 8, 2020.
- Representation of college at NutriScholars Awards 2020 Season 3 held by Dupont as a mentor along with student team of Krishna Kumar Upadhyay and Saloni Gayakwad of B.Sc. (H) Food Technology III year in November, 2020.
- Invited speaker at the 5th edition of NutriThink Conference held from October 6-7, 2020 on Fortified & Functional Food panel on October 6, 2020.
- Participated in one-day National webinar on ‘Promotional Avenues for Teachers in Higher Education: CAS Regulations-2018’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on September 5, 2020.
- Invited speaker during National webinar lecture series on ‘How to Live a Healthy Life Amidst the Pandemic Crisis’ organized by Maulana Azad College, Kolkata on September 4, 2020.
- Attended one-week online Faculty Development Programme on ‘Biosafety, Bioethics and IPR’ organized by the Department of Microbiology, Ram Lal Anand College from August 24-28, 2020.
- Expert speaker on ‘Good Laboratory Practices for Quality and Compliance’ in the National Science Series organized by the college on August 6, 2020.
- Convener, National Science Series-Igniting Young Minds, a four day virtual learning program by the college in collaboration with KET’s Vaze College of Art, Science and Commerce, Mumbai, Maulana Azad College, Kolkata, DAV College for Women, Chandigarh, PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu and Virani Science College, Rajkot, Gujarat held from August 4-7, 2020 .
- Attended one-day National webinar on ‘How to Conduct Online Teaching-Learning in Covid Times?’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD on July 22, 2020.
- Attended online National workshop on Science in Action, Series 1 on ‘How to Read Scientific Literature? Introduction to MANAV- The Human Atlas Initiative’ on July 14, 2020.

- Delivered online lecture on ‘Food Processing and Preservation’ at Centre for Quality and Food Safety, New Delhi on July 2, 2020.
- Successfully completed one-week Faculty Development Programme on ‘Open Source Tools for Research’ from organized by the Teaching Learning Centre of Ramanujan College, New Delhi, under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD from June 8-14, 2020.
- Delivered an online lecture ‘Food Safety in Covid-19’ in the webinar series organized by Department of Microbiology, Swami Shraddhanand College, University of Delhi on May 19, 2020.
- Attended two-week Faculty Development Programme on ‘Managing Online Classes and co-creating MOOCS:2.0’ organized by the Teaching Learning Centre of Ramanujan College, New Delhi under the PMMMNMTT of MHRD from May 18-June 3, 2020.
- Attended one day National webinar on ‘e-Content Development Methodology: Four Quadrant Model, OERs and Copyright Issues’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on May 15, 2020.
- Successfully completed online training on ‘International Food Standards’ by National Alliance for Safe Food on May 14, 2020.
- Participated in online training on ‘Best Practices for Consumer during Covid 19 on Health Protection and Food Safety’ by FSSAI, CHIFSS, and Consumer Voice on May 14, 2020.
- Attended two-day online Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Attended three-day Intercollege online Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Attended two online trainings by WHO under Health Emergencies on ‘Standard Precautions: Hand Hygiene’ and ‘Emerging Respiratory Viruses, including COVID 19, Methods for Detection, Prevention, Response and Control’ on April 28, 2020.

Dr. Eram S. Rao

- **Rao, E.S.**, Rizwana, Lalmuanpuia, C., Aparajita, G., & Prateek, K. (2021). Food Additives and Hypersensitivity: A Review. *International Journal of Current Microbiology and Applied Sciences*, 10(2), 1697-1717.
- Invited speaker by CII for a talk on ‘Role of Nutrition in Stress Management’ for Infosys India on February 18, 2021.

- Invited speaker at the webinar organized by FSSAI on ‘Trans Fats - Science, Regulation and Global Experience’ on ‘Health Impacts of TFA in the Indian Nutrition Context’ on November 18, 2020.
- Wajida.A., & Rao, E. S. (2020). *Allergen Free Cooking*. Variety Book Publishers, New Delhi.
- Reviewed a book on ‘*Do You Eat Right?*’ (2020) by FSSAI, GOI.
- Invited speaker on ‘Innovative Food Processing Technologies to Accelerate the Growth of the Food Processing Sector in India’ at NITTE University, Mangalore on the World Food Day on October 16, 2020.
- Invited speaker for a National workshop cum Faculty Development Programme at Sharda University on ‘Transformation of Food Processing from Lab to Industries’ on ‘Technology Driven Innovative Solutions for Successful Enterprise’ on October 14, 2020.
- Invited speaker at a National webinar on the occasion of Poshan Maah on ‘Food Fortification’ at Sharda University on September 28, 2020.
- Chairperson for the National webinar organized by CII and Quaker on ‘Healthy Breakfast’ for National Nutrition Month on September 24, 2020.
- Invited speaker at a National Symposium on ‘Food Health and Safety’ at Deshbandhu College, University of Delhi on ‘Unintentional Contaminants in Foods’ on September 19, 2020.
- Chairperson for the National webinar on ‘Healthy Breakfast’ for National Nutrition Month organized by CII and Quaker on September 14, 2020.
- Chairperson for the webinar on ‘Importance of Wholesome Breakfast organised as part of National Nutrition Month by Departments of Food and Nutrition and Foods and Nutrition Alumni Association, Maharaja Sayajirao University of Baroda and supported by Eat Right India initiative under FSSAI and Quaker India on September 6, 2020.
- Won the Food System Vision 2050 - Rockefeller Foundation Prize as an Expert Team member in document development on August 1, 2020.
- Invited speaker at a webinar on ‘Technology, Talent, Training – Essential Requisites for Successful Entrepreneurship in Food Business Operations’ organized by Mariental India Pvt. Ltd, New Delhi on the topic ‘Technology, Training and Skill Development’ held on July 22, 2020.
- Invited speaker at a National webinar on ‘Food Products- Innovation and Launching’ Maharaja Sayajirao University of Baroda on ‘Tracking Trends in Food Processing Industry from Product Innovation to Launch’ on June 15, 2020.
- Attended a two-day Inter Collegiate Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization of the college on May 13-14, 2020.

- Attended a webinar on 'Managing Food Safety & Quality in the Time of COVID-19' organized by the Department of Food Technology of the college on May 6, 2020.
- Invited speaker at a National webinar on World Consumer Day on 'Sustainable Diets and Food Wastage' organized by the Ministry of Consumer Affairs on March 18, 2020.
- Invited speaker at a National seminar on 'Reinventing Learning Spaces' organized by SNDT University, Mumbai on 'Innovative Pedagogy in Higher Education' held on March 2, 2020.
- External member Student Research Advisory Committee, Jamia Hamdard University, New Delhi.
- External Member of Departmental Research Committee (DRC) for Ph.D. programme in Amity Institute of Horticulture Studies & Research (AIHSR) for a period of two years i.e. from January 31, 2020-January 30, 2022.
- Member, Editorial Board *Journal of Advanced Research in Food Science and Nutrition* (e ISSN: 2582-3892).
- **Rao, E.S.,&** Khurana, S. (2020). Sensory Evaluation of Organic v/s Conventionally grown Fruits and Vegetables in Delhi. National Conference on 'Food Safety, Nutritional Security and Sustainability' 2020, Shyama Prasad Mukherjee College, University of Delhi.
- Lalmuanpuia, C.,&**Rao, E.S.** (2020). Knowledge, Attitude and Practice Study of Delhi Consumers on Fortified Foods. National Conference on 'Food Safety, Nutritional Security and Sustainability' 2020, Shyama Prasad Mukherjee College, University of Delhi.
- Member, Evaluation Committee for Large States constituted at FSSAI for State Food Safety Index 2019-20.
- **Rao, E.S.,&** Lalmuanpuia,C. (2020). Salt Reduction Strategies in Foods. *Int. J. Chem.Stud.*, 8(6), 2458-2468.

Dr. Meenakshi Garg

- Participated in a two-day online training program on 'Experimental Data Analysis' organized by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi on February 18-19, 2021.
- Presented lead paper on 'Recent Developments in Food Packaging for Enhancing Food Quality and Safety' in the International conference on 'Advances in Agricultural and Food Sciences to Face the Challenges to Environment and Biosecurity' organized by the School of Agricultural Sciences, Sharda University, Greater Noida, India during January 16-20, 2021.
- **Garg, M.**, Meena, P. L., Sadhu, S. D., & Alam, T (2020). *Food Packaging: A Practical Guide*, The Computype Media (Publishing Division), New Delhi.

- **Garg, M.**, Chaturvedi, S., Sadhu, S. D., Barwa, M. S.,& Pani, B. (2020). Practical Handbook of Food Engineering (1sted), Aaryush Education.
- Riaz, G., Naik, S. N., **Garg, M.**, &Chopra, R. (2021). Phytochemical composition of an underutilized plant Sorrel/ Roselle (*Hibiscus Sabdariffa L.*) cultivated in India, *Letters in Applied Nanobiosciences*, 10(2), 2138-2147.
- Attended two-week Faculty Development Programme on ‘Quantitative Methods for Data Analysis’ organized by Teaching Learning Centre, Ramanujan College sponsored by MHRD, Pandit Madan Mohan Malviya National Mission of Teachers and Teaching (PMMMNMTT) from August 12-25, 2020.
- Attended National one-week online Faculty Development Programme on ‘Pedagogical Training for Effective Online Teaching and Learning’ from Deen Dayal Upadhyaya College, University of Delhi in association with K.T.H.M College, Nashik from August 3-10, 2020.
- Sadhu, S. D., **Garg, M.**, & Meena, P. L. (2020). Cellulose Acetate/gelatin/Polyethylene Glycol Blend: Its Preparation, Characterization and Biodegradation. *International Journal of Research and Analytical Reviews*, 7(3), 484-490.
- Participated in the webinar on ‘Packaging of Food – Trends and Prospects’ organized by Lady Irwin College, University of Delhi on July 30, 2020.
- Participated in the webinar on ‘Cyber Security Awareness: IV’ organized by Automation and Digitization committee of the college on July 29, 2020.
- Participated in the webinar on ‘Entrepreneurial Opportunities in Food Processing Sector’ organized by Department of Food Engineering, NIFTEM, Kundli, Sonipat, Haryana on July 15, 2020.
- Participated in the webinar on ‘Cyber Security Awareness: II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Attended two-week Faculty Development Programme on ‘Advanced Concepts for Developing MOOCS’ from Teaching Learning Centre, Ramanujan College sponsored by MHRD, PMMMNMTT from July 2-17, 2020.
- Participated in the webinar on ‘Cyber Security Awareness: I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Attended one-week Faculty Development Programme on ‘Open Source Tool for Research’ from Teaching Learning Centre, Ramanujan College sponsored by MHRD, PMMMNMTT from June 8- 14, 2020.
- Attended two-week Faculty Development Programme on ‘Managing Online Classes and Co-creating MOOCS: 2.0’ from Teaching Learning Centre, Ramanujan College sponsored by MHRD, PMMMNMTT from May 18- June 3, 2020.

- Participated in the Intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college on May 13-14, 2020.
- Coordinated a webinar on ‘3D Printing: Materials and Applications’ organized by the college on May 12, 2020.
- Participated in the webinar on ‘Online Transaction of Courses with Moodle - LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.

Dr. Roshan Lal

- Sehgal, S., Khanna, P., & **Yadav, R.** (2020). Phytochemical constituents of *Hibiscus rosa-sinensis*, *Laurus nobilis* and *Psidium guajava* leaves and their antimicrobial activity. *Indian Journal of Natural Sciences*, 11(63), 28549-28557.
- Completed four credit course on ‘Food Laws and Standard’ conducted on Swayam platform with the collaboration of IGNOU, New Delhi.
- Completed four credit course on ‘Food Microbiology and Food Safety’ conducted on Swayam platform with the collaboration of Central University of Haryana, Mahendergarh, Haryana.
- Delivered expert lecture on ‘Production, Storage, Preservation and Marketing of Fruits & Vegetables’ & ‘Nutrition Counseling Technique & Preparation of Area Specific Educational Aids’ during training of trainers programme conducted by Food & Nutrition Extension Unit, Gulabi Bagh, New Delhi, Food & Nutrition Board, Ministry of Women & Child Development-GoI on September 14, 2020.
- Delivered expert lecture on the topic ‘Production, Storage, Preservation and Marketing of Fruits & Vegetables’ and ‘Nutrition Counseling Technique & Preparation of Area Specific Educational Aids’ during training of trainers programme conducted by Food & Nutrition Extension Unit, Kidwai Nagar, New Delhi, Food & Nutrition Board (Ministry of Women & Child Development-GoI) on September 7, 2020.
- Participated in National seminar on ‘How to Conduct Online Teaching-Learning in COVID Times’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on July 22, 2020.
- Participated in National seminar on ‘e-Content Development Methodology: Four Quadrant Model, OERs and Copyright Issues’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD on May 15, 2020.
- Participated in three-day online Intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college held from May 8-10, 2020.

- Completed Faculty Development Programme on ‘MOOCs and E-learning Technologies (Online Mode Only)’ organized by Faculty Development Center, M. D. University, Rohtak, Haryana from April 10-15, 2020.
- Completed nutrition education programme on ‘Food Fortification’ through e-learning platform of Ministry of Women & Child Development, GoI and ICMR-National Institute of Nutrition under POSHAN Abhiyan.
- Completed nutrition education programme on ‘Basic Nutrition’ through e-learning platform of Ministry of Women & Child Development, GoI and ICMR-National Institute of Nutrition under POSHAN Abhiyan.

Dr. Sakshi Khurana

- **Khurana, S., & Singh, R. (2020).** Sunflower (*Helianthus annus*) seed. In B. Tanwar, &A. Goyal (Eds.), *Oilseeds:Health Attributes and Food Applications* (pp. 123-143). Springer, Singapore.
- Participated in the panel discussion session on ‘Understanding Strategies for Combating Micronutrient Malnutrition’ organized by Department of Food Science and Technology, NIFTEM on June 30, 2020.
- Coordinated National webinar on ‘Career Opportunities in Civil Services’ organized by Career Counselling cell of the college on June 27, 2020.
- Attended a National webinar series on ‘Nutrition and Sports for Fitness’ organized by the Department of Food Technology of the college from May 30-31, 2020.
- Attended a webinar on ‘Nutrition and Immunity- Simplified and Applied’ organized by Department of Food Technology of the college on May 19, 2020.
- Attended two-week Faculty Development Programme on ‘Managing Online Classes and Co-Creating MOOCS:2.0’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi from May 18- June 3, 2020.
- Participated in a webinar on ‘3D Printing: Materials and Applications’ organized by Departments of Polymer Science and Food Technology of the college on May 12, 2020.
- Attended Intercollegiate Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by the college from May 8-10, 2020.
- Eram S. Rao and Sakshi Khurana (2020)Published paper on ‘Sensory Evaluation of Organic v/s Conventionally Grown Fruits and Vegetables’ in the proceedings of National conference on ‘Food Safety, Nutritional Security and Sustainability’ organized by Shyama Prasad Mukherji College, University of Delhi from March 6-7, 2020.
- Chandni Tayal and Sakshi Khurana (2020)Published paper on ‘Aluminium Safety and Toxicity: A Review’ in the proceedings of National conference on ‘Food Safety,

Nutritional Security and Sustainability' organized by Shyama Prasad Mukherji College, University of Delhi from March 6-7, 2020.

- Bhumika Dhoundiyal, Litakshi Popli, Parul Singh Maurya and Sakshi Khurana (2020) Published paper on 'Anemia: A Blood Disorder' in the proceedings of conference on 'Food Safety, Nutritional Security and Sustainability' organized by Shyama Prasad Mukherji College, University of Delhi from March 6-7, 2020.
- Twinkle Kesharwani, Komal and Sakshi Khurana (2020) Published paper on 'Effect of High Sodium Intake on Health and Strategies for its Reduction- A Review' in the proceedings of conference on 'Food Safety, Nutritional security and Sustainability' organized by Shyama Prasad Mukherji College, University of Delhi from March 6-7, 2020.

Dr. C. Lalmuanpuia

- Rao, E.S., Rizwana, **Lalmuanpuia, C.**, Aparajita, G.,& Prateek, K. (2021). Food Additives and Hypersensitivity: A Review. *International Journal of Current Microbiology and Applied Sciences*, 10(02),1697-1717.
- Rao, E. S.,&**Lalmuanpuia, C.** (2020). Salt reduction strategies in foods. *International Journal of Chemical Studies*,8(6), 2458-2468.
- **Lalmuanpuia, C.**,& Rao, E.S. (2020). Knowledge, Attitude and Practice Study of Delhi Consumers on Fortified Foods. *UGC Sponsored National Conference on Food Safety, Nutritional Security and Sustainability*.
- Attended Faculty Development Programme on 'Research Methodology: A Learning Journey from Bivariate Techniques to Multivariate Techniques' organized by Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), Teaching Learning Centre, Ramanujan College held during December 10-23, 2020.
- Coordinated and participated in a webinar on 'Reflections on Entrepreneurship Development and North East India' organized by the North East cell of the college on October 8, 2020.
- Resource person on Awareness Campaign and seminar organized by ZOHANDCO under NSSH Scheme on October 8, 2020.
- Attended Faculty Development Programme on 'ICT Enhanced Teaching Learning and Creating MOOCs' organized by Teaching Learning Centre, Ramanujan College and IQAC, Shivaji College under the PMMMNMTT of Ministry of Human Resource Development from August 18-25, 2020.
- Attended Faculty Development Programme on 'Online Transaction of Courses with Moodle-LMS' organized by Automation and Digitization committee of the college from May 8-10, 2020.

Students' Achievements

- Vaibhav Singh of third year was awarded PFNDI Merit Cum Means Scholarship for the UG students of Food Science and Nutrition for the year 2020.
- Vaibhav Singh of third year was awarded the Italian Technical Services 'Food Safety Medal-2020'.
- Nikhil Mishra of first year won the 'Best Speaker for the Motion' award in debate competition organized by Department of Zoology of the college held on February 16, 2021,
- Krishna Kumar Upadhyay of third year won second position in 'Food-o-Fire: Rapid Fire Competition organized by Shaheed Rajguru College of Applied Sciences for Women, University of Delhi in collaboration with AFST(I) Haldia Chapter held on January 29, 2021 .
- Akshat Kaushik of second year won third position in Sherlock Holmes quiz competition, organized by Department of Psychology, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held on January 28, 2021.
- Akshat Kaushik of second year won second position in treasure hunt competition organized by Department of Psychology, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held on January 28, 2021.
- Gitesh Pal of first year secured first position in SWITCHER-DO, an online writing competition organized by the Literary club of the college held on January 24, 2021.
- Divyanshu Gupta of second year secured third position at Delhi state bench press and dead lift organized by power lifting association of Delhi affiliated to Indian Power lifting association held on January 10, 2021.
- Divyanshu Gupta of second year secured first position in North India bench press and dead lift championship organized by Spartan gym on December 27, 2020.
- Krishna Kumar Upadhyay of third year and Akshat Kaushik of second year won first and second positions, respectively, in online quiz contest on Food and Festivals organized by Department of Food Technology of the college held on November 7, 2020.
- G. Aparajita of third year won first prize for quiz on 'Food Allergies' organized by Department of Food Technology of the college held on November 1, 2020.
- Saamir Akhtar of second year won second prize in poster competition organized by Swami Shraddhanand College, University of Delhi held on October 31, 2020.
- Saamir Akhtar of second year won third prize in slogan competition organized by Swami Shraddhanand College, University of Delhi held on October 31, 2020.
- Saamir Akhtar of second year won first prize in slogan competition organized by Keshav Mahavidyalaya, University of Delhi held on October 28, 2020.

- Saamir Akhtar of second year won first prize in poster competition organized by Bhagini Nivedita College, University of Delhi held from October 27-November 2, 2020.
- Saamir Akhtar of second year won first prize in recipe competition organized by Shyama Prasad Mukherji College, University of Delhi held on October 23, 2020
- Saamir Akhtar of second year won first prize in drawing competition organized by Keshav Mahavidyalaya, University of Delhi held on October 21, 2020.
- Saamir Akhtar of second year won third prize in doodle competition organized by Department of Food Technology of the college held on October 20, 2020.
- Krishna Kumar Upadhyay of third year, AmanYadav of second year, and Saloni Gayakwad of third year won first, second and third prizes, respectively, in ‘Jingle-e-Food’ competition organized by Department of Food Technology of the college held on October 20, 2020.
- Asif Ahmed of second year won second prize while both Saamir Akhtar and Aman Yadav of second year won third prize in recipe competition organized by Confederation of Indian Industry (CII) and Quaker India held on October 16, 2020
- Aman Yadav of second year won first prize in slogan writing competition organized by Confederation of Indian Industry (CII) and Quaker India held on October 16, 2020.
- Utkarsh Singh of third year secured third position in ‘Please Present’ event organized by Department of Food Technology, Annasaheb Dange College of Engineering and Technology, Ashta held from October 6-16, 2020.
- Saamir Akhtar of second year won third prize in Gandhi art competition organized by Shivaji college, University of Delhi held on October 2, 2020.
- Saamir Akhtar of second year won first prize and a cash prize of Rs.1,200 in National recipe competition organized by the Department of Food Technology of the college on September 11-18, 2020.
- Aman Yadav of second year won second prize in slogan writing competition organized by Department of Food and Nutrition and Food Technology, Institute of Home Economics, University of Delhi during Poshan Maah celebrations 2020 in the month of September ,2020.
- Saloni Gayakwad and Utkarsh Singh of third year were ranked best and third best, respectively, in college cadre in the National Food Pyramid project organized jointly by Indian Federation of Culinary Association (IFCA) and TagTaste Foods held in the month of August.
- Saamir Akhtar of second year won third prize in National poster competition organized by the Department of Food Technology of the college held from June 6-11, 2020.

DEPARTMENT OF HUMAN COMMUNICATION

Departmental Activities

- Organized a webinar on ‘The Challenge of Personal and Social Well-being’ by Prof. Girishwar Misra in association with Bhagini Nivedita College, University of Delhi on May 16, 2020.
- Organized a webinar on the topic ‘Revisiting Well-being’ by Prof. N. K. Chadha, Professor and Dean, International Relations, Manav Rachna International University on May 6, 2020.

Faculty Achievements

Dr. Madhulika Bajpai

- Conducted a webinar on ‘Stress Management’ organized by IQAC, Shri Guru Gobind College of Commerce, University of Delhi on February 23, 2021.
- Attended the webinar on ‘Living with Hope: The Role of Hope in Health and Well-being’ organized by the National Positive Psychology Association on November 19, 2020.
- Attended the workshop on ‘Online Licensing and Open Educational Resources’ organized by Automation and Digitization committee of the college on October 28, 2020.
- Participated in ‘The Bharat Panchal Dialogues’ organized by the Department of Mental Health and Behavioural Sciences, Fortis Healthcare Limited in association with G.D. Goenka University held between October 11-December 27, 2020.
- Attended the webinar on ‘Campus Mental Health: Increased Investment and Access’ jointly organized by the Department of Psychology, Mizoram University and Mizoram University Students Council on the occasion of World Mental Health Day held on October 10, 2020.
- Attended the webinar on ‘Emotional Intelligence and Success: A Positive Psychology Paradigm’ organized by National Positive Psychology Association held on September 28, 2020.
- Completed a two-week Faculty Development Programme on ‘Enhancing Psychological Skills for Teaching and Practice’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi held from September 15-29, 2020.
- Participated in the one-day National webinar on ‘Revised Assessment and Accreditation (A&A) Framework of NAAC: IIQA, DVV and SSS’ jointly organized by IQACs of Paschim Guwahati Mahavidyalaya, Dharpur Guwahati and Mahatma Phule Mahavidyalaya, Kingaon held on July 30, 2020.
- Participated in a two-day online Arup Ghoshal Memorial Seminar on ‘Exploring the Mind of the Child’ organized by Eastern Zonal Psychological Association 2003 held on July 19 and July 26, 2020.

- Participated in a live webinar on 'COVID 19: 5 Best Assignments to Boost Students' Morale' organized by RUBIN held on July 22, 2020.
- Participated in an International webinar on 'Positive Cognitive Behavioural Therapy' organized by the University of Mizoram held on July 6, 2020.
- Participated in a talk on 'Immunity-Boosting Foods in COVID 19' during webinar series 2020: 'Let's Talk About Food' jointly organized by the Department of Food Technology of the college and AFST(I) Delhi Chapter held on July 1, 2020.
- Participated in the Wiley Author webinar series on 'Learn to Publish' organized by Wiley Publishers held between June-July 2020.
- Participated in the one-day International webinar on 'Importance of Education and Endurance to Combat Stress' organized by Advanced Educational Institutions held on June 26, 2020.
- Attended the National webinar on 'Counselling: A Bhagavad Gita Perspective' organized by the Department of Psychology, Central University of Haryana held on June 24, 2020.
- Attended an International webinar on 'Artificial intelligence: Societal Implications of Thinking Machines' organized by Vivekanand Vichar Manch and Literary committee of the college held on June 22, 2020.
- Attended the National webinar on 'Yoga: Detoxing Mind Body and Soul' organized by Yoga club of the college on 6th International Day of Yoga held on June 21, 2020.
- Invited speaker for an e-lecture on 'Stress Management' organized by Bihar Animal Sciences University, Patna held on June 20, 2020.
- Invited speaker for an interactive webinar on 'Mental Health' organized by Laxmibai College, University of Delhi held on June 19, 2020.
- Participated in the webinar on 'Future of Education post-COVID' organized by McGraw Hill Publishers held on June 18, 2020.
- Participated in an International webinar on 'Real life Experiences of Cities around the World: Impacting Health, Economies, Education and Social Dislocation' organized by School of Education, Noida International University, Greater Noida held on June 16, 2020.
- Participated in a one-day National webinar on 'Documentation for Data Verification & Validation (DVV) and Peer Team Visit (PTV) NAAC' organized by IQAC, Mahatma Phule Mahavidyalaya, Kingaon held on June 15, 2020.
- Completed a program on 'Development and Standardization of Psychological Assessment' organized by the International Career Coaching Association held on June 13, June 14, June 22, June 23 and June 26, 2020.
- Attended the webinar on 'Cyber Crime and Redressal' organized by WeThink Digital on June 10, 2020.

- Participated in the National webinar on ‘Being Healthy’ organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi held on June 9, 2020.
- Participated in an International webinar on ‘Rethinking and Reinventing Educational Technologies: Present, Post Covid19’ organized by School of Education, Noida International University, Greater Noida held on June 5, 2020.
- Completed a program on ‘Expressive Arts Therapy’ organized by International Career Coaching Association held from June 1-3, 2020.
- Attended the webinar on ‘UN75: The Multilateralism We Want: Psychological Contributions to Building Bridges Among and within Nations’ organized by Psychology Coalition of NGOs accredited at the United Nations on May 27, 2020.
- Completed a program on ‘Cognitive Behaviour Therapy’ organized by International Career Coaching Association held on May 25, May 28 and May 29, 2020.
- Participated in a webinar on ‘Helping People Matter: Strategies for Improving Well-being in the COVID-19 Era’ organized by Department of Psychology, Gargi College, University of Delhi held on May 20, 2020.
- Attended the National webinar on ‘Nutrition and Immunity Simplified and Applied’ organized by the Department of Food Technology of the college held on May 19, 2020.
- Participated in a two-day International webinar on ‘Prevalent Crisis Triggered by the COVID-19 Pandemic and its Appraisal’ jointly organized by the Departments of Chemistry and Biomedical Science of the college held on May 18-19, 2020.
- Participated in a webinar on ‘Being Connected in the Times of COVID-19’ organized by Department of Psychology, Gargi College, University of Delhi held on May 18, 2020.
- Participated in a live webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by Department of Botany of the college held on May 16, 2020.
- Participated in a webinar on ‘Coping Strategies for Dealing with Anxiety and Uncertainty during the Pandemic’ organized by Department of Psychology, Gargi College, University of Delhi held on May 15, 2020.
- Participated in a National webinar on ‘Nahi means NO: Empower Yourself with a NO’ jointly organized by Research Cell and Community Engagement and Outreach Cell of Bhagini Nivedita College, University of Delhi held on May 15, 2020.
- Invited speaker for a webinar on ‘Spring into Wellbeing! Anxiety and Stress Management for Students’ organized by Laxmibai College, University of Delhi held on May 14, 2020.
- Participated in a webinar on ‘Constructive Living and Education in the Times of Corona Crisis’ organized by Shivaji College, University of Delhi held on May 13, 2020.

- Completed a three-day Faculty Development Programme on ‘Online Transaction of Courses with Moodle LMS’ organized by the Automation and Digitization committee of the college held from May 8-10, 2020.
- Invited speaker for a webinar on ‘Lifestyle Interventions in Managing Stress: Prevention is Better than Cure’ organized by Amity University, Noida held on May 6, 2020.
- Participated in a webinar on ‘How to Stay Happy in Uncertainty’ organized by Atma Ram Sanatan Dharam College, University of Delhi held on April 22, 2020.
- Invited as a resource person for the following YouTube videos for different topics related to psychology concerns during the pandemic conditions - Stress Management during the Pandemic, Homemakers Concerns during the Pandemic, Students Concerns during the Pandemic and Senior Citizens Concerns during the Pandemic on May 10, April 8, April 4, and April 3, 2020, respectively.

DEPARTMENT OF INSTRUMENTATION

Departmental Activities

- Organized two-day online workshop on ‘Micro Services: The New Age of Application Development and Deployment’ in collaboration with TechieNest by Mr. Ashutosh Singh, Tech Consultant, TechieNest on February 20-21, 2021. The workshop was convened by Dr. Avneesh Mittal and coordinated by Dr. Anil Kumar, Mr. Rakesh and Mr. Manoj Kumar.
- Organized an online alumni interaction session on ‘Opportunities for Research in Physical Sciences’ in association with Alumni committee, Department of Electronics and Department of Physics of the college on February 19, 2021. Dr. Vandana Batra, Dr. Inderbir Kaur, Dr. Avneesh Mittal and Dr. Anand Bharadvaja were the conveners and Ms. Shweta Dua and Dr. Harendra were the coordinators of the event.
- Organized virtual visit to Yakult Danone India Pvt. Ltd. in association with Department of Electronics of the college on February 8, 2021. The visit was convened by Dr. Avneesh Mittal along with Dr. Inderbir Kaur and coordinated by Mr. Pawan Kumar and Ms. Shweta Dua.
- Organized an online lecture on ‘Introduction to VLSI’ by Mr. Manish Kumar, VLSI Layout Designer at STMicroelectronics Pvt. Ltd. on November 7, 2020. The event was convened by Dr. Avneesh Mittal and coordinated by Mr. Manoj Kumar and Dr. Anil Kumar.
- Organized an online lecture and demonstration on ‘Industrial Automation Scope: PLC & SCADA’ by Mr. Rajeev Kumar, Sr. Automation Engineer at AEAB .Ltd on October 12, 2020. The event was convened by Dr. Avneesh Mittal and coordinated by Mr. Rakesh and Dr. Anil Kumar.

- Organized virtual training on ‘Embedded System’ by TECKAT Services Pvt. Ltd., Jamshedpur on August 9, 2020. The training was convened by Dr. Avneesh Mittal and coordinated by Ms. Shweta Dua.
- Organized an International webinar on ‘A Short History of Solar Physics’ by Prof. Carsten Denkar, Head Solar Physics, Solar Observatory Einstein Tower, Germany in collaboration with Department of Physics of the college on July 30, 2020. Dr. Avneesh Mittal and Dr. Vandana Batra were the conveners of the webinar and Dr. Partha S. Pal and Mr. Kavinder Kumar were the coordinators.
- Organized a webinar on ‘Role of Solar Photovoltaics in Post COVID-19’ by Dr. Vikram Aditya Dave, Associate Professor, Department of Electrical Engineering, Maharana Pratap University of Agriculture and Technology, Udaipur on July 17, 2020. The webinar was convened by Dr. Avneesh Mittal and coordinated by Ms. Gurkiran Kaur.
- Organized an International webinar on ‘Shaping the Career for 5G Technologies’ by Dr. Tushar Sharma, Post-Doctoral Research Associate, Department of Electrical Engineering, Princeton University on July 15, 2020. Dr. Avneesh Mittal was the convener of the webinar.
- Organized a webinar on ‘Learning in Lockdown 4.0’ (three days learning sessions): Positive Thinker by Mr. Ayush Gupta, Software Engineer, Google in collaboration with NSS of the college between June 4-12, 2020. The webinar was convened by Dr. Avneesh Mittal and coordinated by Mr. Pawan Kumar.
- Organized an Inter college online technical quiz ‘Quarantine 2020’ on May 19, 2020. The quiz was convened by Dr. Avneesh Mittal and coordinated by Dr. Anil Kumar and Dr. Amandeep Kaur.
- Organized a webinar on ‘Learning in Lockdown 3.0’ (five days learning sessions): Stay High Forever by knowing the Self by Mr. Ayush Gupta, Software Engineer, Google in collaboration with NSS between May 15-31, 2020. The webinar was convened by Dr. Avneesh Mittal and coordinated by Mr. Pawan Kumar.
- Organized a webinar on ‘Learning in Lockdown 2.0’ (three days learning sessions) by Mr. Ayush Gupta, Software Engineer, Google in collaboration with NSS of the college between May 4-10, 2020. The webinar was convened by Dr. Avneesh Mittal and coordinated by Mr. Pawan Kumar.
- Organized a webinar on ‘Learning in Lockdown 1.0’ (three days learning sessions) by Mr. Ayush Gupta, Software Engineer, Google between April 19-25, 2020. The webinar was convened by Dr. Avneesh Mittal and coordinated by Mr. Pawan Kumar.

Faculty Achievements

Ms. Gurkiran Kaur

- Participated in the webinar on ‘Cyber Security Awareness-V’ organized by Automation and Digitization committee of the college on August 29, 2020.

- Participated in the webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Completed virtual training on ‘Embedded System’ organized by Department of Instrumentation of the college in association with TECKAT services Pvt Ltd on August 9, 2020.
- Participated in the webinar on ‘Improving Nutrition through Food Fortification’ in webinar series 2020 on ‘Let’s Talk about Food’ organized by the Department of Food Technology of the college in association with Association of Food Scientists & Technologist (I) Delhi Chapter on July 6, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Participated in the webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.
- Participated in the webinar on ‘Yoga: Detoxing Mind, Body and Soul’ organized by Yoga club of the college on June 21, 2020.
- Participated in the webinar on ‘Cybercrime and Redressal’ organized by We think Digital on June 10, 2020.
- Participated in the National webinar on ‘Ecological Revival during Pandemic’ organized by Department of Chemistry of the college on May 21, 2020.
- Participated in three-day online intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in the Faculty Development Programme on ‘Challenges and Opportunities in Higher Education in India for the 21st Century’ jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi and Hindu college, University of Delhi held on May 8, 2020.
- Participated in the webinar (three days learning sessions) on ‘Learning in Lockdown 2.0’ organized by Department of Instrumentation in collaboration with NSS of the college between May 4-10, 2020.
- Participated in the webinar (three days learning sessions) on ‘Learning in Lockdown 1.0’ organized by Department of Instrumentation in collaboration with NSS of the college between April 19-25, 2020.
- Attended one-week Faculty Development Programme on ‘Machine Learning and Pedagogy’ organized by Deen Dayal Upadhyaya College in collaboration with Guru

Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi held between March 12- May 18, 2020.

Ms. Shweta Dua

- Participated in two-day online workshop on ‘Micro Services: The New Age of Application Development and Deployment’ organized by Department of Instrumentation of the college in collaboration with TechieNest held on February 20-21, 2021.
- Participated in the webinar on ‘Introduction to VLSI’ organized by the Department of Instrumentation of the college held on November 7, 2020.
- Participated in the online lecture and demonstration on ‘Industrial Automation Scope: PLC & SCADA’ organized by Department of Instrumentation of the college on October 12, 2020.
- Participated in an International webinar on ‘A Short History of Solar Physics’ organized by the Departments of Instrumentation and Physics of the college on July 30, 2020.
- Participated in the webinar on ‘Role of Solar Photovoltaics in Post Covid -19’ organized by Department of Instrumentation of the college on July 17, 2020.
- Participated in an International webinar on ‘Shaping the Career for 5G Technologies’ organized by Department of Instrumentation of the college on July 15, 2020.
- Participated in the National webinar on ‘Yoga: Detoxing Mind, Body & Soul’ organized by Yoga club of the college on June 21, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lockdown 4.0’ organized by Department of Instrumentation and NSS of the college between June 4-12, 2020.
- Participated in the National webinar on ‘रोग में योग’ organized by Yoga club of the college on May 16, 2020.
- Participated in the webinar (five days online learning sessions) on ‘Learning in Lockdown 3.0’ organized by Department of Instrumentation and NSS of the college between May 14-31, 2020.
- Participated in two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in three-day online intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lockdown 2.0’ organized by Department of Instrumentation and NSS of the college between May 4-10, 2020.

- Participated in three-day National level Faculty Development Programme on ‘Online College Management and Online Content Creation Tools’ organized by Lala Lajpat Rai College of Commerce and Economics and University of Mumbai with North Storm Academy from April 30- May 2, 2020.
- Participated in the webinar on ‘Effective use of ICT Tools in Online Teaching & Learning’ organized by Shyama Prasad Mukherji College for Women, University of Delhi on April 28, 2020.
- Kumar, P., Bhatt, G., Kaur, R., **Dua, S.**, & Kapoor, A., (2020). Synthesis and modulation of the optical properties of carbon quantum dots using microwave radiation, *Fullerenes, Nanotubes and Carbon Nanostructures*, 28(9), 724-731.
- Participated in the National webinar on ‘Preventing Plagiarism: Producing Quality Research’ organized by Janki Devi Memorial College, University of Delhi on April 25, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lockdown 1.0’ organized by Department of Instrumentation of the college between April 19-25, 2020.
- Participated in the webinar on ‘महात्मा गांधी की जीवनी-शक्ति और वर्तमान चुनौतियां’ organized by the college and Sri Aurobindo College (Evening), University of Delhi on April 25, 2020.
- Participated in the webinar on ‘Plastic Pollution: Say No to Single Use Plastic’ organized by Sri Aurobindo College (Evening), University of Delhi on April 24, 2020.
- Participated in the webinar on ‘Referencing and Citation’ organized by Sri Aurobindo College (Evening) and Ram Lal Anand College, University of Delhi on April 20, 2020.
- Participated in the Faculty Development Programme on ‘Development of Higher Education in India: An Overview’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi on April 16, 2020.

Dr. Anil Kumar

- Participated in the webinar on ‘Semiconductor Lasers in Defence Application’ organized by the Department of Physics of the college on February 17, 2021.
- Participated in the webinar on ‘Carbon Nanotubes based Gas Sensors’ organized by the Department of Electronics of the college on February 13, 2021.
- Kumar, M., **Kumar, A.**, Saini, R., Khanna, M. K., Bhatt, G., & Kapoor, A. (2020). Effect of high index buffer layer in PbSe clad waveguide to design a visible range polarizer. *Optik*, 228, 166001.
- Participated in an online workshop on ‘Online Licensing and Open Educational Resources’ organized by the Automation and Digitization committee of the college on October 28, 2020.

- Participated in the webinar on 'From an Idea to a Startup' organized by Department of Electronics of the college on September 25, 2020.
- Attended a webinar on 'Know the Plagiarism and its Consequences: A Live Demonstration of Deduct, Avoid and Enhance Quality of Research Using Urkund' organized by Library and IQAC, Sri Venkateswara College, University of Delhi and eGalactic, Pune on September 5, 2020.
- Participated in the webinar on 'Cyber Security Awareness-V' organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in the webinar on 'National Education Policy 2020: Futuristic Policy for New India' organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Participated in a webinar on 'Transforming and Repackaging Library Services during COVID19 Pandemic' organized by Springer Nature in association with Delhi University College librarian's forum on August 14, 2020.
- Completed online virtual training on 'Embedded System' organized by Department of Instrumentation of the college in association with TECKAT services Pvt. Ltd. on August 9, 2020.
- Participated in an International webinar on 'A Short History of Solar Physics' organized by the Department of Instrumentation in collaboration with Department of Physics of the college on July 30, 2020.
- Participated in the webinar on 'Cyber Security Awareness-IV' organized by Automation and Digitization committee of the college on July 29, 2020.
- Participated in the webinar on 'Role of Solar Photovoltaics in Post Covid -19' organized by Department of Instrumentation of the college on July 17, 2020.
- Participated in an International webinar on 'Shaping the Career for 5G Technologies' organized by Department of Instrumentation of the college on July 15, 2020.
- Participated in the webinar on 'Cyber Security Awareness-III' organized by Automation and Digitization committee of the college held on July 14, 2020.
- Participated in an online lecture series on 'Wave Optics-II Polarization' organized by Indian Association of Physics Teachers and Delhi State Science Teachers forum on July 11, 2020.
- Participated in the webinar on 'Cyber Security Awareness-II' organized by Automation and Digitization committee of the college on July 3, 2020.
- Participated in the webinar on 'Cyber Security Awareness-I' organized by Automation and Digitization committee of the college on June 23, 2020.
- Participated in the webinar on 'Artificial Intelligence: Societal Implications of Thinking Machines' organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.

- Participated in the webinar on ‘Yoga: Detoxing Mind, Body & Soul’ organized by Yoga club of the college on June 21, 2020.
- Participated in a webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Participated in International webinar series on ‘Technological Trends for the Next Generation’ organized by Department of Electronics of the college held during June 1-5, 2020.
- Participated in a webinar on ‘How Huge is Nano?’ organized by Department of Physics of the college on May 29, 2020.
- Participated in webinar on ‘Optical Sources and their Applications’ organized by Department of Physics of the college on May 28, 2020.
- Participated in the ‘Virtual Symposium on Emerging Areas of Photonics’ organized by The National Academy of Sciences India (NASI)-Delhi Chapter and The Optical Society of India, held on May 16, 2020.
- Participated in two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in the webinar on ‘3D Printing: Materials and Applications’ organized by the college on May 12, 2020.
- Participated in three-day online intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in the webinar on ‘Revisiting Well-Being’ organized by Department of Human Communication of the college on May 6, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lockdown 2.0’ organized by Department of Instrumentation in collaboration with NSS of the college held between May 4-10, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lockdown 1.0’ organized by Department of Instrumentation of the college held between April 19- 25, 2020
- Participated in Faculty Development Programme on ‘ICT Enabled Higher Education in India: Challenges and Opportunities’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi on April 17, 2020

Mr. Pawan Kumar

- Participated in two-day online workshop on ‘Micro Services: The New Age of Application Development and Deployment’ organized by Department of Instrumentation of the college in collaboration with TechieNest held on February 20-21, 2021

- Participated in the webinar on ‘Introduction to VLSI’ organized by the Department of Instrumentation of the college on November 7, 2020.
- Participated in the online lecture and demonstration on ‘Industrial Automation Scope: PLC & SCADA’ organized by Department of Instrumentation of the college on October 12, 2020.
- Completed online virtual training on ‘Embedded System’ organized by Department of Instrumentation of the college in association with TECKAT services Pvt Ltd on August 9, 2020.
- Participated in the webinar on ‘Role of Solar Photovoltaics in Post Covid -19’ organized by Department of Instrumentation of the college on July 17, 2020
- Participated in an International webinar on ‘Shaping the Career for 5G Technologies’ organized by Department of Instrumentation of the college on July 15, 2020.
- Participated in an International webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary Committee of the college on June 22, 2020
- Coordinated and participated in the National webinar on ‘Yoga: Detoxing Mind, Body & Soul’ organized by Yoga club of the college on June 21, 2020
- Participated in the webinar on ‘Ecological Revival during Pandemic’ organized by Department of Chemistry of the college on May 21, 2020
- Participated in the National webinar on ‘रोगमेंयोग’ organized by Yoga club of the college on May 16, 2020
- Participated in two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020
- Participated in three-day online intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020
- Participated in three-day National level Faculty Development Programme on ‘Online College Management and Online Content Creation Tools’ organized by Lala Lajpat Rai College of Commerce and Economics and University of Mumbai with North Storm Academy from April 30-May 2, 2020
- **Kumar, P., Bhatt, G., Kaur, R., Dua, S., & Kapoor, A., (2020).** Synthesis and modulation of the optical properties of carbon quantum dots using microwave radiation, *Fullerenes, Nanotubes and Carbon Nanostructures*, 28(9),724-731.
- Participated in the webinar on ‘महात्मागांधीकीजीवनीशक्ति और वर्तमान चुनौतियां’ organized by the college and Sri Aurobindo College (Evening), University of Delhi on April 25, 2020.

- Participated in the webinar on ‘Plastic Pollution: Say No to Single use Plastic’ organized by Sri Aurobindo College (Evening), University of Delhi on April 24, 2020.
- Participated in the webinar on ‘Referencing and Citation’ organized by Sri Aurobindo College (Evening) and Ram Lal Anand College, University of Delhi on April 20, 2020.
- Participated in the Faculty Development Programme ‘ICT enabled Higher Education in India: Challenges and Opportunities’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi held on April 15, 2020.

Mr. Rakesh

- Participated in the virtual visit to Yakult Danone India Pvt. Ltd organized by Department of Instrumentation of the college on February 8, 2021.
- Kumar, M., Kumar, A., **Saini, R.**, Khanna, M. K., Bhatt, G., & Kapoor, A., (2021). Effect of high index buffer layer in PbSe clad waveguide to design a visible range polarizer. *Optik*, 228, 166001.
- Participated in the webinar on ‘Introduction to VLSI’ organized by the Department of Instrumentation of the college on November 7, 2020.
- Participated in the webinar ‘From an Idea to a Startup’ organized by Department of Electronics of the college on September 25, 2020
- Participated in the webinar on ‘Cyber Security Awareness-V’ organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in the webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Completed online virtual training on ‘Embedded System’ organized by Department of Instrumentation of the college in association with TECKAT services Pvt Ltd on August 9, 2020.
- Participated in the webinar on ‘Digital Marketing’ organized by the Career Counselling cell of the college on July 30, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-IV’ organized by Automation and Digitization committee of the college on July 29, 2020.
- Participated in the webinar on ‘Role of Solar Photovoltaics in Post Covid-19’ organized by Department of Instrumentation of the college on July 17, 2020.
- Participated in an International webinar on ‘Shaping the Career for 5G Technologies’ organized by Department of Instrumentation of the college on July 15, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-III’ organized by Automation and Digitization committee of the college on July 14, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-II’ organized by Automation and Digitization committee of the college on July 3, 2020.

- Participated in the webinar on ‘Cyber Security Awareness-I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Participated in the webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary Committee of the college on June 22, 2020.
- Participated in the webinar on ‘Yoga: Detoxing Mind, Body & Soul’ organized by Yoga club of the college on June 21, 2020.
- Participated in webinar series on ‘Technological Trends for the Next Generation’ organized by Department of Electronics of the college held during June 1-5, 2020
- Participated in two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in the webinar on ‘3D Printing: Materials and Applications’ organized by the college on May 12, 2020.
- Participated in three-day online intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lock down 2.0’ organized by Department of Instrumentation and NSS of the college between May 4-10, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lock down 1.0’ organized by Department of Instrumentation of the college between April 19-25, 2020.
- Participated in Faculty Development Programme: ‘ICT Enabled Higher Education in India: Challenges and Opportunities’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi held on April 17, 2020.

Mr. Manoj Kumar

- Participated in virtual visit to Yakult Danone India Pvt. Ltd organized by Department of Instrumentation of the college on February 8, 2021.
- **Kumar, M.**, Kumar, A., Saini, R., Khanna, M. K., Bhatt, G.,& Kapoor, A. (2021). Effect of high index buffer layer in PbSe clad waveguide to design a visible range polarizer. *Optik*, 228, 166001.
- Participated in the online lecture on ‘Growth and Opportunity in IPR’ organized by Training and Placement cell of the college on November 6, 2020.
- Participated in an online workshop on ‘Online Licensing and Open Educational Resources’ organized by the Automation and Digitization committee of the college on October 28, 2020.

- Participated in the online lecture and demonstration on ‘Industrial Automation Scope: PLC & SCADA’ organized by Department of Instrumentation of the college on October 12, 2020.
- Co-coordinated and participated in the National webinar on ‘Entrepreneurship’ organized by the Career Counselling cell of the college on September 20, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-V’ organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in the National webinar on ‘Career Opportunities in Indian Air Force’ organized by the Career Counselling cell of the college on August 27, 2020.
- Participated in the webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Completed online virtual training on ‘Embedded System’ organized by Department of Instrumentation of the college in association with TECKAT Services Pvt Ltd on August 9, 2020.
- Participated in the National on ‘Digital Marketing’ organized by the Career Counselling cell of the college on July 30, 2020.
- Participated in an International webinar on ‘A Short History of Solar Physics’ organized by Department of Instrumentation in collaboration with Department of Physics of the college on July 30, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-IV’ organized by Automation and Digitization committee of the college on July 29, 2020.
- Participated in the webinar on ‘Role of Solar Photovoltaics in Post Covid -19’ organized by Department of Instrumentation of the college on July 17, 2020.
- Participated in an International webinar on ‘Shaping the Career for 5G Technologies’ organized by Department of Instrumentation of the college on July 15, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-III’ organized by Automation and Digitization committee of the college on July 14, 2020.
- Participated in an online lecture series on ‘Wave Optics-II Polarization’ organized by Indian Association of Physics Teachers and Delhi State Science Teachers forum on July 11, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Participated in webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary Committee of the college on June 22, 2020.

- Participated in the webinar on ‘Yoga: Detoxing Mind, Body & Soul’ organized by Yoga club of the college on June 21, 2020.
- Participated in the webinar series on ‘Technological Trends for the Next Generation’ organized by Department of Electronics of the college held during June 1-5, 2020.
- Participated in the webinar on ‘Optical Sources and their Applications’ organized by Department of Physics of the college on May 28, 2020.
- Participated in two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in the webinar on ‘3D Printing: Materials and Applications’ organized by the college on May 12, 2020.
- Participated in three-day online intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lock down 2.0’ organized by Department of Instrumentation and NSS of the college between May 4-10, 2020.
- Participated in the webinar (three days online learning sessions) on ‘Learning in Lock down 1.0’ organized by Department of Instrumentation of the college between April 19-25, 2020.

Dr. Amandeep Kaur

- Participated in two-day online workshop on ‘Micro Services: The New Age of Application Development and Deployment’ organized by Department of Instrumentation of the college in collaboration with TechieNest on February 20-21, 2021.
- Participated in the online lecture and demonstration on ‘Industrial Automation Scope: PLC & SCADA’ organized by Department of Instrumentation of the college on October 12, 2020.
- Completed NPTEL AICTE Faculty Development Programme online certification on ‘Introduction to Embedded System Design’ during September-December, 2020.
- Participated in the webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020
- Participated in an online program on ‘Model Based Embedded Development with Microcontroller’ organized by NIELIT Calicut during August 17-21, 2020.
- Participated in an online program on ‘Lab VIEW for Industrial Applications’ organized by NIELIT, Calicut during August 12-14, 2020.

- Completed online virtual training on ‘Embedded System’ organized by Department of Instrumentation of the college in association with TECKAT Services Pvt. Ltd on August 9, 2020.
- Participated in the webinar on ‘Role of Solar Photovoltaics in Post Covid -19’ organized by Department of Instrumentation of the college on July 17, 2020.
- Participated in an International webinar on ‘Shaping the Career for 5G Technologies’ organized by Department of Instrumentation of the college on July 15, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-III’ organized by Automation and Digitization committee of the college on July 14, 2020.
- Participated in the webinar on ‘Cyber Security Awareness-I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Completed online course on ‘Introduction to Process Control and Instrumentation’ from WR Training and Udemy on June 23, 2020.
- Participated in the webinar on ‘Cybercrime and Redressal’ organized by We think digital on June 10, 2020.
- Participated in International webinar series ‘Technological Trends for Next Generation’ organized by Department of Electronics of the college from June 1-5, 2020.
- Participated in the webinar on ‘Obesity Management’ organized by Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences on May 29, 2020.
- Participated in the webinar on ‘रोगमेंयोग’ organized by Yoga club of the college on May 16, 2020.
- Participated in two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in three-day online intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in the webinar on ‘Managing Food Safety & Quality in the Time of Covid-19’ organized by Department of Food Technology of the college on May 6, 2020.
- Completed online course on ‘Control Systems Made Simple’ from Udemy on April 10, 2020.

DEPARTMENT OF MATHEMATICS

Faculty Achievements

Dr. Ragini Jindal

- Participated in the one-day webinar on ‘Introduction to Wolfram Mathematica’ organized by Department of Mathematics and IQAC of Deshbandhu College, University of Delhi on September 7, 2020.
- Participated in five-day National webinar on ‘Financial Mathematics: Pedagogy and Career Perspectives’ organized by the Department of Mathematics, Lady Shri Ram College for Women, University of Delhi from July 27-31, 2020.
- Participated in International webinar on ‘Shaping the Career for 5G Technologies’ organized by Department of Instrumentation of the college on July 15, 2020.
- Participated in International webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary Committee of the college on June 22, 2020.
- Participated in National webinar on ‘Yoga: Detoxing Mind, Body and Soul’ organized by Yoga club of the college on June 21, 2020.
- Participated in National Faculty Development Programme on ‘Fundamentals of Machine Learning’ conducted by ICT Academy from June 12-18, 2020.
- Participated in webinar on ‘Cyber Crime and Redressal’ organized by WeThink Digital held on June 10, 2020.
- Attended the National webinar on ‘Nutrition and Immunity-Simplified and Applied’ organized by Department of Food Technology of the college on May 19, 2020.
- Participated in webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by Department of Botany of the college on May 16, 2020.
- Participated in National webinar on ‘Economic Crisis and its Redressal during Pandemic’ organized by Department of Chemistry of the college on May 15, 2020.
- Participated in a three-day online Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in webinar on the theme ‘Revisiting Well-Being’ organized by Department of Human Communication of the college on May 6, 2020.

Dr. Neeru Sharma

- Attended an online workshop on ‘Online Licensing and Open Educational Resources’ organized by the Automation and Digitization committee of the college on October 28, 2020.

- Participated in webinar ‘Cyber Security Awareness: V’ organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in webinar ‘Cyber Security Awareness: III’ organized by the Automation and Digitization committee of the college on July 14, 2020.
- Participated in webinar ‘Cyber Security Awareness: II’ organized by the Automation and Digitization committee of the college on July 3, 2020.
- Completed three-week online certificate course on ‘Introduction to Computer Algebra System: Maxima (An Open Source Software)’ organized by Hansraj College, University of Delhi from June 27-July 18, 2020.
- Participated in International webinar ‘Epidemiology, Diagnostics and Therapeutic Approach to Combat COVID-19’ organized by Eco club of the college on June 26, 2020.
- Participated in webinar ‘Cyber Security Awareness: I’ organized by the Automation and Digitization committee of the college on June 23, 2020.
- Participated in a talk on ‘Understanding Lab Diagnosis of SARS Cov2 Infection’ under webinar series 2020 on the theme ‘COVID 19 Pandemic: The Road Map to Recovery’ organized by the Department of Microbiology of the college on May 21, 2020.
- Attended National webinar on ‘Nutrition and Immunity: Simplified and Applied’ organized by the Department of Food Technology of the college on May 19, 2020.
- Attended Faculty Development Programme on ‘Online Transactions of Courses with Moodle -LMS’ organized by the Automation and Digitization committee of the college from May 8- 10, 2020.

DEPARTMENT OF MICROBIOLOGY

Departmental Activities

- Organized ‘Campus Darshan’ for the first-year students to visit the college on February 22, 2021.
- Organized online Orientation Day to welcome the first-year students on November 17, 2020.
- Organized webinar on ‘Initiatives of BIRAC and National Biopharma Mission in the Biopharma Sector and in Current Covid 19 Pandemic’ by Dr. Madhvi Rao, Senior Programme Manager, National Biopharma Mission, BIRAC under webinar series 2020 ‘COVID 19 Pandemic: The Road Map to Recovery’ on July 25, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand and Dr. Ratyakshi.
- Organized webinar on ‘Molecular Strategies to Combat Covid 19 Virus’ by Dr. Shailly Tomar, Associate Professor, IIT Roorkee, under webinar series 2020, ‘COVID 19 Pandemic: The Road Map to Recovery’ on July 15, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand and Dr. Ratyakshi.

- Organized webinar on 'COVID-19: Accosting the pandemic using CRISPR scissors' (group presentation) by Dr. Debojyoti Chakraborty (Senior Scientist); Mr. Manoj Kumar (Research Scholar), and Ms. Rhythm Phutela (Research Scholar) from CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB), Mathura Road, New Delhi under webinar series 2020, 'COVID 19 Pandemic: The Road Map to Recovery' on July 13, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand and Dr. Ratyakshi.
- Organized webinar on 'Covid-19 as a Catalyst for Digital Transformation' by Dr. Anurag Agrawal, Director, CSIR- Institute of Genomics and Integrative Biology (CSIR-IGIB), Delhi, under webinar series 2020, 'COVID 19 Pandemic: The Road Map to Recovery' on July 11, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand and Dr. Neeru Bhagat.
- Organized webinar on 'Proteomics Technologies and its Application for Covid-19 Research' by Prof. Sanjeeva Srivastava, Indian Institute of Technology (IIT), Bombay under webinar series 2020 'COVID 19 Pandemic: The Road Map to Recovery' on July 10, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand and Dr. Neeru Bhagat.
- Organized webinar on 'Natural Molecules against SARS-CoV-2: A Molecular Modelling Study' by Mr. Vipul Kumar, Research Scholar, DAILAB (DBT-AIST International Laboratory for Advanced Biomedicine), Department of Biochemical Engineering and Biotechnology, Indian Institute of Technology, Delhi, under webinar series 2020 'COVID 19 Pandemic: The Road Map to Recovery' on July 7, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand and Dr. Neeru Bhagat.
- Organized webinar on 'Biosafety and Biosecurity' by Dr. Saurabh Saran, Head Technology Business Incubator, Senior Scientist, Fermentation Technology Group, CSIR-Indian Institute of Integrative Medicine, Jammu, under webinar series 2020 'COVID 19 Pandemic: The Road Map to Recovery' on June 25, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand, Dr. Ratyakshi and Dr. Gunjan Sirohi.
- Organized webinar on 'Medical Devices and Diagnostics for Covid-19 Risk Mitigation and Case Management: Needs, Trends and Future of Innovation' by Dr. Priyanka Bajaj, Manager Health and Innovation Impact lab, PATH, New Delhi, under webinar series 2020, 'COVID 19 Pandemic: The Road Map to Recovery' on June 23, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand, Dr. Ratyakshi and Dr. Gunjan Sirohi.
- Organized webinar on 'U.S. Food & Drug Administration: Role in Covid Response' by Dr. Sanjana Mukherjee, Orise Fellow: Public Health Policy and Regulatory Research, US, Food and Drug Administration, under webinar series 2020 'COVID 19 Pandemic: The Road Map to Recovery' on June 11, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand, Dr. Ratyakshi and Dr. Gunjan Sirohi.

- Organized webinar on ‘Coronavirus 101’ by Dr. Kiran Kondabagil, Associate Professor, Biosciences and Bioengineering, IIT Bombay under webinar series 2020 on ‘COVID 19 Pandemic: The Road Map to Recovery’ on June 8, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand, Dr. Ratyakshi and Dr. Gunjan Sirohi.
- Organized webinar on ‘Covid 19: Vaccine Perspective’ by Dr. Ajay Kumar Tehlan, Director, Central Research Institute, Kasauli, Himachal Pradesh under webinar series 2020 on ‘COVID 19 Pandemic: The Road Map to Recovery’ on June 6, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand, and Dr. Neeru Bhagat.
- Organized webinar on ‘Understanding Lab Diagnosis of SARS Cov2 Infection’ by Prof. Ashok Rattan, Adviser, Laboratory Operations, Pathkind Labs, Gurgaon, Haryana, under webinar series 2020 on ‘COVID 19 Pandemic: The Road Map to Recovery’ on May 21, 2020. The talk was coordinated by Dr. Ruchi Gulati Marwah, Dr. Purnima Anand, and Dr. Neeru Bhagat.
- Organized two-day hands-on training workshop on ‘Microbiological Culturing Techniques’ in collaboration with Department of Biochemistry on March 3-4, 2020. Dr. Purnima Anand was the resource person.

Faculty Achievements

Dr Vijaya Kumar Nalla

- Participated in five-day online Faculty Development Programme on ‘Modern Digital Library Science and Technologies for Teaching, Learning and Research’ organized by Central Library in association with Teaching Learning Center (TLC), National Institute of Technology (NIT), Warangal, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) scheme, Ministry of Education, Government of India, from January 4-8, 2021.
- Participated in five-day online Faculty Development Programme on ‘Teaching and Learning Strategies of Differential Equations and Applications in Science and Engineering’ organized by Department of Mathematics in association with TLC, NIT, Warangal, under PMMMNMTT scheme, Ministry of Education, Government of India, from December 28, 2020-January 1, 2021.
- Participated in one-week National online Faculty Development Programme on ‘Skills for Next Generation Teachers’ jointly organized by Guru Angad Dev Teaching Learning Center, Jean Monnet Module, Centre for European Studies, Jawaharlal Nehru University, New Delhi and Vimala College, Thrissur under PMMMNMTT scheme, Ministry of Education, Government of India from December 1-7, 2020.
- Participated in webinar series talk on ‘Medical Devices and Diagnostics for COVID-19 Risk Mitigation, Case Management: Needs, Trends and Future Innovation’ organized by Department of Microbiology of the college on June 23, 2020.

- Participated in the webinar series talk on ‘Understanding Lab Diagnosis of SARS-CoV-2 Infection’ organized by Department of Microbiology of the college on May 21, 2020.

Dr. Purnima Anand

- Participated in the two-week online National Faculty Development Programme on ‘Digital tools for 21st century teachers’ organized by Guru Angad Dev Teaching Learning Centre (GAD-TLC) under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), Ministry of Education, Government of India from December 10-23, 2020.
- One-week Faculty Development Programme on ‘Advanced Pedagogical Techniques’ sponsored by MHRD, PMMMNMTT and organized by Ramanujan College, University of Delhi from October 29-November 5, 2020.
- Completed one-week National Faculty Development Programme on ‘Development of Teacher’s e-kit and MOOCs in Four Quadrant Format of e-content’ organized by GAD-TLC, SGTB Khalsa College, University of Delhi under the PMMMNMTT scheme of MHRD from September 12-20, 2020.
- Participated in the one-day National webinar on ‘Promotional Avenues for Teachers in Higher Education: CAS Regulations-2018’ organized by GAD-TLC, SGTB Khalsa College, University of Delhi under the PMMMNMTT scheme of MHRD on September 5, 2020.
- Participated in the online webinar on ‘National Educational Policy 2020: Futuristic Policy for New India’ organized by the college on August 25, 2020.
- Coordinated and participated in ‘National Science Series 2020: Igniting Young Minds’ organized by the college from August 4-7, 2020.
- Attended online National workshop on Science in Action, Series 1 on ‘How to Read Scientific Literature? Introduction to MANAV- The Human Atlas Initiative’ on July 14, 2020.
- Completed Faculty Development Programme on ‘Open Source Tools for Research’ conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by PMMMNMTT scheme of MHRD from June 8-14, 2020.
- Participated in the Faculty Development Programme, National webinar on ‘ICT Enabled Higher Education in India: Challenges and Opportunities’ organized by GAD-TLC SGTB Khalsa College, University of Delhi under the PMMMNMTT scheme of MHRD held on April 15, 2020.

Dr. Ruchi Gulati Marwah

- Co-convener and participated in the National webinar on ‘Opportunities for Women in Hospital and Healthcare Management’ organized by Women Development Cell of the

college on February 25, 2021.

- Organising committee member for organising a workshop on ‘My Bizzness: DST-sponsored-Women Entrepreneurship Development Program’ organized by Women Development Cell of the college on January 16, 2021.
- Completed Faculty Development Programme on ‘Advanced Pedagogical Techniques’ conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) from October 29 - November 5, 2020.
- Participated in the one-day National webinar on ‘Promotional Avenues for Teachers in Higher Education: CAS Regulations- 2018’ organized by Guru Angad Dev Teaching Learning Centre (GAD-TLC), SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD on September 5, 2020.
- Coordinated and participated in ‘National Science Series 2020: Igniting Young Minds’ organized by the college from August 4-7, 2020.
- Attended online National workshop on Science in Action, Series 1 on ‘How to Read Scientific Literature? Introduction to MANAV- The Human Atlas Initiative’ on July 14, 2020.
- Attended the webinar on ‘Immunity Boosting Foods’ as part of the webinar series ‘Let’s talk food’ organized by the Department of Food Technology of the college and Association of Food Scientists and Technologists (AFST) held on July 1, 2020.
- Attended International webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.
- Attended International webinar on ‘Impact of Covid on Society and Education: a Perspective’ organized by Swami Shraddhanand College, University of Delhi on June 20, 2020.
- Co-convener and participated in the webinar on ‘Cyber Crime against Women and its Redressal’ organized by Women Development Cell of the college on June 10, 2020.
- Completed Faculty Development Programme on ‘Open-Source Tools for Research’ conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, PMMMNMTT from June 8-14, 2020.
- Completed two-week Faculty Development Programme on ‘Managing Online Classes and Co-creating MOOCS: 2.0’ conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, PMMMNMTT from May 18-June 3, 2020.
- Participated in the webinar on ‘Leave Rules’ organized by Atma Ram Sanatan Dharma College, University of Delhi on May 14, 2020.

- Participated in the Faculty Development Programme, National webinar on 'ICT Enabled Higher Education in India: Challenges and Opportunities' organized by GAD-TLC, SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD held on April 15, 2020.
- Co-convener for 'नारीUtsav'20 organized by Women Development Cell of the college on the occasion of International Women's Day' on March 6, 2020.

Dr. Pawas Goswami

- Attended online workshop on 'Online Licensing and Open Educational Resources' organized by Automation and Digitization committee of the college on October 28, 2020.
- Completed one-week online National Faculty Development Programme on 'Development of Teacher's e-Kit and MOOCs in Four Quadrant Format of e-Content' organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi and sponsored by MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) from September 12-20, 2020.
- Participated in webinar on 'Demystifying Food Allergy and Food Intolerances' organized by Department of Food Technology of the college on August 15, 2020.
- Completed National one-week online faculty training program on 'Pedagogical Training for Effective Online Teaching and Learning' organized by Deen Dayal Upadhyaya College, University of Delhi in association with KTHM College, Nashik from August 3-10, 2020.
- Attended International webinar on 'Cellular Therapies for Arthritic Disease: Clinical Translation and Obstacles' organized by the college and National University of Ireland, Galway held on July 17, 2020.
- Participated in talk on 'Covid-19 as a Catalyst for Digital Transformation' under webinar series 2020 on the theme 'COVID 19 Pandemic: The Road Map to Recovery' organized by Department of Microbiology of the college on July 11, 2020.
- Participated in talk on 'Natural Molecules against SARS-CoV-2: A Molecular Modelling Study' under webinar series 2020 on the theme 'COVID 19 Pandemic: The Road Map to Recovery' organized by the Department of Microbiology of the college on July 7, 2020.
- Completed a two-week Faculty Development Programme on 'Advanced Concepts of Developing MOOCs' conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, PMMMNMTT from July 2-17, 2020.
- Participated in online International webinar on 'Predictive Microbiology in Food Safety' organized by Department of Basic and Applied Sciences, NIFTEM on June 27, 2020.
- Participated in webinar on 'Cyber Security Awareness-I' organized by Automation and Digitization committee of the college held on June 23, 2020.

- Participated in webinar on ‘Artificial Intelligence: Societal Implications of Thinking Machines’ organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.
- Participated in talk on ‘Coronavirus 101’ under webinar series 2020 on the theme ‘COVID 19 Pandemic: The Road Map to Recovery’ organized by the Department of Microbiology of the college on June 8, 2020.
- Participated in talk on ‘Understanding Lab Diagnosis of SARS Cov2 Infection’ under webinar series 2020 on the theme ‘COVID 19 Pandemic: The Road Map to Recovery’ organized by the Department of Microbiology of the college on May 21, 2020.
- Completed a two-week Faculty Development Programme on ‘Managing Online Classes and Co-creating MOOCs: 2.0’ conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, PMMMNMTT from May 18-June 3, 2020.

Dr. Ratyakshi

- Attended National webinar on ‘National Seminar on Emerging Trends in Entrepreneurship Research’ organized by Entrepreneurship and Innovation Cell, Karmaveer Bhaurao Patil College Vashi, Navi Mumbai held on February 20, 2021.
- Attended online workshop on ‘Online Licensing and Open Educational Resources’ organized by Automation and Digitization committee of the college on October 28, 2020.
- Participated in webinar on ‘Cyber Security Awareness-V’ organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in webinar on ‘Cyber Security Awareness-IV’ organized by Automation and Digitization committee of the college on July 29, 2020.
- Attended International webinar on ‘Cellular Therapies for Arthritic Disease: Clinical Translation and Obstacles’ organized by the college and National University of Ireland, Galway on July 17, 2020.
- Participated in webinar on ‘Cyber Security Awareness-III’ organized by Automation and Digitization committee of the college on July 14, 2020.
- Participated in the webinar on ‘Understanding Diabetes: A Menace’ organized by the Department of Microbiology, Swami Shraddhanand College, University of Delhi on July 7, 2020
- Participated in webinar on ‘Cyber Security Awareness-II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Participated in webinar on ‘Cyber Security Awareness-I’ organized by Automation and Digitization committee of the college on June 23, 2020.

- Participated in a talk on 'Covid 19: Vaccine Perspective' under webinar series 2020 on the theme 'COVID 19 Pandemic: The Road Map to Recovery' organized by the Department of Microbiology of the college on June 6, 2020.
- Participated in National webinar on 'COVID-19: Impact on Environment and Social Change' organized by Pranahi, the Eco Club of the college held on June 5, 2020.

Dr. Gunjan Sirohi

- Participated in an online workshop on 'Online Licensing and Open Educational Resources' organized by the Automation and Digitization committee of the college held on October 28, 2020.
- Participated in webinar on 'Online Teaching and Learning: Resources and Challenges' organized by the Department of Polymer Science of the college on October 17, 2020.
- Convener in webinar on 'Environmental Issues in the Midst of Covid-19' organized by Eco Club and Department of Chemistry of the college on September 10, 2020.
- Participated in webinar on 'Cyber Security Awareness: V' organized by the Automation and Digitization committee of the college held on August 29, 2020.
- Participated in the online webinar on 'National Education Policy 2020: Futuristic Policy for New India' organized by the college on August 25, 2020.
- Participated in 'National Science Series: Igniting Young Minds' organized by the college on August 4-6, 2020.
- Participated in webinar on 'Cyber Security Awareness: IV' organized by the Automation and Digitization committee of the college on July 29, 2020.
- Participated in a talk on 'Molecular Strategies to Combat Covid 19 virus' under webinar series 2020 on the theme 'COVID 19 Pandemic: The Road Map to Recovery' organized by the Department of Microbiology of the college on July 15, 2020.
- Participated in a webinar on 'Cyber Security Awareness: III' organized by the Automation and Digitization committee of the college on July 14, 2020.
- Participated in a talk on 'COVID-19: Accosting the Pandemic using CRISPR scissors' under webinar series 2020 on the theme 'COVID 19 Pandemic: The Road Map to Recovery' organized by Department of Microbiology of the college on July 13, 2020.
- Participated in webinar on 'Cyber Security Awareness II' organized by the Automation and Digitization committee of the college on July 3, 2020.
- Participated in webinar on 'Cyber Security Awareness I' organized by Automation and Digitization committee of the college on June 23, 2020.
- Participated in International webinar on 'Artificial Intelligence: Societal Implications of Thinking Machines' organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.

- Participated in a talk on 'Covid 19: Vaccine Perspective' under webinar series 2020 on the theme 'COVID 19 Pandemic: The Road Map to Recovery' organized by the Department of Microbiology of the college on June 6, 2020.
- Participated in the National webinar on 'COVID-19: Impact on Environment and Social Change' organized by Pranahi, the Eco Club of the college on June 5, 2020.
- Participated in a talk on 'Understanding Lab Diagnosis of SARS Cov2 Infection' under webinar series 2020 on the theme 'COVID 19 Pandemic: The Road Map to Recovery' organized by the Department of Microbiology of the college on May 21, 2020.
- Participated in two-day Intercollege Online Faculty Development Programme on 'Understanding Google Classroom' organized by the Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in three-day Intercollege Online Faculty Development Programme on 'Online Transaction of Courses with Moodle – LMS' organized by the Automation and Digitization committee of the college from May 8-10, 2020.

Dr. Neeru Bhagat

- Co-ordinated and participated in the webinar on the topic 'Ayurveda against Addiction: A Scientific Approach' organized by Anti-Tobacco cell, Film club in association with Modern and Fine Arts club of the college on February 26, 2021.
- Participated in the 5th Biennial Conference of PAI and International Symposium on 'Probiotics and Immunity: Way Forward to Microbial Therapy' jointly organized by Probiotic Association of India (PAI) and ICAR-National Dairy Research Institute, Karnal held on November 19-20, 2020.
- Participated in a talk on 'Breast Cancer Awareness' organized by Department of Biomedical Science and Women Development Cell of the college on October 17, 2020.
- Completed one-week online Faculty Development Programme on 'Biosafety, Bioethics and IPR' organized by the Department of Microbiology, Ram Lal Anand College, University of Delhi from August 24-28, 2020
- Participated in the talk on 'Role of Enzymes in Food Industry and their Regulatory Frameworks' during webinar series 2020: Let's Talk About Food organized by Department of Food Technology of the college and Association of Food Scientists and Technologists (AFST) (I) Delhi Chapter on August 21, 2020.
- Co-coordinated and participated in 'National Science Series 2020: Igniting Young Minds' organized by the college from August 4-7, 2020.
- Participated in talk on 'Initiatives of BIRAC and National Biopharma Mission in the Biopharma Sector and in Current Covid 19 Pandemic' under webinar series 2020 on the theme 'COVID 19 Pandemic: The Road Map to Recovery' organized by Department of Microbiology of the college on July 25, 2020.

- Participated in talk on ‘How Artificial Intelligence can Help Food and Beverage Companies Innovate’ during webinar series 2020: Let’s Talk About Food, organized by Department of Food Technology of the college and AFST (I) Delhi Chapter held on July 24, 2020.
- Participated in talk on ‘Know Your Cooking Oils’ during webinar series 2020: Let’s Talk About Food, organized by Department of Food Technology of the college and AFST (I) Delhi Chapter held on July 17, 2020.
- Participated in talk on ‘Molecular Strategies to Combat Covid 19 virus’ under webinar series 2020 on the theme ‘COVID-19 Pandemic: The Road Map to Recovery’ organized by Department of Microbiology of the college on July 15, 2020.
- Participated in talk on ‘COVID-19: Accosting the Pandemic using CRISPR Scissors’ under webinar series 2020 on the theme ‘COVID 19 Pandemic: The Road Map to Recovery’ organized by Department of Microbiology of the college on July 13, 2020.
- Participated in the talk on ‘Standards and Trade Development Facility (STDF)-An Introduction’ during webinar series 2020: Let’s Talk About Food, organized by Department of Food Technology of the college and AFST (I) Delhi Chapter held on July 10, 2020.
- Participated in the talk on ‘Immunity-Boosting Foods in COVID 19’ during webinar series 2020 ‘Let’s Talk About Food’ organized by Department of Food Technology of the college and AFST (I) Delhi Chapter held on July 1, 2020.
- Completed a four-week Induction Programme for Faculty in Universities/Colleges/Institutes of Higher Education conducted by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Human Resource Development, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) from June 26-July 24, 2020.
- Participated in a talk on ‘Biosafety and Biosecurity’ under webinar series 2020 on the theme ‘COVID 19 Pandemic: The Road Map to Recovery’ organized by Department of Microbiology of the college on June 25, 2020.
- Participated in a talk on ‘Medical Devices and Diagnostics for Covid-19 Risk Mitigation and Case Management: Needs, Trends and Future of Innovation’ under webinar series 2020 on the theme ‘COVID 19 Pandemic: The Road Map to Recovery’ organized by Department of Microbiology of the college on June 23, 2020.
- Participated in the International webinar on ‘Impact of COVID-19 on Society and Education: A Perspective’ organized by Internal Quality Assurance Cell, Swami Shraddhanand College, University of Delhi on June 20, 2020.
- Completed Faculty Development Programme on ‘Open Source Tools for Research’ conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, PMMMNMTT from June 8-14, 2020.

- Participated in the National webinar on ‘Fighting Pandemics with Artificial Intelligence’ organized by the Department of Microbiology, Gargi College, University of Delhi on May 29, 2020
- Completed two-week Faculty Development Programme on ‘Managing Online Classes and Co-creating MOOCs: 2.0’ conducted by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, PMMMNMTT from May 18-June 3, 2020.
- Participated in a webinar series on ‘Next-generation Sequencing and Metagenome Analysis’ hosted by Ram Lal Anand College, University of Delhi held on May 15-16, 2020.
- Participated in the three-day Intercollege online Faculty Development Programme on ‘Online Transaction of Courses with Moodle–LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in the Faculty Development Programme, National webinar on ‘Towards Excellence in Higher Education in India in the 21st Century: Challenges and Opportunities’ organized by Guru Angad Dev Teaching Learning Centre (GAD-TLC), SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD held on May 1, 2020.
- Participated in the International online conference on ‘COVID 19- Biotechnology: A Way Forward’ organized by Department of Biosciences, Department of Basic Sciences, Faculty of Science and Directorate of Admissions, Manipal University, Jaipur on April 30, 2020.
- Participated in the Faculty Development Programme, National webinar on ‘ICT Enabled Higher Education in India: Challenges and Opportunities’ organized by GAD-TLC, SGTB Khalsa College, University of Delhi under the PMMMNMTT of MHRD held on April 15, 2020.

Students' Achievements

- Deepanshi Karwall and Pranav Chawla of second year secured first and second position, respectively in the online presentation on the theme ‘Technologies during Lockdown Period: Innovations and Experiments’ jointly organized by Equal Opportunity Cell and North-East Cell of the college on the occasion of National Science Day Celebration on February 27, 2021.
- Sridip Mukherjee of first year was awarded as Best speaker against the Motion in Debate competition organized by Department of Zoology of the college on February 16, 2021.
- Kritika Garg and Hitikk Chawla of second year participated as team and cleared preliminary round of MindSpar 3.0 Ideathon organized by Department of Biochemistry, Sri Venkateswara College, University of Delhi held on February 9, 2021.

- Isha Saha of first year and Ishani Sharma of third year were the winners of Essay writing competition on ‘Gender Sensitization: How to Change the Mindset’ organized by Gender Sensitization Committee on January 30, 2021. They were selected as Gender Champions for the year 2020-21.
- Rimmi of second year secured first position in ADology, a scientific advertisement making competition organized by Department of Microbiology, Gargi College, University of Delhi on January 18, 2021.
- Romita Trehan of third year secured second position in the online event ‘Microgrid-Crossword series’ organized by Microbiologists Society, Delhi Unit on January 16, 2021.
- Chetana Meena of second year secured first position in inter-college online competition conducted by Moksha, Music club of the college on November 24, 2020.
- Trishna Rai of second year was awarded the second prize in debate competition organized by Confianza - Debate club on the topic ‘Who should be more Vigilant? State or the Citizen in a democracy’ held on November 2, 2020.
- Anjali Roy of second year participated in National Level Quiz competition on World Nature Conservation Day and World Hepatitis Day organized by Bhagini Nivedita College on July 28, 2020 and scored 75%.
- Deepanshi Karwall of second year secured second position in Inter-college Monoact competition Navras held in the month of June 2020.
- Rimmi of second year secured third position in Meme-o-Mania, a meme making competition organized by Department of Microbiology, Gargi College, University of Delhi on October 15, 2020.
- Ishani Sharma of third year secured second position for her outstanding dedication and meritorious performance in Essay Writing Competition on ‘Mahatma Gandhi and Science’ organized by Gandhian Study Centre of the college held on March 7, 2020. .

DEPARTMENT OF PHYSICAL EDUCATION

Faculty Achievements

Dr. Pawan Kumar

- **Kumar, P.** (2021). *Fitness and Exercise Management (1st ed.)*. Friends Publications, India.
- Resource person in ‘Computer Literacy’ training organized by the Automation and Digitization committee of the college from September 26-October 9, 2020.
- Participated in the webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by the college on August 25, 2020.
- Participated in the webinar on ‘Cyber Security Awareness: IV’ organized by the Automation and Digitization committee of the college on July 29, 2020.

- Participated in the International webinar on ‘Exercise and Health in Context of Covid-19’ organized by Guru Gobind Singh College of Commerce, University of Delhi on July 13, 2020.
- Participated in the webinar on ‘Cyber Security Awareness: I’ organized by the Automation and Digitization committee of the college on June 23, 2020.
- Participated in the National webinar on ‘Yoga Practices to Ease Coronavirus Fears-Breathing and Anxiety’ organized by Ramjas College, University of Delhi on June 21, 2020.
- Participated in the National webinar on ‘Staying Mobile with Lifestyle Interventions’ organized by Gargi College, University of Delhi on May 25, 2020.
- Participated in the International webinar on ‘Ecological Revival during Pandemic’ organized by the Department of Chemistry of the college on May 21, 2020.
- Participated in the International webinar on ‘Prevalent Crisis Triggered by the Covid19 Pandemic and its Appraisal’ organized by the Departments of Chemistry and Biomedical Science of the college on May 18-19, 2020.
- Participated in the National webinar on ‘Women: The Pivotal Point of Health and Wellness of the Family’ and ‘Yoga and Immunity’ organized by Bharati College, University of Delhi on May 18 and 20, 2020.

DEPARTMENT OF PHYSICS

Departmental Activities

- Organized a webinar on ‘Voyage into the Dark Side of the Universe’ by Dr. Akshay Rana, Assistant Professor, St. Stephen’s college, University of Delhi in collaboration with the Astronomy club on February 26, 2021. Dr. Ramesh Kumar and Dr. Herendra Kumar were the coordinator and co-coordinator, respectively.
- Organized a webinar on ‘Laser Gyroscope & Applications’ by Mr. Jagroop Bhanwala, Scientist/Engineer ‘SE’, Vikram Sarabhai Space Center, Indian Space Research Organization (ISRO) in second webinar series on ‘Optics-from Fundamental to Engineering Application’ on February 23, 2021. Dr. Ramesh Kumar and Dr. Herendra Kumar were the coordinator and co-coordinator, respectively.
- Organized a webinar on ‘Semiconductor Lasers in Defence Applications’ by Mr. Abhishek Sharma, Scientist 'D', Solid State Physics Laboratory (SSPL), Defence Research and Development Organisation (DRDO) in second webinar series on ‘Optics-from Fundamental to Engineering Application’ on February 17, 2021. Dr. Ramesh Kumar and Dr. Herendra Kumar were the coordinator and co-coordinator, respectively.
- Organized a webinar on ‘Quantum Control Realization in Semiconductor Devices’ by Dr. Akhilesh Kumar Mishra, Assistant Professor, Indian Institute of Technology, Roorkee in second webinar series on ‘Optics-from Fundamental to Engineering Application’ on

February 8, 2021. Dr. Ramesh Kumar and Dr. Herendra Kumar were the coordinator and co-coordinator, respectively.

- Organized a webinar on ‘Quantum Information and Computation’ by Miss Swati, Honk Kong University, China in the 1st international webinar series on ‘Latest Research in the Field of Physics’ on November 5, 2020. Dr. Ramesh Kumar and Dr. Herendra Kumar were the coordinator and co-coordinator, respectively.
- Organized a webinar on ‘Lead and Lead-free Perovskite Solar Optoelectronic Devices’ by Dr. Namrata Pant, Kyoto University, Japan in the 1st International webinar series on ‘Latest Research in the Field of Physics’ on October 29, 2020. Dr. Ramesh Kumar and Dr. Herendra Kumar were the coordinator and co-coordinator, respectively.
- Organized a webinar on ‘Frustration and Physics’ by Miss Charu Garg, Indian Institute of Science Education and Research, Pune in the 1st International webinar series on ‘Latest Research in the Field of Physics’ on October 22, 2020. Dr. Ramesh Kumar and Dr. Herendra Kumar were the coordinator and co-coordinator, respectively.
- Organized the International webinar on ‘A Short Story of Solar Physics’ by Professor Carsten Denker, Head, Solar Physics, Solar Observatory, Einstein Tower, Germany in collaboration with Department of Instrumentation of the college on July 30, 2020. Dr. Vandana Batra was the convener of the webinar.
- Organized the International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ by Dr. Sudhir Aggarwal, Alumnus, IIT Delhi, India on June 12, 2020. Dr. Vandana Batra and Dr. Herendra Kumar were the coordinator and co-coordinator, respectively.
- Organized the International webinar on ‘How Huge is Nano-An Introduction to Nanotechnology’ by Dr. Vishal Chaudhary, Bhagini Nivedita College, University of Delhi, India on May 29, 2020. Dr. Vandana Batra and Dr. Herendra Kumar was the coordinator and co-coordinator, respectively.
- Organized the International webinar on ‘Optical Sources and their Applications’ by Dr. Vishwa Pal, IIT, Ropar, Punjab, India on May 28, 2020. Dr. Vandana Batra and Dr. Ramesh Kumar were the coordinator and co-coordinator, respectively.

Faculty Achievements

Dr. Anand Bharadvaja

- Attended three-day workshop on ‘Challenges of Teaching Physics Laboratory Courses in Online Mode’ organized by Kalindi College, University of Delhi from January 23-25, 2021.
- Bassi, M., **Bharadvaja, A.**, & Baluja, K. L. (2020). A study of electron scattering from 1-1 C2H2F2 from 0.1 eV to 5 keV, *The European Physical Journal D*, 74 (12), 1.

Dr. Vandana Batra

- Attended technical talk on 'Covid-19 and Vaccines: The Road Ahead' organized by Deen Dayal Upadhyaya College (DDUC), University of Delhi with NASI-Delhi Chapter and Science Foundation and MOE-IIC on February 1, 2021.
- Attended technical talk on 'Does the Everyday World Obeys Quantum Mechanics' organized by DDUC, University of Delhi with NASI-Delhi Chapter and Science Foundation and MOE-IIC on January 13, 2021.
- Participated in one-week Faculty Development Programme on 'Next Generation: Road Ahead Developing Next Generation Academic Leaders' organized by Sri Venkateswara College, University of Delhi in collaboration with Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) and Teaching Learning Centre, Ramanujan College from November 25- December 1, 2020.
- Attended workshop on 'Online Licensing and Open Educational Resources' organized by Automation and Digitization committee of the college on October 28, 2020.
- Attended webinar on 'Online Teaching and Learning: Resources and Challenges' organized by Department of Polymer Science of the college on October 17, 2020.
- Attended technical talk on 'A Voyage through Time: Dynamics at Molecular Length and Time Scales' organized by DDUC, University of Delhi with NASI-Delhi Chapter and Science Foundation and MOE-IIC on October 8, 2020.
- Attended webinar on 'National Education Policy 2020: Futuristic New Approach for New India' organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Attended webinar on 'Demystifying Food Allergy and Food Intolerances' organized by Department of FoodTechnology of the college on August 15, 2020.
- Attended webinar on 'Cyber Security Awareness: IV' organized by Automation and Digitization committee of the college on July 29, 2020.
- Attended webinar on 'Shaping the Career for 5G Technology' organized by Department of Instrumentation of the college on July 15, 2020.
- Attended webinar on 'Cyber Security Awareness: III' organized by Automation and Digitization committee of the college on July 15, 2020.
- Attended two-day webinar on 'Energy and Environment' jointly organized by IPA Baroda Chapter, Gujarat Science Academy, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda in association with NASI-Delhi Chapter on July 9-10, 2020.
- Attended webinar on 'Cyber Security Awareness: II' organized by Automation and Digitization committee of the college on July 3, 2020.
- Attended three-day workshop on 'ILMT-International Liquid Mirror Telescope Workshop' organized by Aryabhatta Research Institute of Observational Sciences, Nainital from June 29-July 1, 2020.

- Attended webinar on ‘Cyber Security Awareness: I’ organized by Automation and Digitization committee of the college on June 23, 2020.
- Attended an online super session on ‘Future of Education’ organized by Skycampus, ICT Academy on June 18, 2020.
- Attended webinar on ‘Medicinal Plants: Eternal Source of Health and Wellness’ organized by Department of Botany, Swami Shraddhanand College, University of Delhi on June 17, 2020.
- Attended three-day webinar on ‘Century of Quantum Mechanics and Still Going Strong’ jointly organized by IPA Baroda Chapter, Gujarat Science Academy, FTE, MSUB in association with NASI-Delhi Chapter on June 15-17, 2020.
- Attended International conference on ‘People, Environment, Science & Pandemic: वसुधैवकुटुम्बकम्’ jointly organized by Research Cell, Community Engagement & Outreach cell and Department of Environmental Science of Bhagini Nivedita college, University of Delhi on June 5-7, 2020.
- Attended webinar on ‘COVID-19: Impact on Environment and Social Change’ organized by Pranahi, Eco club of the college on June 5,2020.
- Attended BCAS Silver Jubilee International webinar Series on “Technological Trends for the Next Generation” organized by Department of Electronics of the college on June 1-5,2020.
- Attended National webinar on ‘Ecological Revival during Pandemic’ organized by Department of Chemistry of the college on May 21, 2020.
- Attended National webinar on ‘Rog mein Yog’ organized by Yoga Club of the college on May 16, 2020.
- Attended two-day Faculty Development Program workshop on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college on May 13-14, 2020.
- Attended three-day Faculty Development Programme workshop on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college on May 8-10, 2020.

Dr. Meetu Luthra

- Attended the webinar on ‘Cancer Awareness for Women’ organized by Department of Biomedical Science and Women Development cell of the college and Dr. B. R. Ambedkar Centre of Biomedical Research, University of Delhi on February 22, 2021.
- Attended webinar on ‘Semiconductor Lasers in Defence application’ organized by Department of Physics of the college on February 17, 2021.

- Attended a workshop on 'Challenges of Teaching Physics Laboratory Courses in Online Mode' organized by Kalindi College and Department of Astrophysics, University of Delhi and National Academy of Sciences India, Delhi Chapter from January 23-25, 2021.
- Attended webinar on 'Does the Everyday World follow Quantum Mechanics' organized by Deen Dayal Upadhyaya, University of Delhi and NASI, Delhi Chapter on January 13, 2021.
- Attended workshop on 'Online Licensing and Open Education Resources' organized by Automation and Digitization committee of the college on October 28, 2020.
- Attended International webinar on 'Frustration and Physics' organized by Department of Physics of the college on October 22, 2020.
- Attended webinar on 'Cyber Security Awareness - IV' organized by Automation and Digitization committee of the college on July 29, 2020.
- Attended webinar on 'Cyber Security Awareness - III' organized by Automation and Digitization committee of the college on July 14, 2020.
- Attended webinar on 'Cyber Security Awareness - II' organized by Automation and Digitization committee of the college on July 3, 2020.
- Attended webinar on 'Cyber Security Awareness - I' organized by Automation and Digitization committee of the college on June 23, 2020.
- Attended webinar on 'Artificial intelligence: Societal Implications of Thinking Machines' organized by Vivekanand Vichar Manch and Literary committee of the college on June 22, 2020.
- Attended webinar on 'Yoga: Detoxing Mind, Body & Soul' organized by Yoga club of the college on International Yoga Day 2020 on June 21, 2020.
- Attended a webinar on 'Future of Education' organized by Skycampus, ICT Academy on June 18, 2020.
- Attended webinar on 'Origin of Universe: Scientific and Vedic Perspectives' organized by Department of Physics of the college on June 12, 2020.
- Attended a webinar on 'How Huge is Nano?' organized by Department of Physics of the college on May 29, 2020.
- Attended webinar on 'Optical Sources and Their Applications' organized by Department of Physics of the college on May 28, 2020.
- Attended webinar on 'Nutrition and Immunity-Simplified and Applied' organized by Department of Food Technology of the college on May 22, 2020.
- Attended a webinar on 'Botanical Secrets for Wellness: Clued from Nature's Signature' organized by Department of Botany of the college on May 16, 2020.
- Attended a webinar on 'Economic Crisis and its Redressal during Pandemic' organized by Department of Chemistry of the college on May 15, 2020.

- Attended a workshop on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college on May 13-14, 2020.
- Attended a workshop on ‘Online Transaction of Courses with Moodle –LMS’ organized by Automation and Digitization committee of the college on May 8-10, 2020.

Dr. Ramesh Kumar

- Successfully completed one-week National Faculty Development Programme on ‘Transforming Lifestyle through Yoga Darshan and its Functional Modes’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD during November 20-26, 2020.
- Successfully completed one-week National Faculty Development Programme on ‘Towards Quality Higher Education through NEP-2020’ organized by Guru Angad Dev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under PMMMNMTT of MHRD during October 27- November 2, 2020.
- Attended a live International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Participated in a quiz on ‘Sound & Thermal Physics’ organized by Department of Physics, Sangolli Rayanna First Grade Constituent College, Rani Channamma University, Belagavi, Karnataka held on June 11, 2020.
- Participated in the National webinar on ‘Being Healthy’ jointly organized by Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on June 9, 2020.
- Participated in the International webinar on ‘60 Years of Lasers: A Fascinating Journey’ organized by PG and Research Department of Physics, Loganatha Narayanasamy Government College, University of Madras on June 4, 2020.
- Attended a live International webinar on ‘How Huge is Nano?’ organized by the Department of Physics of the college held on May 29, 2020.
- Participated in the webinar on ‘E-Assessment Tools’ organized by Department of Physics, Seethalakshmi Achi College for Women, Pallathur, Sivagangai Dt, Tamil Nadu on May 28, 2020.
- Participated in three-day online Intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college held from May 8-10, 2020.

Dr. Sandeep Kumar

- **Kumar, S.,** Chatterjee, R., & Ghosh, N.N. (2021). Influence of varying particle sizes on microwave absorbing properties of U-type hexaferrites and development of broadband microwave absorber, *AIP Advances*, 11, 015311.

Dr. Herendra Kumar

- Coordinated webinar on ‘Voyage into the Dark Side of the Universe’ organized by Astronomy club in collaboration with the Department of Physics of the college on February 26, 2021.
- Worked as coordinator for a live Alumni interaction webinar on ‘Opportunities for Research in Physical Sciences’ organized by Alumni committee of the college held on February 19, 2021.
- Reviewer in ‘Reviews’ Journal, Science Publishing Group.
- Appointed as judge for the live Debate Competition on ‘Astronomy Vs Astrology’ organized by Research Cell, Bhagini Nivedita College, University of Delhi held on August 11, 2020.
- Appointed as an active IJCRT RMS member of the esteemed International Journal of Creative Research Thoughts (IJCRT) since July 17, 2020.
- Attended a live international webinar on ‘Optical Sources and their Applications’ organized by the Department of Physics of the college held on May 28, 2020.

DEPARTMENT OF POLYMER SCIENCE***Departmental activities***

- Organized a Campus Darshan in which first year students visited the college on February 17, 2021.
- Organized fourth webinar on ‘Polycarbonates & Its Blends’ by Dr. Anirban Ganguly, Lead Scientist, SABIC, Bangalore under webinar series 2020-21 on January 16, 2021. The convener of the webinar was Dr. Susmita D Sadhu and co-ordinators were Dr. Sidhharth Sirohi and Dr. Prem Lata Meena.
- Organized an interaction programme for first year students on January 9, 2021.
- Organized third webinar of webinar series 2020 on ‘Polymers for Electrical & Electronic Appliances’ by Dr. Amit Kumar, DGM Havells India Ltd. on December 29, 2020. The convener of the webinar was Dr. Sidhharth Sirohi and organizing team members were Dr. Susmita D Sadhu and Dr. Umesh Kumar.
- Organized second webinar of webinar series 2020 on ‘Online Teaching: Learning Resources & Challenges’ on October 17, 2020. Prof. Kushal Sen, Department of Textile & Fiber Engineering, IIT Delhi delivered the talk. The coordinator of the webinar was Dr.

Sidhharth Sirohi and co-coordinators were Dr. Susmita D Sadhu, Dr. Umesh Kumar and Dr. Krishna Dutt.

- Prof. S.K Awasthi, and Prof. D.S. Rawat of Department of Chemistry, University of Delhi visited the department on October 16, 2020.
- Organized first webinar on ‘Indian Polymer Industry- Opportunities, Challenges & The Way Forward’ by Sh. Kuldeep Negi, DGM, Mktg-GPTC, GAIL(India) Ltd., of webinar series 2020 on October 10, 2020. The coordinator of the webinar was Dr. Sidhharth Sirohi, and the cocordinators were Dr. Anil Barak and Dr. Prem Lata Meena.
- Released the departmental magazine ‘Bahulak’ (2018-19: Volume 2) released on the occasion of 23rd Annual Day of the college held on September 8, 2020. Dr. Susmita Dey Sadhu and Dr. Anil Barak was the editor and faculty coordinator of the editorial team, respectively, of the magazine.
- Organized a webinar on ‘3D Printer and its Applications’ by Prof. A. K. Ghosh, Department of Material Science and Engineering, IIT, Delhi and Mr. Saroop Chand, Adriotic, Noida in association with the Department of Food Technology on May 12, 2020. The convener of the webinar was Dr. Susmita Dey Sadhu.

Dr. Saroj Kumar Shukla

- Kushwaha, C.S.,& Shukla, **S.K.** (2020). Potentiometric extractive sensing of lead ions over nickel oxide intercalated chitosan-grafted-polyaniline composite. *Dalton Transactions*, 49, 13862-13871.
- Kushwaha, C.S., Singh P., Abbas N.S.,& **Shukla, S.K.** (2020). Self-activating zinc oxide encapsulated polyaniline grafted chitosan composite for potentiometric urea sensor. *Journal Materials Science: Materials in Electronics*, 31, 11887-11896.
- Singh, P., & **Shukla, S.K.** (2020). Structurally aligned nickel oxide encapsulated polypyrrole nanocomposite for hydrogen peroxide sensing. *Dalton Transaction*, 49, 8744-8754.
- Kushwaha, C.S., & **Shukla, S.K.** (2020). Electrochemical Sensing of Paracetamol Using Iron Oxide Encapsulated in Chitosan-Grafted-Polyaniline. *ACS Applied Polymer Materials*, 2(6), 2252-2259.
- Singh, P., & **Shukla, S.K.** (2020). Structurally optimized cupric oxide/polyaniline nanocomposites for efficient humidity sensing. *Surface and Interface*, 18, 100410.
- Singh, N. B., & **Shukla, S. K.** (2020). Properties of two-dimensional nanomaterials. In Khan, R., & Barua S (Eds), *Two-Dimensional Nanostructures for Biomedical Technology*, 73-100. Elsevier.

Dr. Sidhharth Sirohi

- Supervised five students of B.Sc.(H) Polymer Science during in house Project.
- Coordinated and attended the workshop on ‘Online Licensing and Open Educational Resources’ organized by Automation and Digitization committee of the college on October 28, 2020.
- **Sidhharth Sirohi**, Saiyam Dobhal, Balaram Pani, & Ratyakshi Nain (2020). Chitosan functionalized mesoporous silica nanoparticles for drug delivery applications. Oral presentation in First International Online Conference on ‘Blends, Composites, Bio-Composites and Nanocomposites (ICNC-2020)’ held at Mahatma Gandhi University, Kottayam, Kerala, India from October 9-11, 2020.
- Participated in UGC-sponsored second short term course on ‘Cyber Security’ at UGC-HRDC, Jawaharlal Nehru University, Delhi during September 21-26, 2020.
- Convener, 23rd Annual Day and Prize Distribution function held on September 8, 2020.
- Kumar, R., Kumari, S., Rai, B., Kumar, R., **Sirohi, S.**, & Kumar, G. (2020). A Facile Chemical Approach to Isolate Cellulose Nanofibers from Jute Fibers. *Journal of Polymers and the Environment*, 28(10), 2761-2770.
- Co-chairman in National webinar on ‘Being Healthy’ jointly organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences on June 9, 2020.
- Co-chairman in National webinar on ‘Obesity Management’ jointly organized by the Department of Physical Education of the college and Indira Gandhi Institute of Physical Education and Sports Sciences on May 29, 2020.
- Co-convener in workshop on ‘E-content Development and Online Pedagogy’ on the theme ‘ICT Tools for Online Teaching’ by Centre for Professional Development in Higher Education, UGC-HRDC, University of Delhi from May 23-29, 2020.
- Kumari, S., Kumar, R., Rai, B., **Sirohi, S.**, & Kumar, G. (2020). Study on the modification of polyester resin bamboo fiber-based composite with euphorbia coagulum and their effect on mechanical and thermal properties. *Journal of Composite Materials*, 54(24), 3473–3480.
- Coordinator, India Today Best College Ranking committee of the college in the year 2021.
- Annual membership of American Chemical Society, ACS Division of Polymer Chemistry - Poly Division Membership.
- Selected for best teacher award by Department of Higher Education, Govt. of NCT, Delhi for the year 2019-20.

Dr. Susmita Dey Sadhu

- **Sadhu, S. D.**, Meena, P.L., Kumar, J., Gupta, J., Choudhary, S., & Gupta, A. (2020). Preparation and characterization of polyaniline and polythiophene-based copolymer and its nanocomposite suitable for electro-optical devices. *Polymer Composites*. 41(11), 4619-4630.
- Meena, P.L., Choudhary, S., Juhi, &**Sadhu, S. D.** (2020). Importance of Packaging in Pharmaceutical Industries. *International Journal of Research and Analytical Reviews*, 7(2), 956-971.
- **Sadhu, S. D.**, Garg, M. & Meena, P. L. (2020). Cellulose Acetate/Gelatin/Polyethylene Glycol Blend: Its Preparation, Characterization and Biodegradation. *International Journal of Research and Analytical Reviews*, 7(3), 484-490.
- Garg, M., Meena, P.L., **Sadhu, S.D.**, & Alam, T. (2020). *Food Packaging: A Practical Guide*. The Computype Media (Publishing Division), New Delhi.
- Attended one-week workshop on ‘Systematic Literature Review and Meta-Analysis’ organized by Ramanujan College, University of Delhi from December 7-13, 2020.
- Attended one-week Faculty Development Programme on ‘Higher Education: Road ahead Developing Next Generation Academic Leaders’ organized by Sri Venkateshwara college, University of Delhi from November 25-December 1, 2020.
- Participated in webinar on ‘Polymer Processing and Emerging Technologies’ conducted by Polymer Processing Academy in association with IIT alumni Centre, Bengaluru held from November 5-7, 2020.
- Attended a one-week online Faculty Development Programme on ‘Advanced Pedagogical Techniques’ organized by Ramanujan College, University of Delhi held from October 29-November 5, 2020.
- Attended a one-week online Faculty Development Programme on ‘Development and Implementation of MOOCS’ organized by Ramanujan College, University of Delhi held from October 21-27, 2020.
- Garg, M., Chaturvedi, S., **Sadhu, S. D.**, Barwa, M. S., & Pani, B. (2020). Practical Handbook of Food Engineering (1st ed), Aaryush Education.
- Attended three-day International conference on ‘Proficiency Improvement on Polymer Processing and Advanced Characterization Technique’ conducted by Pillai College of Engineering in association with Polymer Processing Academy held from July 1-3, 2020.
- Attended two-week Faculty Development Programme on ‘Emerging Research Trends in Computer Science and IT’ organized by Bharti Vidyapeeth’s Institute of Computer Applications and Management, New Delhi from June 8-19, 2020.

Dr. Krishna Dutt

- Singh, R., Gautam, S., Sharma, B., Jain, P., **Chauhan, K.D.** (2021). Biopolymers and their classifications. In S. Thomas, S. Gopi, &A. Amalraj (Eds). *Biopolymers and their Industrial Applications: From Plant, Animal and Marine Sources to Functional Products* (pp. 21-44),Elsevier.
- Singh, R., Sharma, R., Shaqib, M., Sarkar, A., Dutt, K., &**Chauhan, K.D.** (2021). Biodegradable polymers as packaging materials. In S. Thomas, S. Gopi, &A. Amalraj(Eds). *Biopolymers and their Industrial Applications:From Plant, Animal and Marine Sources to Functional Products*(pp.245-259),Elsevier.
- Participated in the two-day International webinar on ‘Prevalent Crisis Triggered by the Covid19 Pandemic and its Appraisal’ jointly organized by Departments of Chemistry and Biomedical Science of the college on May 18-19, 2020.
- Participated in the live webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by the Department of Botany of the college on May 16, 2020.
- Participated in two-day online Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in the webinar on ‘3D Printing: Materials and Applications’ organized by the college on May 12, 2020.

Dr. Anil Barak

- Received certificate of commitment for adopting the integrity pledge from Central Vigilance Commission.
- Co-ordinated and participated in the webinar on the topic ‘Ayurveda against Addiction: A Scientific Approach’ organized by Anti-Tobacco cell, Film club in association with Modern and Fine Arts club of the college on February 26, 2021.
- Coordinated a talk on the topic ‘Choose Life, Not Tobacco: Tobacco Products Cause Cancer’ in association with Anti-tobacco cell on the occasion of ‘World Cancer Day’ on February 4, 2021.
- Attended fourth webinar of webinar series 2020-21 on ‘Polycarbonates & its Blends’ organized by Department of Polymer Science of the college on January 16, 2021.
- Attended third webinar of webinar series 2020 on ‘Polymers for Electrical & Electronic Appliances’ organized by Department of Polymer Science of the college on December 29, 2020.
- Attended the webinar on the topic ‘Growth & Opportunity in IPR’ organized by Training and Placement Cell of the college on November 6, 2020.
- Attended an online workshop on ‘Online Licensing and Open Educational Resources organized by Automation and Digitization committee of the college on October 28, 2020.

- Attended second webinar of webinar series 2020 on ‘Online Teaching and Learning: Resources and Challenges’ organized by Department of Polymer Science of the college on October 17, 2020.
- Attended the webinar on ‘Cyber Security Awareness: V’ organized by Automation and Digitization committee of the college on August 29, 2020.
- Participated in the webinar on ‘Challenges in Plastic Mould Manufacturing Operations & its Solutions’ organized by MSME Technology Centre, Bhiwadi, A Govt. of India Society on August 28-29, 2020.
- Participated in an online webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Reviewed a manuscript in International Journal of Adhesion and Adhesives (IJAA), Elsevier.
- Participated in the one-week National workshop on ‘Emerging Trends in Science & Technology: Issues in these Unprecedented Times’ organized by Shyam Lal College, University of Delhi from August 4-8, 2020.
- Attended the webinar on ‘Cyber Security Awareness: II’ organized by Automation and Digitization committee of the college on July 3, 2020.
- Attended the webinar on ‘Cyber Security Awareness: I’ organized by Automation and Digitization committee of the college held on June 23, 2020.
- Participated in a three-day online workshop on ‘The Digital Turn in Education: A New Pattern In Teaching-Learning Practices’ organized by Atma Ram Sanatan Dharam College, University of Delhi from June 20-22, 2020.
- Participated in a National level three-Day virtual Faculty Development Programme on ‘Moving to Master Science in Technology (MMST: 2020)’ organized by Freshmen Engineering Department, Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology, Vijayawada held from June 18-20, 2020.
- Participated in a faculty empowerment workshop on ‘Application of ICT tools in Higher Education’ jointly organized by Motilal Nehru College (Day) and Motilal Nehru College (Evening), University of Delhi from June 11-12, 2020.
- Attended the We Think Digital webinar on the topic ‘Cybercrime & Redressal’ on June 10, 2020.
- Participated in the Faculty Development Programmeon ‘Virtual Learning Creativity Tools organized by Rayat Institute of Management, Ropar Campus held on June 9, 2020.
- Participated in the International webinar Series on ‘Technological Trends for the Next Generation’ organized by the Department of Electronics of the college held during June 1- 5, 2020.

- Participated in the Faculty Development Programme on 'Virtual Learning Tools during Pandemic' organized by Rayat Group of Institutions, Ropar Campus on May 28, 2020.
- Participated in National Chem Webinar Series conducted by Department of Chemistry, Shyam Lal College, University of Delhi from May 26- 28, 2020.
- Participated in the webinar on 'Emerging Trends in E-Learning: Complete Classroom and Evaluation Process using Moodle LMS' organized by the Internal Quality Assurance Cell (IQAC) and Department of Botany, Swami Shraddhanand College, University of Delhi on May 18, 2020.
- Participated in two-day online faculty development programme on 'Understanding Google Classroom through Google Meet' organized by Automation and Digitization committee of the college held on May 13 -14, 2020.
- Participated in the webinar on '3D Printing: Materials and Applications' jointly organized by Departments of Food Technology and Polymer Science of the college on May 12, 2020.
- Participated in a three-day online Faculty Development Programme on 'Online Transaction of Courses with Moodle -LMS' organized by Automation and Digitization committee of the college on May 8-10, 2020.

Dr. Premlata Meena

- Organizing committee member in the workshop on 'My Bizzess: DST Sponsored Women Entrepreneurship Development Program' organized by Women Development cell of the college on January 16, 2021.
- Attended the webinar on 'Polymers for Electrical & Electronic Appliances' organized by the Department of Polymer Science of the college on December 29, 2020.
- Co-ordinator of the webinar on 'Growth & Opportunities in IPR' organized by the Training and Placement cell of the college on November 6, 2020.
- Organizing committee member in National webinar on 'Opportunities for Women in AtmaNirbhar Bharat' organized by Women Development cell of the college on the occasion of International Daughter's Day on September 26, 2020.
- Participated in the webinar on 'Challenges in Plastic Mould Manufacturing Operations & its Solutions' organized by MSME Technology Centre Bhiwadi, A Government of India Society, Ministry of Micro, Small and Medium Enterprises (MSME) on August 28-29, 2020.
- Sadhu, S. D., **Meena, P.L.**, Kumar, J., Gupta, J., Choudhary, S., & Gupta, A. (2020). Preparation and characterization of polyaniline and polythiophene-based copolymer and its nanocomposite suitable for electro-optical devices. *Polymer Composites*. 41(11), 4619-4630.

- Participated in the International webinar on ‘Shaping the Career for 5G Technologies’ organized by Department of Instrumentation of the college on July 15, 2020.
- Sadhu, S. D., Garg, M., & **Meena, P. L.** (2020). Cellulose Acetate/gelatin/Polyethylene Glycol Blend: Its Preparation, Characterization and Biodegradation. *International Journal of Research and Analytical Reviews*, 7(3), 484-490.
- **Meena, P.L.**, Choudhary, S., Juhi, & Sadhu, S. D. (2020). Importance of Packaging in Pharmaceutical Industries. *International Journal of Research and Analytical Reviews*, 7(2), 956-971.
- Participated in the Faculty Development Programme on ‘Virtual Learning Creativity Tools’ organized by Rayat Institute of Management, Ropar Campus on June 9, 2020.
- Participated in the two-week Faculty Development Programme on ‘Emerging Research Trends in Computer Science and IT’ organized by Bharti Vidyapeeth’s Institute of Computer Applications and Management, New Delhi during June 8-19, 2020.
- Participated in the one-week International webinar series on ‘Technological Trends for the Next Generation’ organized by Department of Electronics of the college from June 1-5, 2020.
- Attended a live International webinar on ‘How Huge is Nano’ organized by the Department of Physics of the college on May 29, 2020.
- Participated in two-day online Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in a three-day online Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.

Dr. Umesh Kumar

- Attended the webinar on ‘Indian Polymer Industry - Opportunities, Challenges & the Way Forward’ organized by the Department of Polymer Science held on October 10, 2020.
- Participated in the six-day webinar on ‘How to Become a Successful Entrepreneur – Atamnirbhar’ organized by School of Open Learning, University of Delhi during May 28-June 8, 2020.
- Received certificate of commitment for adopting the integrity pledge from Central Vigilance Commission.

DEPARTMENT OF ZOOLOGY

Departmental activities

- Organized three-day online annual festival ‘Zoosangam 2021’ from February 15-17, 2021.
- Organized a webinar on ‘Managing Mental Health and Promoting Mindfulness’ by Prof. Prerana Gupta, Department of Psychiatry, Teerthanker Mahaveer Medical College and Research Centre, Moradabad on November 17, 2020. Dr. Anil K. Bali was the convener and Dr. Alivia Roy, Dr. Reetuparna Basak, Dr. Anjali Saxena, Dr. Pallee Shree, Dr. Satyam Ravi Dwivedi, Dr. Amit Singh and Dr. Laljee Ram Meena were the coordinators of the event.
- Organized a webinar on ‘Don’t Hesitate: Vaccinate’ by Dr. Anurag Agarwal from Maulana Azad Medical College and Mr. Neeraj Mehta, CEO of ImmunifyMe on November 10, 2020. The event convener was Dr. Anil K. Bali and the coordinators were Dr. Alivia Roy, Dr. Reetuparna Basak, Dr. Anjali Saxena, Dr. Pallee Shree, Dr. Satyam Ravi Dwivedi, Dr. Amit Singh and Dr. Laljee Ram Meena.
- Organized a one-day educational trip to Department of Entomology, Indian Agricultural Research Institute, Pusa, Delhi to provide a deeper insight of this paper to the third year students on March 5, 2020.
- Organized career counselling session on ‘The Dilemma of Choosing a Career’ by Mr. Sanjeev Prasad, Ex- IFS Officer and Mr. Ratneesh Roy from Target Success Institute, in collaboration with the Career Counselling cell of the college on March 4, 2020.

Faculty achievements

Dr. Anil K. Bali

- Participated in online workshop on ‘Online Licensing and Open Educational Resources’ organized by Automation and Digitization committee of the college on October 28, 2020.
- Participated in International webinar on ‘A Short History of Solar Physics’ jointly organized by Departments of Physics and Instrumentation of the college on July 30, 2020.

Dr. Alivia Roy

- Participated in webinar on ‘Insight of Artificial Intelligence and its Functionalities’ organized by Department of Computer Science of the college on February 28, 2021.
- Participated in National webinar on ‘Opportunities for Women in Hospital and Healthcare Management’ organized by Women Development cell of the college on February 25, 2021.
- Participated in webinar on ‘Cancer Awareness for Women’ jointly organized by Department of Biomedical Science and Women Development cell of the college and Dr.

B.R. Ambedkar Centre for Biomedical Research (ACBR), University of Delhi on February 22, 2021.

- Participated in National webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Participated in International webinar on ‘Drug Development, its Challenges and Role of Nutrition in Immunboosting against COVID-19’ organized by Department of Zoology, Kalindi college, University of Delhi on May 20, 2020.
- Participated in National webinar on ‘Nutrition and Immunity- Simplified and Applied’ organized by Department of Food Technology of the college on May 19, 2020.
- Participated in two-day International webinar on ‘Prevalent Crisis triggered by the Covid-19 Pandemic and its Appraisal’ jointly organized by Departments of Chemistry and Biomedical Science of the college on May 18-19, 2020.
- Participated in webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by Department of Botany of the college on May 16, 2020.
- Participated in National webinar on ‘The Challenge of Personal and Social Being’ jointly organized by the college and Bhagini Nivedita College, University of Delhi on May 16, 2020.

Dr. Anjali Saxena

- Organizing committee member and co-chair during Annual International Conference ‘Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences’ by the Association of Microbiologists of India and Indian Network for Soil Contamination Research (INSCR) in association with The Energy and Resource Institute (TERI), Department of Zoology, University of Delhi, Indian Agricultural Research Institute (IARI) and Indian National Science Academy held from February 3-5, 2021.
- Participated in webinar on ‘Biosafety and Biosecurity’ a part of webinar series on ‘Covid 19 Pandemic: The Road Map to Recovery’ organized by Department of Microbiology of the college on June 25, 2020.
- Participated in webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Participated in webinar on ‘Cyber Crime and Redressal’ a part of ‘We Think Digital Webinar’ held on June 10, 2020.
- Participated in webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by Department of Botany of the college on May 16, 2020.

Dr. Laljee Ram Meena

- Participated in webinar on ‘Laser Gyroscope & Applications’ organized by Department of Physics of the college on February 23, 2021.
- Participated in webinar on ‘Neuronal Calcium Signaling and Homeostasis in Health and Disease-lessons from Model Organisms’ organized by Deen Dayal Upadhyaya College, University of Delhi and National Academy of Sciences, India on February 19, 2021.
- Participated in webinar on ‘Polymers for Electrical & Electronic Appliances’ organized by Department of Polymer Science of the college on December 29, 2020.
- Participated in International webinar on ‘Frustration and Physics’ organized by Department of Physics of the college on October 22, 2020.
- Participated in National webinar on ‘Career Opportunities in Indian Air Force’ organized by Career Counselling Cell of the college on August 27, 2020.
- Participated in National webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Participated in webinar on ‘Biosafety and Biosecurity’ a part of webinar series on ‘Covid 19 Pandemic: The Road Map to Recovery’ organized by Department of Microbiology of the college held on June 25, 2020.
- Participated in webinar on ‘Online Teaching Learning and Evaluation during COVID-19’ organized by Department of Computer Sciences, Government College, Narnaul, Haryana on June 19, 2020.
- Participated in National webinar on ‘Role of Chromosome in Plant Taxonomy’ organized by Department of Botany and Internal Quality Assurance Cell of Bhaskar Waman Thakur College of Science, Yashvant Keshav Patil College of Commerce, Vidhya Dayanand Patil College of Arts, VIVA College on June 15, 2020.
- Participated in National webinar on ‘Environmental Issues & Opportunities after COVID-19’ organized by Department of Chemistry and Geography, Govt. College, Rajgarh (Alwar), Rajasthan on June 14, 2020.
- Participated in International webinar on ‘Aatmnirbhar Bharat: Chanautiyan evam Samadhaan’ jointly organized by Department of Economics, Government Degree College, Bhojpur, Moradabad and NEEV on June 13, 2020.
- Participated in short term course on ‘Trends Prospects in Biorefinery’ organized by Department of Biotechnology, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab from June 10-14, 2020.
- Participated in National webinar on ‘The Role of Media and Technology during COVID-19: Issues, Prospects and Challenges’ organized by Alumni Relations Cell, Shivaji College, University of Delhi on June 9, 2020.

- Successfully completed online awareness quiz programme on ‘World Environmental Day–5 June 2020’ organized by Department of Zoology, Government Arts College, Tharumapuri, Tamil Nadu on June 6, 2020.
- Participated in National webinar on ‘Sustainability of Sustainable Development in Post-Covid-19 Scenario’ organized by University School of Law and Legal Studies, Guru Gobind Singh Indraprastha University, New Delhi on June 5, 2020.
- Participated in International webinar on ‘Technological Trends for the Next Generation’ organized by Department of Electronics of the college from June 1-5, 2020.
- Participated in National webinar on ‘Sanskrit for Computers and Computers for Sanskrit’ organized by Department of Computer Science of the college on May 29, 2020.
- Participated in National webinar on ‘Environmental Impacts of Covid-19 Pandemic: Challenges and Future Research’ organized by University School of Environment Management, Guru Gobind Singh Indraprastha University from May 27-June 1, 2020.
- Participated in webinar on ‘Understanding Lab Diagnosis of SARS-CoV-2 Infection’, a part of webinar series on ‘Covid 19 Pandemic: The Road Map to Recovery’ organized by Department of Microbiology of the college on May 21, 2020.
- Participated in International webinar on ‘Drug Development, its Challenges and Role of Nutrition in Immunboosting against COVID-19’ organized by Department of Zoology, Kalindi college, University of Delhi on May 20, 2020.
- Participated in National webinar on ‘Nutrition and Immunity- Simplified and Applied’ organized by Department of Food Technology of the college on May 19, 2020.
- Participated in webinar on ‘Cyber Security, Safety and Privacy in today’s Digital World’ organized by Kalindi College NCWEB, University of Delhi on May 17, 2020.

Dr. Pallee Shree

- Sodhi, K. K., Kumar, M., Balan, B., Dhaulaniya, A. S., **Shree, P.**, Sharma, N., & Singh, D. K. (2021). Perspectives on the antibiotic contamination, resistance, metabolomics, and systemic remediation. *SN Applied Sciences*, 3(2), 1-25.
- Participated in International webinar on ‘Drug Development, its Challenges and Role of Nutrition in Immunboosting against COVID-19’ organized by Department of Zoology, Kalindi college, University of Delhi on May 20, 2020.
- Participated in a two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in intercollege webinar on ‘3D Printing: Materials and Applications’ organized by the college on May 12, 2020.

Dr. Reetuparna Basak

- Coordinated a National webinar on ‘Career Opportunities in Indian Air Force’ organized by Career Counselling cell of the college on August 27, 2020.
- Participated in National webinar on ‘National Education Policy 2020: Futuristic Policy for New India’ organized by Vivekanand Vichar Manch of the college on August 25, 2020.
- Participated in National webinar on ‘Career Opportunities in Civil Services’ organized by Career Counselling Cell of the college on June 27, 2020.
- Participated in webinar on ‘Biosafety and Biosecurity’, a part of webinar series on ‘Covid 19 Pandemic: The Road Map to Recovery’ organized by Department of Microbiology of the college on June 25, 2020.
- Participated in National webinar on ‘Career Opportunities for Undergraduates’ organized by Career Counselling cell of the college on June 24, 2020.
- Participated in National webinar on ‘Botanical Secrets for Wellness: Clued from Nature’s Signature’ organized by Department of Botany of the college on May 16, 2020.
- Participated in a two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in a three-day online intercollege Faculty Development Programme on ‘Online Transaction of Courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in National webinar on ‘Revisiting well-being’ organized by Department of Human Communication of the college on May 6, 2020.

Dr. Satyam Ravi Dwivedi

- Co-ordinated and participated in the webinar on the topic ‘Ayurveda against Addiction: A Scientific Approach’ organized by Anti-Tobacco cell, Film club in association with Modern and Fine Arts club of the college on February 26, 2021.
- Mishra, G., Mishra, L.C., & Dwivedi, S.R. (2021). *Ecological Approaches to Pest Management*. Bioscientific Publisher.
- Participated in two-day workshop on ‘Design of Experiments (DOE), using Statistical Tools’ organized by Department of Botany of the college from November 6-7, 2020.
- Participated in four-day online Faculty Development Programme on ‘Innovation in Scientific Research Methods’ organized by Kirori Mal College, University of Delhi from October 14-18, 2020.

- Participated in workshop on ‘Science Academies Online Lecture Workshop on Frontiers in Science & Engineering - Opportunities for Graduates’ organized by Deen Dayal Upadhyaya College, University of Delhi from September 14-19, 2020.
- Participated in webinar on ‘Molecular Strategies to Combat COVID-19 Virus’ organized by Department of Microbiology of the college on July 15, 2020.
- Successfully completed a two-week Faculty Development Programme on ‘Advanced Concepts For Developing MOOCS’ organized by Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT-MHRD, Government of India, from July 2-17, 2020
- Participated in International webinar on ‘Origin of Universe: Scientific and Vedic Perspectives’ organized by Department of Physics of the college on June 12, 2020.
- Served as a facilitator in the online workshop ‘Gyanarohan’ jointly organized by Sri Aurobindo Society of U.P, Uttarakhand and Shahjahanpur from May 22-24, 2020.
- Participated in National webinar on ‘Ecological Revival during Pandemic’ organized by Department of Chemistry of the college on May 21, 2020.
- Participated in webinar on ‘Botanical Secrets for Wellness: Clues from Nature’s Signature’ organized by Department of Botany of the college on May 21, 2020.
- Coordinator for the National webinar on ‘The Challenge of Personal and Social Being’ jointly organized by the college and Bhagini Nivedita College, University of Delhi on May 16, 2020.
- Participated in a two-day online intercollege Faculty Development Programme on ‘Understanding Google Classroom’ organized by Automation and Digitization committee of the college from May 13-14, 2020.
- Participated in a three-day online intercollege Faculty Development Programme on ‘Online transaction of courses with Moodle-LMS’ organized by Automation and Digitization committee of the college from May 8-10, 2020.
- Participated in webinar on ‘How to Read Scientific Literature’ organized by IISER, Pune as a part of MANAV Human Atlas initiative held on May 8, 2020.
- Coordinator for the webinar ‘Revisiting Well-Being’ organized by Department of Human Communication of the college on May 6, 2020.

Student achievement

- Ms. Shreya Shakya of second year student was ranked fifth best in the college segment in the National Food Pyramid project organized by Indian Federation of Culinary Associations (IFCA) and Tagtaste Foods on August 5, 2020.

LIBRARY

Growth in Collection of the Library

Library has a collection of 27,068 volumes of books including reference books, 336 bound volumes of journals and 1,231 CDs/DVDs. Apart from the regular subscription to some journals, the library, this year, has renewed its subscription to N-LIST (National Library and Information Services Infrastructure for Scholarly Contents) programme of INFLIBNET. This has provided the facility to access a large number of e-resources to the students and staff throughout the year 24 x 7.

Footfall, Circulation and Overdue Charges (March 1, 2020 to February 28, 2021)

Library Footfall	1479
Library Circulation - Issue	259
Library Circulation - Returned	389
Collection of Overdue Charges	INR 750

Library Visitors

Following visitors visited the Library:

1. Mohd. Mohsin, and four members from School of Open Learning.
2. Dr. Rajesh Kumar, Moti Lal Nehru College (Eve.).
3. Dr. Renu Bala, Atma Ram Sanatan Dharm College.
4. Dr. S. K. Dhaka, Rajdhani College.
5. Dr. Sanjeev Kumar Sharma, Rajdhani College.

Future Plans

- ✓ Self check-in/ check-out system.
- ✓ Library Air conditioning System.

COLLEGE ACTIVITIES

(Activities Organized by Various Committees/Clubs/Cells)

ALUMNI COMMITTEE

(Convener: Dr. Vandana Batra)

The Alumni committee encourages the co-operation, participation and involvement of alumni by organizing alumni meet every year which promotes a meaningful dialogue and exchange of ideas between the college and its alumni for development of institute and placement.

The Alumni committee in association with Departments of Electronics, Department of Physics and Department of Instrumentation organized an Alumni Interaction session on February 19, 2021 on the topic ‘Alumni Interaction: Research Opportunities in Physical Science’. More than 100 students enthusiastically participated in the event.

This interaction was planned with an objective of reconnecting with the alumni as well as showcasing their success stories to inspire the students. The session helped students to get

enriched about the research opportunities in India as well as in other countries outside of India. Students got to know about different scholarships for proceeding research in different areas. Furthermore, alumni after sharing their experiences assured all kinds of help, support and cooperation for the betterment of the students and institute as whole. The session was completed successfully.

AUTOMATION AND DIGITIZATION COMMITTEE

(Convener: Dr. Avneesh Mittal)

- Facilitated uploading of e-resources provided by the faculty members on the college website.
- Organized a workshop on ‘Online Licensing and Open Educational Resources’ by Professor Savithri Singh, Country Lead, Creative Commons India Chapter and Principal (Retired), Acharya Narendra Dev College, University of Delhi on October 28, 2020 .
- Organized intracollege training programme for the non teaching staff on ‘Computer Literacy’ during September 26- October 9, 2020. Mr. Rajkumar, Dr. Sidhharth Sirohi, Dr. Partha Pal, Dr. Franky Varah and Dr. Pawan Dabas were the resource persons.
- Facilitated 23rd annual day of the college in an online live mode on September 8, 2020 via MS Teams Platform.
- The college was shifted to a dedicated platform of Microsoft Teams for online learning and teaching in the academic session 2020-21 w.e.f. August 10, 2020. All the faculty members and students were facilitated by their individual team id. Dr. Sidhharth Sirohi is the Nodal Officer for the same.
- Virtual training session was conducted through a webinar on ‘Start Remote Learning through Microsoft Teams’ by Mr. Kaushik Biswas and Mr. Azharuddin Gafoor Shaikh from V5 Global Services Pvt. Ltd. partner Microsoft Technologies on August 8, 2020.
- A series of five webinars on ‘Cyber Security Awareness’ were held on June 23, July 3, July 14, July 29 and August 29, 2020. Dr. Bhupendra Singh, Computer System Administrator, Indian Law Institute was the resource person for all these webinars.
- Virtual training session on ‘Teaching and Learning through Microsoft Teams’ was conducted by Mr. Bala from Microsoft Technologies on May 18, 2020.
- Two-day workshop on ‘Understanding the Google Classroom’ was organized for the college faculty on May 13-14, 2020. Dr. Inderbir Kaur of Department of Electronics of the college was the resource person for the workshop.
- Three-day workshop on ‘Online Transaction of Courses with Moodle- LMS’ was organized for the college faculty May 8-10, 2020. Dr. Nityanand Agasti, Assistant Professor, Department of Chemistry, Deen Dayal Upadhyaya College, University of Delhi was the resource person in the workshop.

CAREER COUNSELLING CELL**(Convener: Ms. Shweta Gupta)**

- An online career assessment test in collaboration with GUS Global Services, Pearl Academy and UPES for the final year students of college to help them choose a career which suits their aptitude, interest, personality, orientation and emotional quotient was organized during February 26-28, 2021.
- A National webinar on ‘Entrepreneurship’ was delivered by Mr. Ribhav Batra from Institute of Management Technology on September 20, 2020. All the participants were informed about the diverse start-ups and stimulated to put in their incessant efforts in becoming a successful Entrepreneur.
- On August 27, 2020, Wing Commander Sneha Singh from Indian Air Force delivered a National webinar on ‘Career Opportunities in Indian Air Force’. The Resource person had indeed elucidated the participants about the insights of preparation required for pursuing their career in this arena.
- Organized a National webinar on ‘Digital Marketing’ on July 30, 2020 by inviting Mr Mukesh Shukla from COIM Learning Management System. The participants were provided the information of various online platforms and digitally based communication tools required for digital marketing.
- Organized National webinar on ‘Career Options for Undergraduates’ by Mr. Gaurav Sharma, Managing Director and Senior Faculty, A.S.S Science Foundation in collaboration with the Department of Biomedical Science of the college on July 24, 2020.
- Organized National webinar on ‘Career Opportunities in Civil Services’ by Mr. Deepak Bansal, Indian Foreign Service, Ministry of External Affairs, Government of India on June 27, 2020.
- Organized career counselling session on ‘The Dilemma of Choosing a Career’ by Mr. Sanjeev Prasad, Ex- IFS Officer and Mr. Ratneesh Roy from Target Success Institute in collaboration with the Department of Zoology of the college on March 4, 2020.

EQUAL OPPORTUNITY CELL**(Convener: Dr. Vijaya Kumar Nalla)**

- Organized an online poster making competition on the topic ‘Technologies that helped Disabled and Elderly during COVID Lockdown Period’ in association with North East cell on National Science Day on February 28, 2021.
- Organised an online power point competition on the topic ‘Technologies during Lockdown Period: Innovations and Experiments’ in association with North East cell on February 27, 2021.

EXTRACURRICULAR ACTIVITY COMMITTEE**(Convener: Mr. Ramesh Kumar)**

- Organized an online live event of Music by singer Supranshu Khanna from the IRIS- The Sound Studio on January 23, 2021. Our college students also participated and gave their singing and dancing performances.
- Organized pledge (Integrity Pledge for Citizens and Integrity Pledge for Organizations) ceremony for all the faculty members and non-teaching staff on October 27, 2020 to observe the 'Vigilance Awareness Week' for October 27, 2020-November 2, 2020 on the theme 'Satark Bharat, Samriddh Bharat (Vigilant India, Prosperous India)'.
- Organized a webinar on 'Cyber Literacy' by Mr. Pushkar Yewalekar, cyber expert, Pune cyber cell, Maharashtra Police law enforcement India in collaboration with RAUNAKEIN, NGO on October 11, 2020.

Anti-Tobacco Cell**(Convener: Dr. Krishna Dutt)**

- Organized a talk 'Ayurveda Against Addiction: A Scientific Approach' by Vaidya Akshay Chauhan, Managing Director, Chauhan Ayurveda Pvt. Ltd., Noida in collaboration with Anti-tobacco Cell and Modern and Fine Arts Club on the occasion of 'National Science Day' on February 26, 2021.
- Organized a talk on the topic 'Choose Life, Not Tobacco: Tobacco Products Cause Cancer' in association with Anti-tobacco Cell on the occasion of 'World Cancer Day' by Dr. Anuj Kumar, Nodal Officer, National Tobacco Testing Laboratory (NTTL), Ministry of Health and Family Welfare on February 4, 2021.

Astronomy Club

- Organized webinar on 'Voyage into the Dark Side of the Universe' by Dr. Akshay Rana, Assistant Professor, St. Stephen's college, University of Delhi in collaboration with the Department of Physics of the college on February 26, 2021.

Dance Club**(Convener: Dr. Alivia Roy)**

- Neeraj Sharma of B.Sc. (H) Electronics second year, Kuldeep of B.Sc. (H) Electronics third year and Vidhi Jindal of B.Sc.(H) Biomedical Science first year gave dance performances after live performance of the guest singer in the online live musical event organized by ECA committee of the college on January 23, 2021.
- Organized an online solo inter-college dance competition 'Groove it' from November 1-9, 2020. Astika Anand from IGDTUW, Delhi secured the first position, Deepak Upadhyay from Motilal Nehru college, University of Delhi secured the second position and the third prize was obtained by Ayushi Goswami from VIPS, Delhi.
- Organized an online solo inter-college dance competition named 'Soul Rockers' from May 20-29, 2020. Bhavya Mehta from AIACTR, Delhi secured the first position; second position was secured by Michaelraj Nadar from Dombivali, Mumbai and third position

was achieved by Bidisha Halder of the Department of Biomedical Science of the college.

Debate Club

(Convener: Dr. Anjali Saxena)

- Organized an Inter College debate competition on ‘Who should be more Vigilant? State or the Citizen in a Democracy’ on November 2, 2020 to observe ‘Vigilance Week 2020’ in collaboration with Central Vigilance Commission of India. It was followed by a two hour long interactive session.
- Organised group discussion styled debate on the topic ‘Who is Responsible for this Perpetual Uncontrolled Scenario of Pandemic: Govt or Citizen?’ on May 22, 2020.

Dramatics Club

(Convener: Mr. Rakesh)

- Organized a theatre workshop on ‘Dramaturgy’ by Rohan Jha, Director, Writer, Actor, Stage and Theatre Artist on February 24, 2021.
- Organized ‘Navras’ an online monoact competition in May/June 2020. The competition required the portrayal of different lockdown stories through one emotion being held throughout the act.

Eco Club

(Convener: Dr. Franky Varah)

- Organized ‘Paper Recycling Workshop’ for the college students on February 25, 2021.
- Organized ‘Virtual Nature Walk at Aravalli Biodiversity Park’ in association with Bhaskaracharya Environmental and Sustainability Taskforce (BEST) of the college on February 3, 2021. Dr. Balwinder Kaur, Scientist from Aravalli Biodiversity Park guided the students and explained about the flora of the park.
- Organized a poster-making competition on the theme ‘Ozone for Life: 35 Years of Ozone Layer Protection’ in collaboration with the Department of Botany of the college to celebrate World Ozone Day 2020 on September 16, 2020.
- Organized a webinar on ‘Environmental Issues in the Midst of Covid-19’ by Dr. B. C. Sabata, Former Senior Scientific Officer, Department of Environment, Govt. of NCT of Delhi in collaboration with the Department of Chemistry of the college on September 10, 2020. The event was convened by Dr. Gunjan Sirohi.
- Organized an International webinar on ‘Epidemiology, Diagnostics and Therapeutic Approaches to Combat COVID-19’ on June 26, 2020. The speaker was Dr. Manoj K Bhasin, Director, Single Cell Biology Program at Aflac Cancer and Blood Disorders Center, Atlanta, U.S.A. Dr. Shvetambri and Dr. Franky Varah were the convener and co-convener, respectively and Dr. Avneesh Mittal was the coordinator of the webinar.
- Organized a webinar on ‘COVID 19: Impact on Environment and Social Change’ by Prof. Umesh Kulshrestha, Dean, School of Environmental Sciences, Jawaharlal Nehru University (JNU) and ‘Digital Nature’ photo competition to celebrate ‘World Environment Day’ on June 5, 2020.

Film Club

(Convener: Dr. Shailja Singh)

- Organized a talk ‘Ayurveda Against Addiction: A Scientific Approach’ by Vaidya Akshay Chauhan, Managing Director, Chauhan Ayurveda Pvt. Ltd., Noida in collaboration with Anti-tobacco Cell and Modern and Fine Arts Club on the occasion of ‘National Science Day’ on February 26, 2021. After the invited talk, a short film ‘The Surprising History of Tobacco’ was screened.
- Organized a talk on the topic ‘Choose Life, Not Tobacco: Tobacco Products Cause Cancer’ in association with Anti-tobacco Cell on the occasion of ‘World Cancer Day’ by Dr. Anuj Kumar, Nodal Officer, National Tobacco Testing Laboratory (NTTL), Ministry of Health and Family Welfare on February 4, 2021. After the invited talk, a short film ‘Indifference’ made by Mr. Rishabh Vashist, Department of Biomedical Science was screened.
- Organized an online meme making competition ‘Meme-O-Mania’ on the theme ‘When Science becomes Fun’ in the month of May 2020.

Modern and Fine Arts Club

(Convener: Dr. Prem Lata Meena)

- Organized a talk on ‘Ayurveda Against Addiction: A Scientific Approach’ by Vaidya Akshay Chauhan, Managing Director, Chauhan Ayurveda Pvt. Ltd., Noida in collaboration with the Anti-tobacco Cell and the Film Club of the college to celebrate the National Science Day on February 26, 2021. Organized poster making competition on the topic ‘Live it or burn it - Say No to Tobacco’. In this event, Mamta Gupta, Swati Kumari, and Vivek Gautam (Department of Polymer Science) won the first, second and third position, respectively
- On January 29, 2021, three members of the club Mr. Hardik Chawda (President), Mr. Adrija Sarkar (Vice President) and Ms. Palak Garg (Treasurer) attended a live chat session with the Soch Rangmanch, a Delhi based theatrical society.
- Organized an online Art/Poster Making competition on the theme ‘Republic India: Then vs Now’ on January 26, 2021. Ms. Shambhavi Geeta of first year of Department of Food Technology of the college won the first position in this competition.
- Organized an intercollege online Art competition on the theme ‘Daastaan-e-Lockdown’ on April 21, 2020. Ms. Sanjana from Ram Lal Anand College, University of Delhi won first position.

Literary Club

(Convener: Dr Satyawati)

- Organized an inter-college online competition ‘Switcher-Do’ on January 24, 2021. The first prize in the team category was awarded to Disha Saha of Institute of leadership entrepreneurship and development (ILEAD), Kolkata and Gitesh Pal of the college and second prize was bagged by Indrakshi Saha and Ayush Pramanik of Ilead, Kolkata. The first prize in the single category was awarded to Rupali Sindhu of Ram Lal Anand college, University of Delhi and second prize to Abhishek Prashant of the college

- Organized an inter-college online competition ‘Pauranik Khat’ letter to your favorite character from Ramayana on May 20, 2020. The first, second and third prize winners were Mansi Aggarwal of School of Open Learning, Riya Bhutan of Daulat Ram College, University of Delhi and Ramdev Raghav of the college, respectively.

Music**(Convener: Dr. Shubhra Barwa)**

- Organized a virtual Intra college music workshop on ‘Saransh: The Essence of Music’ on February 13, 2021.
- Arti Muralitharan, Harshita Sharma, and Pawan Gola performed after live performance of the guest singer in the online live musical event organized by ECA committee of the college on January 23, 2021.
- Organized an Inter-college online solo singing competition ‘Musicomania’ on November 14, 2020. Chetana Meena and Ravinder Singh of the college were declared the winners in Vocal and Instrumental categories, respectively.
- Organized an Intercollege online Solo singing competition ‘Musical Rhapsody’ on May 24, 2020. Neeraj Pandey of Shivaji college, University of Delhi and Gaurav Sharma of the college secured first and second position, respectively.

Photography Club**(Convener: Dr. Umesh Kumar)**

- Organized an online competition on ‘Snap Karona, Stop Corona’ and the theme was Indoor Photography held on May 21, 2020. The first, second and third winners were Niranjan Kanyal, Mradubhashini and Mohit Jindal, respectively.

Yoga Club**(Convener: Dr. Kapil Roy)**

- Organized a National webinar series on ‘Yoga for Modern Age’ by H. G. Keshav Murari Prabhu Ji, President, ISKCON, Rohini on February 24 and 26, 2021.
- Organized a poster making competition on the theme ‘Yoga: Healthy Body, Peaceful Mind’ on the occasion of Basant Panchami from February 16 -27, 2021.
- Organized an online hour-long practical Yoga session on ‘Yoga: Detoxing Mind, Body & Soul’ by Shri Naresh Garg and Shri Rajiv Bansal, Yoga instructors from Yog Vigyan Sansthan on the occasion of 6th International Yoga Day on June 21, 2020. It was followed by a lecture on ‘Practical Yoga for Modern Age’ by H. G. Amogh Lila Prabhu ji, Vice President, Shri Shri Rukmini Dwarkadish Temple (ISKCON), Dwarka.
- Organized a National webinar on ‘Rog Mein Yog’ by Dr. Annu Mudgal, N.D.D.Y., Naturopath & Yoga Practitioner on May 16, 2020.

GANDHIAN STUDY CENTRE**(Convener: Dr. Shivani G. Varmani)**

- A newsletter to commemorate Martyrs’ Day was released by Prof. P.C. Joshi, Vice Chancellor (Acting), University of Delhi; Prof. Suman Kundu, Director, South Campus

and Prof. Balaram Pani, Dean of Colleges, University of Delhi and Principal of the college on February 1, 2021

- Centre of the college was felicitated by Gandhi Bhawan, University of Delhi of the college for its outstanding performance in propagating the Gandhian values among the students under three categories on October 2, 2020 - Principal of college (Prof. Balaram Pani), Convener (Dr. Shivani G Varmani) and Student representative (Shishir of B.Sc. H Instrumentation).
- Organized a Yoga-cum-meditation programme on ‘Change your Mind, Change your Life’ on World Mental Health day by Dr. Praveen Saroha, Director, Physical education, Netaji Subhas University of Technology in association with Department of Biomedical Science of the college on October 10, 2020.
- Organized the informal sessions of yoga ‘Journey of Transformation – The Yogic Way’ by Dr. Praveen Saroha, Director, Physical education, Netaji Subhas University of Technology for more than four months from July 8, 2020. ‘Satsangati’, a group on WhatsApp has been created to share concerns and experiences.
- Organized an outreach activity of five day by organizing practical yoga sessions on ‘Gandhi ji aur yog, yog se mitaye rog’ with Dr. Praveen Saroha, Director, Physical education, Netaji Subhas University of Technology from July 3-7, 2020.
- Organized webinar on ‘महात्मा गांधी की जीवनशक्ति और वर्तमान चुनौतियाँ’ in collaboration with Sri Aurobindo college (evening) by Prof. Girishwar Mishra, Ex VC, Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya on April 25, 2020.
- In the pandemic crisis, e-material was developed and shared on various platforms in March 2020 in order to motivate people to go back to nature. A list of simple actionables was prepared like doing regular exercise, eating natural food, resting and relaxing, staying positive, etc.

GARDEN COMMITTEE

(Convener: Dr. Meenakshi Garg)

- Organized second plantation drive in which 850 plants including 50 ashvgandha, 50 lemon grass, 50 ajwain, 20 karri patta, 10 tulsi, 150 mehndi, 50 marwa, 5 giloy and 10 harar were planted in college garden on August 5, 2020. .
- Organized first plantation drive in which saplings of 1000 plants like Tulsi, Mehndi, Arjun, Palash, Giloy, Raat ki Rani, Kari Patta, Shami, Amla, Naag Daman, Hershingar etc. were planted in the college premises on July 17, 2020.
- Minor project ‘Establishment of herbal garden’ sanctioned by Ministry of Ayush

GENDER SENSITIZATION COMMITTEE

(Convener: Dr. Rizwana)

- Organized an Inter-College Poster making competition on the topic ‘Domestic Abuse: Silence Hides Violence, Speak Up’ on February 4, 2021.

- Organized an Essay writing competition on the topic ‘Gender Sensitization: How to Change the Mindset’ to select Gender champions on January 30, 2021.

NATIONAL SERVICE SCHEME

(Convener: Dr. Amit Kumar from August 10, 2020 onwards; Dr. Neeru Sharma till August 9, 2020)

- Celebrated vigilance awareness week from October 27-November 2, 2020 by encouraging college students and others to participate in an online pledge campaign by Central vigilance commission, Government of India.
- Facilitated online marathon programme by Youth for Seva NGO with the aim to reach and encourage social belongings in youth population amid Covid-19 pandemic from October 15 - November 16, 2020.
- Organized National symposium on ‘Exploring Young Minds for Holistic Development’ and published the abstract proceedings for the event on October 2, 2020.
- Organized a webinar on ‘Learning in Lockdown 4.0’ (three days learning sessions): Positive Thinker by Mr. Ayush Gupta, Software Engineer, Google in collaboration with Department of Instrumentation of the college from June 4-12, 2020.
- Organized a webinar on ‘Learning in Lockdown 3.0’ (five days learning sessions): Stay High Forever by Knowing the Self by Mr. Ayush Gupta, Software Engineer, Google in collaboration with Department of Instrumentation of the college from May 14-31, 2020.
- Organized a webinar on ‘Learning in Lockdown 2.0’ (three days learning sessions) by Mr. Ayush Gupta, Software Engineer, Google in collaboration with the Department of Instrumentation of the college from May 4-10, 2020.
- The NSS volunteers encouraged the students of the college to download the Aarogya Setu App through posters.
- The NSS volunteers also requested the people to stay home and maintain social distance through posters and messages. A poster depicting the same message was prepared by them.
- A WhatsApp group of NSS Cell of the college was very active in circulating all the updates and information about Corona. The information was circulated within the group and forwarded as well.

NORTH EAST CELL

(Convener: Dr. Saroj Kr Shukla)

- Organized an online poster making competition on the topic ‘Technologies that helped Disabled and Elderly during COVID Lockdown Period’ in association with Equal Opportunity cell on National Science Day on February 28, 2021.
- A power point competition on the topic ‘Technologies during Lockdown Period: Innovations and Experiments’ was held online in association with Equal Opportunity Cell

on February 27, 2021. Students shared various online tools and innovative technologies that were used during COVID lockdown period through power point presentation.

- Organized a webinar on ‘Reflections on Entrepreneurship Development and North East India’ by Dr. Kennedy Singh, Assistant Professor, Department of Anthropology, University of Delhi on October 8, 2020.

RESEARCH AND PROJECT ASSESSMENT COMMITTEE

(Convener: Dr. Uma Dhawan)

- Organized a talk on ‘Enabling Ethical Reuse of Online Content - Through Licensing’ by Prof. Savithri Singh, Country Lead, Creative Commons India Chapter and Principal (Retired), Acharya Narendra Dev College, University of Delhi, New Delhi under International Webinar Series on ‘Research Integrity and Ethics: An Outreach Program to Promote Research Ethics’ on February 17, 2021.
- Organized a talk on ‘Ctrl+C and Ctrl+V the Copy-Paste Method: Its Use and Misuse’ by Prof. S. Ramachandran, Senior Principal Scientist, CSIR-IGIB, New Delhi as part of International Webinar Series on ‘Research Integrity and Ethics: An Outreach Program to Promote Research Ethics’ on January 29, 2021.
- Organized a talk on ‘Research Integrity in the Digital Era: Advantages, Problems, Consequences & Remedies’ by Prof. Dwaipayan Bharadwaj, Systems Genomics Laboratory, School of Biotechnology, Jawaharlal Nehru University, New Delhi as part of International Webinar Series on ‘Research Integrity and Ethics: An Outreach Program to Promote Research Ethics’ on November 28, 2020.
- Organized International webinar Series on ‘Research Integrity and Ethics: An Outreach Program to Promote Research Ethics’ on October 24, 2020. The keynote address was given by Prof. Ved Prakash, Former Chairman, UGC, MHRD, Government of India and the inaugural talk on ‘Ethics in Research’ was given by Prof. Daman Saluja, Director, ACBR, University of Delhi.

SPORTS COMMITTEE

(Convener: Dr. Sidhharth Sirohi)

- Organized webinar on ‘Being Healthy’ by Dr. Dhananjay Shaw and Dr. Vijay by Department of Physical Education of the college in association with Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on June 9, 2020.
- Organized a webinar on ‘Obesity Management’ by Dr. Dhananjay Shaw and Dr. Vijay by Department of Physical Education of the college in association with Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi on May 29, 2020.

STUDENT ADVISORY AND PR COMMITTEE

(Convener: Dr. Sangeeta Srivastava)

- Facilitated campus darshan for first year students organized by all departments of the college from February 16-28, 2021 in which some students came to college and interacted with faculty in offline mode.
- Facilitated Orientation Day organized by all the departments of the college in online mode on November 16-17, 2020.
- Organized a webinar on career opportunities for the college students in collaboration with the Department of Computer Science on October 22, 2020.
- Addressed more than 180 grievances received during the undergraduate admissions 2020-2021 phase.
- Facilitated the process of fee concession and sixty-eight eligible students were recommended for the same.
- Facilitation of elections of class representatives of each class.

SWACHHTA AND WASTE MANAGEMENT COMMITTEE

(Convener: Dr. Anand Bharadvaja)

- Organized a webinar on 'E-Waste Management -A Commitment for Green Earth' by Ms. Richa Vashistha, Manager of E-waste Recyclers India in collaboration with Annual Maintenance committee of the college on November 25, 2020.
- Organized an awareness workshop on 'Pledge against Single Use Plastics' conducted by 'Chintan Environmental Research and Action Group' on March 2, 2020.

TRAINING AND PLACEMENT CELL

(Convener: Dr. Susmita Dey Sadhu)

- Organized a lecture on Career Counselling 'Growth and Opportunities in IPR' by Ms. Ragini, Assistant Controller of Patents and Designs on November 6, 2020.
- Facilitated joining of college students for training with stipend in various companies through Internshala.

VIVEKANANDA VICHAR MANCH

(Convener: Ms. Manu Kataria)

- Organized webinar on 'National Education Policy 2020: Futuristic Policy for New India' on August 25, 2020.
- Organized International webinar on 'Artificial Intelligence: Societal Implications of Thinking Machines' on June 22, 2020.

WOMEN DEVELOPMENT CELL

(Convener: Dr. Geeta Mongia)

- Organized a National webinar on ‘Opportunities for Women in Hospital and Healthcare Management’ by Prof. Divya Aggarwal and Prof. Anandhi Ramachandran, International Institute of Health Management and Research (IIHMR) on February 25, 2021.
- Organized a National webinar in public interest to commemorate World Cancer Day on ‘Cancer Awareness for Women’ in collaboration with Department of Biomedical Science of the college, Dr. B.R. Ambedkar Center for Biomedical Research (ACBR), University of Delhi and Manipal Hospitals, Dwarka on February 22, 2021.
- Organized a workshop on ‘My Bizzness: DST Sponsored-Women Entrepreneurship Development Program’ by Mr. Ashish Jain, CEO, JSS Incubator on January 16, 2021.
- Organized a ‘Breast Cancer Awareness Programme’ in collaboration with Department of Biomedical Science of the college and Manipal Hospitals, Dwarka on October 17, 2020.
- Organized a National webinar on ‘Opportunities for Women in AtmaNirbhar Bharat’ by Mr. Rashmi Ranjan, Founder -UDDAN and Certified Trainer & Consultant on September 26, 2020.
- Organized a National webinar on ‘Cyber Crime against Women and its Redressal’ in collaboration with National Commission for Women, Cyber Peace Foundation and Facebook for ‘We Think Digital - Digital Shakti 2.0’ on June 10, 2020.
- Celebrated International Women’s Day ‘नारीUtsav’20’ on March 6, 2020. The cell invited many eminent personalities such as Dr. Rajul L Desai (Member, National Commission for Women) and Mrs. Nayna Sahasrabuddhe (Vice President, Bhartiya Stree Shakti). The program included a number of intercollegiate competitions for students such as extempore, poster making, rangoli making, and slogan writing competition.

Glimpses of the College Events 2020-2021

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Sector-2, Dwarka, New Delhi-110075
Under the aegis of IQAC and Star College Scheme
(Accredited 'A' Grade by NAAC)

Equal Opportunity Cell and North East Cell
Celebrating National Science Day
Gives students an unique opportunity to present your creative use of COVID lockdown period

Title of the Competition
"Technologies during lockdown period: innovations and experiments"

Date: 27-2-2021
Time:
2:30 pm- 4:30 pm

Rules of the competition:
1. Registration is compulsory
2. Presentations should be done using power point slides.
3. Maximum time for presentation is 5 minutes.
4. Content should be original supported with proofs.
5. Every participant required to submit proofs.

Registration Link:
<https://forms.gle/7kNhMqjW4qjWFG6>

For queries please contact:
Dr. Salim Sona (9990626535)
Dr. S. Abbas
Dr. Anand Bharadwaj
Conveners
Dr. N. Vijay Kumar
Dr. S. K. Shukla

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
(UNIVERSITY OF DELHI)
ACCREDITED 'A' GRADE BY NAAC & STAR COLLEGE STATUS BY DBT

THE ALUMNI COMMITTEE
IN ASSOCIATION WITH
DEPARTMENT OF PHYSICS, ELECTRONICS AND INSTRUMENTATION
(Under the aegis of IQAC and DBT Star College Scheme)

ORGANISERS

ALUMNI INTERACTION: OPPORTUNITIES FOR RESEARCH IN PHYSICAL SCIENCES

PHYSICS
DR. DEEPAK SHARMA (2012)
MS. CHARU CARG (2013)
DR. NAMRATA PANT (2015)
MR. KAUSTAV MUKHERJEE (2016)

ELECTRONICS
MS. SAKSHI SHARMA (2012)
MS. DIVYA KARWAL (2012)
MR. NISHANT (2018)

INSTRUMENTATION
MR. MANISH (2017)
MR. NISHANT (2018)

**Winners to get attractive
Certificates to all
participants**

(E-CERTIFICATE FOR ALL THE PARTICIPANTS)

CLICK HERE FOR REGISTRATION

DATE - FEB.19.2021 **TIME - 4:00 P.M.** **PLATFORM - MICROSOFT TEAMS**

PROF. BALARAM PANI **(PRINCIPAL)** **CONVENERS** DR. RUCHI GULATI BATRA
DR. INDERBIR KAUR
DR. ANAND BHARADWAJ
DR. AVNEESH MITTAL

COORDINATORS MS. SHWETA DUA
DR. HERENDRA KUMAR

CLICK HERE TO JOIN

Bhaskaracharya College of Applied Sciences
(UNIVERSITY OF DELHI)
Sector-2, Phase-1, Dwarka, New Delhi-110075
Accredited 'A' grade by NAAC & Star College Status by DBT

CAREER COUNSELLING CELL
(Under the aegis of IQAC and DBT Star College Scheme)

In collaboration with
SUBHAL SERVICES
Pearl Academy
organizes

An Online Career Assessment Test
INSIGHT

February 26-28, 2021

Only BCAS final year students can apply
 Free Registration at <http://2NHi15a>
 Last Date of Registration: February 25, 2021

Patron (Principal) Prof. Balaram Pani Coordinator Ms. Shweta Gupta Co-coordinator Dr. Sampat Singh

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Sector-2, Phase-1, Dwarka, New Delhi-110075
NAC Accredited 'A' Grade and DBT STAR College

Eco Club and Bhaskaracharya Environmental and Sustainability Taskforce (EEST)

Virtual Nature Walk at Aravali Biodiversity Park
On 3rd February 2021 at 11:30 am via Microsoft Teams
Scientist from Aravali Biodiversity Park, Vasant Kunj will be the Virtual Nature Walk Guide.

Link to join: <https://fb.gu/c5yj1>

Prof. Balaram Pani (Patron)
Dr. Farzly Vergh (Convener)

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
(UNIVERSITY OF DELHI)
Sector-2, Phase-1, Dwarka, New Delhi-110075

WOMEN DEVELOPMENT CELL
(under the aegis of IQAC)
presents
तात्त्विक सामाजिक सम्बोधन
March 6, 2020
Times: 10:00 am Venue: AV ROOM

Distinguished Speakers
Dr. Rajni L. Desai
Member, National Commission
for Women
Mrs. Nayna Sahasrabuddhe
Chairperson, Bharatiya
Street Shakti

Competitive Events
• Extravaganza
• Rangoli Making
• Quiz
• Fun Games (Stapoo,
Bhagat, Ludo, etc.)
Register at the link here or scan code:
<https://qr.ae/page-link/qRvWl>

Sponsored by: BHMR
For more question contact:
Dr. Geeta Mongia
Dr. Ruchi Gulati Marwah
Co-convener

NATIONAL SYMPOSIUM ON EXPLORING YOUNG MINDS FOR HOLISTIC DEVELOPMENT

PARTICIPANT AGE: 13-19 YEARS ON 03-09-2020 **EVENT ON SATURDAY SEPT. 5, 2020 AT 11:00 AM ON GOOGLE MEET**

Participants will have an opportunity to present their ideas on Google Meet. Certificates of Presentation and Participation will be distributed on registered email within 12 days of the event. Organizers intend to publish handbook preceding for the event after peer review of submitted scripts.

Inspired by:
"The ignited minds of the youth is the most powerful resource on earth."
Dr. A P J ABDULKALAM

Dr. Amit Kumar NSS Programme Officer
Prof. Balaram Pani Principal & Patron
Bhaskaracharya College of Applied Sciences (University of Delhi)
Sector-2, Dwarka, New Delhi-110075
www.bcas.du.ac.in
symposium.bcas@gmail.com

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
(UNIVERSITY OF DELHI)

ECA COMMITTEE
(Under the aegis of IQAC)

ORGANIZING LIVE EVENT

JAN 23 2021

LIVE • 2PM

<https://youtu.be/WYJN74NlU>

Principal Prof. Balaram Pani

SUPRANSHU KHANNA

3M+ Views

@supranchh.khanna

IRIS

ECA convener Dr. Ramesh Kumar

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Sector-2, Phase-1, Dwarka, New Delhi-110075
Accredited 'A' Grade by NAAC Star College Status by DBT

YOGA Club presents National Webinar Series

Yoga for the Modern Age

Session 1: 24 February 2021
Session 2: 26 February 2021

Timing: 9:00am-12:00noon

Speaker:
H.G. Keshav Murari Prabhu Ji (President, ISCON Rohini)

Dr. Smiti Gupta (Member, Yoga Club)
Dr. Kapil Roy (Convener, Yoga Club)
Dr. Ramesh Kumar (Convener, ECA)
Prof. Balaram Pani (Principal, BCAAS, DU)

Click to Register <http://bit.ly/2qgq4fB>
Click to Join <https://meet.google.com/bpw-cxdu>

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
(University of Delhi)
Sector-2, Phase-1, Dwarka, New Delhi-110075

Placement cell
(Under the aegis of IQAC)

Register here: <https://forms.gle/mnflow9FaLT8QEMr9>

***certificates to the participants**

"Growth and Opportunity in IPR"
6th November, 2020 (Friday)

11:00 AM onwards

Invited Speaker: Ms. Ragini, Assistant Controller of Patents and Designs
* All are cordially invited

Dr. Balaram Pani **Dr. Sumita Dey Sadhu** **Dr. Prem Lata Meena**

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Sector-2, Phase-1, Dwarka, New Delhi-110075

Gender Sensitization Committee
is organizing
Inter-College Poster Making Competition

Topic: "Domestic Abuse: Silence Hides Violence, Speak Up"

For registration: <http://www.bcas.du.ac.in>

Rules:

- Date of commencement is 21st January 2022
- Competition is open only to undergraduate students and only one entry per student.
- Each poster should be in A3 size (914 mm x 640 mm) and A3 size sheet preferable.
- Work should be original with the name of the Participant and contact information.
- Entries in JPEG/PDF format should be submitted to gscommittee@bcas.du.ac.in

Submission Deadline: 04/02/2021

*** Note: E-certificates will be given to all winners.**
For any certificates mail to: gsccommittee@gmail.com

Chairman Dr. Bireesh (Academic Professor)
Convener Prof. Balaram Pani (Principal)

Chairman Dr. P. S. Bhagat (Academic Professor)
Convener Dr. Gurumayi Suri Sharma (Academic Professor)

Bhaskaracharya College of Applied Sciences
(University of Delhi)

Vivekanand Vichar Manch and Literary Committee
under aegis of IUC

Announces a National Webinar
On
NEP 2020: Futuristic policy for New India

Entered Speakers

Shri Milind Marathe
Social Worker & Associate Professor, Dept. of Electronics.
K. J. Somaiya College of Engineering, Mumbai
25th Aug, 2020 at 4:00 PM
Through Google meet + certificates for all participants

Dr. Balaram Pani (Chairperson)
Ms. Manu Karia (Convener)
Dr. Avneesh Mittal (Coordinator)

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Sector-2, Phase-1, Dwarka, New Delhi-110075
N.A.C 'A' Grade Accredited

Anti-Tobacco Cell, Film Club
is organizing with
Modern Film Arts Club
(Under the aegis of IQAC)

ORGANIZATION OF NATIONAL SCIENCE DAY

AYURVEDA AGAINST ADDICTION: A SCIENTIFIC APPROACH

Speaker: Vaidya Ashok Chauhan, Managing Director, Chaitanya Ayurveda Pvt. Ltd, Noida
20th February, 2021 (Friday), 3:00-4:30 PM

The key highlights of the event are:

- Screening of a short film "The Surprising History of Tobacco" by the Film Club
- Easy Writing Competition on the topic "Ban of Tobacco Consumption" by Modern and Fine Arts Club
- Easy Writing Competition on the topic "Live it or Die - Say No to Tobacco" by Modern and Fine Arts Club

Easy Writing Competition, Poster-making competition

Note: Feedback link will be shared with the registered participants only.

Prof. Balaram Pani (Convener)
Dr. Bhavesh Khandelwal, Asst. Prof. of English, Modern and Fine Arts Club
Dr. Avneesh Mittal, Prof. of English, Modern and Fine Arts Club
Dr. Shreya Singh, Prof. of English, Modern and Fine Arts Club
Mr. Rakesh Vaidya, President, Prof. of English, Modern and Fine Arts Club
Ms. Kavita Sharma, Member, Anti-Tobacco Cell

Online Platform: Microsoft Teams
Participants in the participants

Bhaskaracharya College of Applied Sciences
(University of Delhi)
Sector-2, Phase-1, Dwarka, New Delhi-110075
NAAC 'A' Grade Accredited

Information and Digitization Committee
(Under the aegis of IQAC)

present
a series of webinars at Google Meet on

Cyber Security Awareness
by

Dr. Bhoopender Singh
Computer Systems Administrator, Indian Law Institute

Part-1, June 23, 2020 at 2:00 p.m.

Organizing Team
Dr. Balaram Pani
Chairperson

Dr. Avneesh Mittal **Dr. Sudharkar Sirohi** **Ms. Aarti Malyan**

Online Platform: Microsoft Teams
Convener and members of the A&D committee

Feedback

Compiled and edited by:

Dr. Rizwana, Dr. Inderbir Kaur, Dr. Sujata Bharadwaj, Dr. Ruchi Gulati Marwah, Dr. Kapil Roy, Dr. Neeru Bhagat, Dr. Shailja Singh, Dr. Alivia Roy, Mr. Rakesh, Mr. Shani Kumar, Dr. Sakshi Khurana, Dr. Julie Thakur, Dr. Umesh Kumar, Ms. Seema, Dr. Vijay Kumar, Dr. Herendra Kumar, Dr. Pawan Dabas, Dr. Meetu Luthra (Co-convener) and Dr. Purnima Anand (Convener)

Released on the occasion of
24th ANNUAL DAY & PRIZE DISTRIBUTION FUNCTION

October 9, 2021

Chief Guest

Prof. P. C. Joshi

Pro Vice Chancellor
University of Delhi

Guests of Honor

Prof. Suman Kundu

Director
University of Delhi South Campus

Dr. Vikas Gupta

Registrar
University of Delhi

Function presided by

Prof. Subho Mozumdar

Chairman, Governing Body

Bhaskaracharya College of Applied Sciences is a premier co-educational, constituent college of University of Delhi, fully funded by Government of NCT, Delhi. Established in 1995, it was named so to commemorate Bhaskara II, a leading mathematician of the 12th century. It is an institute of effective education, learning and character building. The college has a sprawling campus built over eight acres of land with lush green surroundings and big playgrounds. It has a great infrastructure with well-equipped laboratories, resourceful and expansive library, classrooms equipped with modern LCD projectors, an Audio-Visual room, a Conference room and an Amphitheatre for academic, co-curricular and extra-curricular activities. The college embraces inclusivity and equitability as its guiding principles. We take pride in having a differently-abled friendly campus with new ramps and special washrooms added to the building.

We at the college believe that 'the proper use of science is not to conquer nature but to live in harmony with it' and thus have facilities for rain-water harvesting, waste management, solar energy powered campus lights, a paper recycling unit and lush green gardens surrounding the entire campus. An open gym is the new addition to these facilities. The college invites all students irrespective of gender, caste, religion and physical challenges to make us a rich and varied community. In choosing main course of study from 11 streams and elective courses from 15 streams, students are able to effectively pursue their interests and aptitudes. Apart from this, each individual is encouraged to step beyond the confines of academic disciplines to explore their varied interests. Thus, under the umbrella of various committees, cells and clubs, we provide holistic training by catering to physical, emotional, social, spiritual and mental well-being of our students. These activities make them conscious towards the environment as well as the society.

The key to success of our college is harmonious collaboration of all individuals with a clearly defined vision executed meticulously over time through sheer hard work and perseverance. This academic year has again witnessed our students advancing towards various curricular and extra-curricular pursuits and have brought laurels to their alma mater. This report highlights the glimpses of all such achievements and endeavors. The college takes pride in its past achievements and looks up to the future with great hope and determination. Each and every stakeholder of Bhaskaracharya family strives towards excellence and will continue to make indefatigable efforts to take our institution and our nation to yet greater heights.

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES

UNIVERSITY OF DELHI

SECTOR-2, PHASE-1, DWARKA, NEW DELHI-110075

Phone: 011 25087597; Fax: 011 25081015

E-mail: bhaskaracharya.college@bcas.du.ac.in

Website: <http://bcas.du.ac.in>