



BHASKARACHARYA COLLEGE OF APPLIED SCIENCES (University of Delhi)

ANNUAL REPORT 2024 - 25



NAAC Re-accredited 'A++'

Star College Status - DBT || NIRF College 2025 Rank - 45

BCAS at a Glance



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PRINCIPAL'S REPORT

28th Annual Report



“विद्या ददाति विनयं, विनयाद् याति पात्रताम्।
पात्रत्वात् धनमाप्नोति, धनात् धर्मं ततः सुखम्॥”

भावार्थ: विद्या विनम्रता देती है, विनम्रता से योग्यता आती है, योग्यता से धन आता है, और धन से धर्म (सही आचरण/धार्मिकता) आता है, जिससे अंततः सुख प्राप्त होता है।

It is with immense pride that I present the Annual Report for the academic session 2024–25 of Bhaskaracharya College of Applied Sciences. Since its establishment in October 1995, the college has remained committed to nurturing intellectual curiosity, academic excellence, and value-based education, carrying forward the legacy of the great mathematician Bhaskaracharya. Today, the college offers eleven Honours programmes in diverse scientific disciplines and serves the aspirations of over 1500 students mentored by experienced and accomplished faculty members.

This year, the college expanded its collaborative ecosystem by establishing and sustaining **16 active Memoranda of Understanding (MoUs)** with reputed academic institutions, research organizations, industries, and social foundations across India and abroad. These partnerships enriched our academic environment, widened research horizons, and equipped students with future-ready skills. They also supported green campus initiatives, including solar lighting, paper recycling, biomedical waste management, and other eco-friendly practices that promote sustainability.

The research ecosystem of the college grew significantly during 2024–25. Currently, **nine extramurally funded projects** supported by reputed agencies such as SERB-DST, ICMR, AICTE, and MSME are in progress, with sanctioned grants amounting to nearly **₹75 lakhs**. Faculty members published **62 peer-reviewed research papers, 8 books, 18 book chapters, and 12 conference proceedings**, demonstrating the depth and diversity of academic inquiry across

departments. In addition, **2 patents** were granted in the domains of food technological sciences, and polymer chemistry, underscoring the college's strong culture of innovation and translational research.

The research culture of our college grew significantly during 2024–25. Currently, **seven extramurally funded projects** supported by agencies such as SERB-DST, ICMR, AICTE, and MSME are in progress, with sanctioned grants of nearly ₹60 lakhs. Faculty members published **59 peer-reviewed research papers, 6 books, 17 book chapters, and 15 conference proceedings**, demonstrating the depth of scholarly work across disciplines. In addition, **two patents** were filed or granted in food technology, polymer science, electronic science and instrumentation, highlighting our strong culture of innovation and translational research.

The year was marked by several milestones in faculty and staff recognition. Two faculty members were promoted to the rank of **Professor**, and one to **AL12 scale**, while three non-teaching staff members received **MACP financial upgradation**.

- **Dr. Shikha Srivastava** was certified as a **Master Trainer in Indian Knowledge Systems** by the Ministry of Education.
- A MOOC titled *Environmental Pollution and Human Health*, developed by **Dr. Neha Singh** (in collaboration with Dr. Tejpal Singh, Central University of Haryana), won the **Best MOOC Award** at the 26th CEC-UGC Educational Film Festival.
- **Dr. Amandeep Kaur**, Convener of the Eco Club, led a **30-Day Environmental Challenge** in collaboration with the National EduTrust of India, witnessing enthusiastic student participation.

Our library continues to be a cornerstone of learning, with **27,906** volumes of books, **350** bound Journal volumes and several CDs/DVDs. The subscription to the N-LIST programme of INFLIBNET was renewed, providing 24×7 access to e-resources. To enhance usage, the Library Committee organized a **Library Resources Awareness Program** (7–9 October 2024), training first-year students in KOHA software, N-LIST, and digital tools.

The college received recognition from several organizations for its community engagement:

- **Dadhichi Deh Daan Samiti** for promoting organ donation,
- **Sant Nirankari Charitable Foundation** for participation in the Yamuna River Cleaning Campaign,
- **Delhi State AIDS Control Society**, which felicitated the **Red Ribbon Club** on World AIDS Day.

The college also co-hosted an **Online Faculty Development Programme** on *NEP Orientation and Sensitization* with UGC-MM TTC and Catholicate College, Kottayam, featuring 16 distinguished speakers.

Our **NCC Unit** achieved notable progress. The College's CTO was elevated to the rank of **Lieutenant (Associate NCC Officer)**, two new cadet batches were recruited (22 and 18 cadets), and four cadets were conferred ranks on 30 April 2024.

A landmark initiative this year was the establishment of the **Delhi University Skill Center at our college**, focusing on the **Centre for Molecular Diagnostics** and the **Centre for Precision Gene Cloning and Protein Purification (CLONEPURE)**. Aligned with NEP 2020, Skill India Mission, and Atmanirbhar Bharat, the Centre will train students in molecular diagnostics, precision gene cloning, and protein purification—crucial areas for healthcare, therapeutics, and bio-entrepreneurship. Led by **Dr. Purnima Anand** and **Prof. Uma Chaudhry**, the Centre will offer skill-based courses, workshops, and certificate programmes, operating on a self-sustaining model through training, consultancy, and partnerships. This initiative will significantly boost employability, industry-academia linkages, and future-ready biotechnology research.

Infrastructure received a major push with new **air-conditioning units, computers, and printers** installed in laboratories, classrooms, and offices, supported by partner banks. These upgrades have created a technologically advanced and comfortable academic environment.

The **Governing Body** extended its support by approving a **₹1.75 crore allocation** for infrastructure enhancement, empowering us to modernize labs and learning spaces for future growth.

The **Distinguished Alumni Awards** honoured four alumni for their exemplary contributions:

- **Dr. Meetal Singh** – Academics and Research
- **Mr. Abhishek Das** – Corporate and Industry
- **Ms. Neha Yadav** – Government and Defence
- **Ms. Chetna Beniwal** – Public Administration

Sh. Shyam Lal Memorial award for Best student in the male category (2023–24) was awarded to **Mr. Shashwat S. Nair** of B.Sc. (H) Microbiology and **Smt. Angoori Devi Memorial award for Best student in the female category (2023–24)** was awarded to **Ms. Meenakshi** of B.Sc. (H) Biomedical Science.

Additionally, **Dr. Ruchi Gulati** instituted two memorial awards—*Prem Lata Memorial Awards*—to honour the best male and female students of the Department of Microbiology.

The collective achievements of 2024–25—spanning collaborations, research, innovation, infrastructure, and community outreach—reflect the dedication of our faculty, staff, students, alumni, and well-wishers. As we look to the future, our college remains steadfast in its vision to evolve into a hub of **multidisciplinary learning, research, skill development, and societal engagement**, contributing to the nation’s journey toward **Viksit Bharat @ 2047**.

“सा विद्या या विमुक्तये।”

भावार्थ: वही विद्या है जो मनुष्य को बंधनों से मुक्त कर सच्ची स्वतंत्रता प्रदान करे।

(Prof. Avneesh Mittal)

Principal (offg)

Bhaskaracharya College of Applied Sciences

LIST OF GOVERNING BODY MEMBERS

Prof. Avneesh Mittal

- Principal (Offg.)-Member secretary

University Representative

- | | |
|------------------------------|---|
| 1. Prof. Subhash Anand | - Chairman (w.e.f. February 25, 2025) |
| 2. Prof. Rajesh | - Treasurer (w.e.f. February 25, 2025) |
| 3. Prof. Radhey Shyam Sharma | - Chairman (February 2023 - February 2025) |
| 4. Prof. Mukesh Mehlawat | - Treasurer (February 2023 - February 2025) |

Teacher's Representative

- | | |
|------------------------------|--|
| 1. Dr. Neeru Sharma | - w.e.f. February 01, 2025 |
| 2. Prof. Sangeeta Srivastava | - July 19, 2024 - March 31, 2025 |
| 3. Dr. Ragini Jindal | - February 01, 2024 – January 31, 2025 |
| 4. Dr. Madhulika Bajpai | - July 19, 2023 – July 18, 2024 |

Non-Teaching Representative

- | | |
|-------------------|---------------------------------|
| 1. Ms. Ira Sharma | - July 01, 2024 – June 30, 2025 |
| 2. Ms. Usha Sati | - June 23, 2023 – June 30, 2024 |

MERITORIOUS STUDENTS (Academic Year: 2023-24)

S. No.	Course	Position	Name		
			First Year	Second Year	Third Year
1	B. Sc. (Hons.) Biomedical Science	I	Nandini Prasad	Lavisha	Nisha
		II	Bisman Kaur	Sanskriti Rout	Kripansha Pant
		III	Wishesh Joshi	Ashish	Abhraneel Gupta
		Overall Topper: Kripansha			
2	B. Sc. (Hons.) Botany	I	Alagu Subbu L, Manvi Arora	Ishra Parveen	Muskan
		II	Subir Kumar	Naina Kumari	Ankit Kumar
		III	Sunil Vishnoi	Surbhi Choudhary	Aviral Meharishi, Rajan Kumari
		Overall Topper: Muskan			
3	B. Sc. (Hons.) Chemistry	I	Somya Barthwal	Gagan Singh	A. Tejaswi
		II	Amna Shirin M	Raunak Tiwari	Akanksha Katoch, Shivanshu Sharma
		III	Nikita	Vanshika Singh, Dushyant Singh Chaudhary	Kapil Shakya Priyanshu Yadav
		Overall Topper: A. Tejaswi			
4	B. Sc. (Hons.) Computer Science	I	Chitra	Chiranjit	Anand Mishra
		II	Manisha Kumari	Shubham Kumar	Anant Bhardwaj
		III	Barkha	Mohit Pratap Sharma	Alok Kumar Dubey

S. No.	Course	Position	Name		
			First Year	Second Year	Third Year
		Overall Topper: Anant Bhardwaj			
5	B. Sc. (Hons.) Electronic Science	I	Nishi Patwari	Nidhi Sharma	Kartik Yadav
		II	Chinnala Bhargavi	Nitish, Arushi Saxena	Kartik Yadav
		III	Tarun Sahu	Utsav Goyal	Kartik Yadav
		Overall Topper: Sachin Kumar			
6	B. Sc. (Hons.) Food Technology	I	Praket Chadha, Shweta Sharma	Sunny Kumar	Sree Nandana S
		II	Vinita Sorout	Sanjeev Kumar	Chhavi Porwal Jyon Nandi
		III	Rupam Sinha	Chahat	Akash Shaji
		Overall Topper: Chhavi Porwal			
7	B. Sc. (Hons.) Instrumentation	I	Roshini	Ritesh Shishodia	Kaushal Das
		II	Rohan Jha	Satvik Gupta	Kaushik Das
		III	Bhoomi Rokaya	Saumya Gupta	Nikhil Beriwal
		Overall Topper: Kaushal Das			
8	B. Sc. (Hons.) Microbiology	I	Ayush Aggarwal	Shashwat S Nair	Madhurima Maitra
		II	Durga	Tanuja Chauhan	Amisha, Megha Sapra, Shruti
		III	Kashish Gupta	Harshita Yadav	Shivi Nahare
		Overall Topper: Megha Sapra			
9	B. Sc. (Hons.) Physics	I	Lairikyengbam Nishant Roy	Dhruv	Anand

S. No.	Course	Position	Name		
			First Year	Second Year	Third Year
		II	Amit Kumar Yadav, Kusum	Om Singh	Pankaj Sharma, Mukesh Sahu
		III	Sweta Pundir	Priyanshu Dubey	Nabdeep Patel
		Overall Topper: Anand			
10	B. Sc. (Hons.) Polymer Science	I	Deepak Aswal	Ved Prakash	Prince Gupta
		II	Simren	Akhilesh	Isha Kaur
		III	Aditya Prakash	Moksharth Arora	Kanak Bansal
		Overall Topper: Prince Gupta			
11	B. Sc. (Hons.) Zoology	I	Akshita Choudhary	Ishita Goel	Bini Kanyal
		II	Anshika Sinha, Sakshi Kumari	Kaushal Gupta	Akanksha Yadav
		III	Shweta Joshi	Ananya	Archit Nayyar, Anjali Sharma
		Overall Topper: Bini Kanyal			

MEMORANDUM OF UNDERSTANDING (MoU) BY COLLEGE

1. On **January 01, 2025** (valid for a period of three years) with **Catholicate College, Pathanamthitta, Kerala** to encourage joint research activities and projects as well as mutual exchange of students and faculty members for a short period.
2. On **December 18, 2024**, (valid till February 2025) with Central Council for Research in Unani Medicine (CCRUM) to develop Unani Aahaar-based functional foods to improve their acceptance among all age groups.
3. On **December 10, 2024** (valid for a period of three years) with **The Smart City Foundation** to develop student change agents capable of driving SDG-aligned initiatives and to commence a community program addressing climate change, local pollution and mitigation strategies.
4. On **October 29, 2024** (valid for a period of five years) with **Bhaorao Deoras Sewa Nyas and School of Open Learning** to facilitate collaboration in Career Counseling, Skill Development, Employment, Entrepreneurship Development, Startup Support and Mentorship Programs for students across University of Delhi through the **Samarth Bharat** initiative launched by the Bhaorao Deoras Seva Nyas (BDSN).
5. On **April 29, 2024** (valid for a period of one year) with **Pravin Masalewale** to conduct research and development related to traditional recipes of India.
6. On **February 1, 2024** (valid for a period of one year which may be extended for another year) with **JAAGRUTI Waste Paper Recycling Services (under Bhaanti Consultancies Pvt. Ltd.)** to collect the waste paper from the college and provide paper products like notepads made up of recycled paper and A4 Sheets.
7. On **January 29, 2024** (valid till December 31, 2025) with **M/S SMS Water Grace BMW Pvt. Ltd.** to collect the properly segregated, packed and labelled biomedical waste from the college.
8. On **September 18, 2023** (valid for a period of three years) with **Department of Microbiology, Maharishi Dayanand Saraswati University, Ajmer** to encourage joint academic activities and research projects by the faculty members/scientific personnel of the college and Department of Microbiology, Maharishi Dayanand Saraswati University in the field of life sciences.
9. On **August 14, 2023** (valid for a period of two years) with **Delhi State AIDS Control Society** to promote Red Ribbon Club which will educate youth with correct and adequate information and heighten their level of awareness about HIV/AIDS/STI/

sexuality and other related issues. The Red Ribbon Club also organizes and facilitate voluntary blood donation camps and mobilize the youth for voluntary blood donation.

10. On **August 8, 2023** (valid for a period of six years) with **NavTATVA Educare Pvt. Ltd.** for digitization of curriculum and impart technologically enhanced pedagogy to students.
11. On **June 3, 2023** (valid for a period of five years) with **Innovative Power Solutions** to install and maintain LCD/ LED Screens to telecast College notices and messages.
12. On **May 1, 2023** (valid for a period of five years) with **Leibniz Institute for Astrophysics Potsdam (AIP), Potsdam, Germany** to stimulate and support educational, research, and associated activities like joint research projects, faculty and staff exchange, student exchange, educational summer schools and academic webinars, workshops etc.
13. On **January 5, 2023** (valid for a period of five years) with **21 Century Polymers** to perform collaborative research and development projects and provide technical training and placement to students.
14. On **November 29, 2022** (valid for a period of five years) with **Shriram Institute for Industrial Research, Delhi** to perform collaborative research and development projects in an expeditious manner and jointly organize seminars, conferences and workshops in different scientific fields of mutual interest.
15. On **June 28, 2022** (valid for a period of three years) with **Sir Vithaldas Thackersey College of Home Science, SNDT Women's University, Mumbai** for collaborative research, jointly organize seminars, conferences and workshops and internship of students.
16. On **June 1, 2022** (valid for a period of five years) with **Yeungnam University, Gyeongsan, Republic of Korea** to stimulate and support educational, research and associated activities and projects.

RESEARCH AT COLLEGE

a) Research Projects: Extramural funded Research Projects Under Progress:

S. No.	Project Title	Sanctioned Amount (Rs.)	Funding Agency	Date from	Date to	Principal Investigator
1	Talbeena based food products	96,000/-	Central Council for Research in Unani Medicine (CCRUM), Ministry of Ayush, Government of India.	Dec-24	Feb-25	Prof. Eram S. Rao, Dr. Meenakshi Garg
2	Developing Plant-based food products	49,000/-	Natturz Bio Kontrol Pvt. Ltd.	Aug-24	Aug-25	Prof. Eram S. Rao, Dr. Meenakshi Garg
3	Traditional Recipes of India	50,000/-	Pravin Masalewale	Apr-24	Apr-25	Prof. Eram S. Rao, Dr. Meenakshi Garg
4	Producing Novel Therapeutics for Heart Health and Disease -The Role of Gut Microbiota	15,00,000/-	Ministry of Micro, Small & Medium Enterprises (MSME)	Mar-24	Mar-25	Dr. Anjali Saxena
5	Emerald elixir silver nanoparticle infused in biopolymer based composite gel	12,00,000/-	Ministry of Micro, Small & Medium Enterprises (MSME)	Mar-24	Mar-25	Shivi Nahare
6	Developing Plant-based food products	50,000/-	Natturz Bio Kontrol Pvt. Ltd.	Jul-23	Jul-24	Prof. Eram S. Rao, Dr. Meenakshi Garg

7	Role of RNA-binding proteins in rapid eye movement sleep loss associated neurodegeneration	28,54,500/-	SERB- DST	Jan-23	Jan-26	Dr. Uma Dhawan (PI) Prof. B.N. Mallick (Co-PI), Amity Institute of Neuropsychology and Neurosciences, Amity University.
8	Development of eco-friendly and sustainable natural dyes from plant extract	8,26,900/-	Indian Knowledge Systems Division of MoE @ AICTE	Dec-22	Dec-24	Prof. Siddharth Sirohi (PI), Prof. Avnessh Mittal (Co-PI), Dr. Anil Barak (Co-PI)
9	Metagenomic analysis of pulmonary microbiome to understand susceptibility to SARs-CoV and associated mucormycosi	9,13,402/-	ICMR	Jun-22	Jun-24	Prof. Uma Chaudhry, Prof. Avneesh Mittal, Prof. Balaram Pani

b) Research Supervision: Ph.D. Students currently enrolled under the supervision of the College Faculty

S. No.	Name of the Ph.D. Student	Supervisor	Year of Registration	Affiliated Department and University
1	Sibasis Sahoo	Prof. Uma Chaudhry	2023	Dr B. R. Ambedkar Center for Biomedical Research, University of Delhi
2	Banishree Jali	Prof. Uma Chaudhry	2023	Dr B. R. Ambedkar Center for Biomedical Research, University of Delhi
3	Vishal Kumar Saini	Prof. Uma Chaudhry	2025	Dr B. R. Ambedkar Center for Biomedical Research, University of Delhi

S. No.	Name of the Ph.D. Student	Supervisor	Year of Registration	Affiliated Department and University
4	Amandeep Kaur Kang	Prof. Uma Dhawan	2019	Dr B. R. Ambedkar Center for Biomedical Research, University of Delhi
5	Shiffali	Prof. Uma Dhawan	2019	Dr B. R. Ambedkar Center for Biomedical Research, University of Delhi
6	Alka Yadav	Prof. Uma Dhawan	2022	Dr B. R. Ambedkar Center for Biomedical Research, University of Delhi
7	Nikita Verma	Prof. Uma Dhawan	2022	Dr B. R. Ambedkar Center for Biomedical Research, University of Delhi
8	Sukriti Bhardwaj	Prof. Uma Dhawan	2025	Dr B. R. Ambedkar Center for Biomedical Research, University of Delhi
9	Ram Kumar	Prof. Balaram Pani	2022	Department of Chemistry, University of Delhi
10	Anjali	Prof. Balaram Pani	2019	Department of Chemistry, University of Delhi
11	Chandra Mohan Meena	Prof. Balaram Pani	2025	Department of Chemistry, University of Delhi
12	Janvi Rani	Prof. Balaram Pani	2025	Department of Chemistry, University of Delhi
13	Sudhir Gupta	Prof. Sangeeta Srivastava	2019	University of Delhi
14	Arti Malyan	Prof. Geeta Mongia	2021	University of Delhi
15	Charu	Prof. Avneesh Mittal	2022	Department of Electronic Science, University of Delhi
16	Neeraj Katiyar	Dr. Manoj Kumar Tiwari (Co-supervisor)	2022	Meerut University
17	Ritika	Prof. Rizwana	2021	Department of Home Science, University of Delhi

S. No.	Name of the Ph.D. Student	Supervisor	Year of Registration	Affiliated Department and University
18	Muskan Kumari Gupta	Prof. Rizwana	2023	Department of Home Science, University of Delhi
19	Anjana Kumari	Prof. Eram Shahid Rao	2021	Department of Home Science, University of Delhi
20	Sana Ahmed	Prof. Eram Shahid Rao	2022	Department of Home Science, University of Delhi
21	Manisha Thakur	Prof. Eram Shahid Rao (Co-supervisor)	2022	Department of Food Technology, Jamia Hamdard University.
22	Kriti Rawal	Prof. Eram Shahid Rao	2025	Department of Home Science, University of Delhi
23	Neha Singh	Dr. Meenakshi Garg	2021	Department of Home Science, University of Delhi
24	Priyanka Prajapati	Dr. Meenakshi Garg	2021	Department of Home Science, University of Delhi
25	Shikha	Dr. Meenakshi Garg	2023	Department of Home Science, University of Delhi
26	Megha	Dr. Meenakshi Garg	2023	Department of Home Science, University of Delhi
27	Ayushi Jindal	Dr. Meenakshi Garg	2023	Department of Home Science, University of Delhi
28	Akanksha	Dr. Meenakshi Garg	2024	Department of Home Science, University of Delhi
29	Vinay	Dr. Meenakshi Garg	2024	Department of Home Science, University of Delhi
30	Sonu Yadav	Dr. Meenakshi Garg	2025	Department of Home Science, University of Delhi
31	Sandeep Kumar	Dr. Saroj Kumar Shukla	2021	University of Delhi

S. No.	Name of the Ph.D. Student	Supervisor	Year of Registration	Affiliated Department and University
32	Sanjit Kumar	Dr. Saroj Kumar Shukla	2022	University of Delhi
33	Poonam	Dr. Saroj Kumar Shukla	2023	University of Delhi
34	Sandeep Kumar	Dr. Saroj Kumar Shukla (Co-supervisor)	2021	Deen Bandhu Chotu Ram University
35	Deepa Sharma	Dr. Saroj Kumar Shukla (Co-supervisor)	2022	Netaji Subhas University of Technology (NSUT)
36	Shivraj Singh	Prof. Sidhharth Sirohi (Co-supervisor)	2021	Amity University
37	Pratima Pal	Prof. Sidhharth Sirohi (Co-supervisor)	2024	Netaji Subhas University of Technology (NSUT)
38	Bidhisatwa Seal	Prof. Susmita Dey Sadhu (Co-supervisor)	2021	Amity University
39	Megha	Prof. Susmita Dey Sadhu (Co-supervisor)	2023	Department of Home Science, University of Delhi

c) Patents/ Utility Models/ Design Patents:

1. Granted National Patent entitled 'A Health Promoting Instant Food Mix' Patent Application No. 564448

Applicants: Megha Malpotra, **Dr. Meenakshi Garg**, Neha Singh, **Dr. Susmita Dey Sadhu**, **Dr. Purnima Anand**, **Dr. Eram S Rao**, **Dr. Avneesh Mittal**, Dr. Aparna Agarwal

Date of filing- August 03, 2024

Valid till August 02, 2044.

Date of Grant- March 28, 2025

2. Granted a UK Design Patent in respect of the application of such design to 'Solar-Integrated Electric Vehicle Charging Stations for Sustainable Transportation'. (UK Design patent number: 6382813)

Applicants: **Dr Manoj Kumar Tiwari**, Dr. Praduman Prasad Singh, **Dr. Amandeep Kaur**, Dr. Kamal Kishor

Date of filing- August 05, 2024

Valid till August 05, 2029.

Date of Grant- August 13, 2024

d) Research Publications by Faculty:

1. Sangwan, N., Gangwal, A., Jain, P., Langtso, C., Srivastava, S., **Dhawan, U.**, ... & Singh, Y. (2025). Anthrax: Transmission, Pathogenesis, Prevention and Treatment. *Toxins*, 17(2), 56.
2. Kumar, R., Gupta, S., Adhana, S., Khanna, A., Sahoo, S., Faiza, M., ... **Mittal, A. & Chaudhry, U.** (2025). Screening and Identification of Natural Compounds as Potential Inhibitors of Glutamate Racemase, an Emerging Drug Target of Food Pathogen *E. coli* O157: H7: An In-silico Approach to Combat Increasing Drug Resistance. *Infectious Disorders-Drug Targets*, 25(2), E18715265306131.
3. **Bhardwaj, S.**, Kaula, Babeeta, C., Nasreen, S., & **Abbas, N.S.** (2024) Synbiotics: A Paradigm Shift in Biotherapeutics.” *International Research Journal of Management Science & Technology*, 15 (4), 660 - 682.
4. Debnath, A., Chaudhary, H., Sharma, P., Singh, R., & **Srivastava, S.** (2024). A Deep Dive into PDE5 Inhibition: Innovative Discoveries via Virtual Screening. *Letters in Drug Design & Discovery*, 21(16), 3425-3442.
5. Debnath, A., Mazumder, R., Mazumder, A., Tripathi, S., Dua, A., Singh, R., ... & **Srivastava, S.** (2024). miRNA-Targeted Vaccines: A Promising Approach for Viral Attenuation and Immunogenicity Enhancement. *Current gene therapy*, 1-14.
6. Debnath, A., Singh, R. K., Mazumder, R., Mazumder, A., **Srivastava, S.**, Chaudhary, H., ... & Singh, A. K. (2025). Quest for discovering novel CDK12 inhibitor. *Journal of Receptors and Signal Transduction*, 45(1), 1-21.
7. Dua, A., Debnath, A., Kumar, K., Mazumder, R., Mazumder, A., Singh, R., ... & **Srivastava, S.** (2025). Advancements of glucose monitoring biosensor: current state, generations of technological progress, and innovation dynamics. *Current Pharmaceutical Biotechnology*, 1-18.
8. **Srivastava, S.**, Debnath, A., **Nalla, V.K.** (2024). *Decalepis arayalpathra*: Ethnobotany, Scientific interventions and Prospects. *Open J Botanic Insight* 2024, 2(1): 000111
9. Anjali, Mishra, A., Khurana, M., **Pani, B.**, & Awasthi, S. K. (2025). Recent Advances in Functionalization of Graphene Oxide and Its Role in Catalytic Organic Transformations: A Comprehensive Review (2018–2024). *ChemistrySelect*, 10(5), e202404742.
10. Anjali, Mishra, A., **Pani, B.**, & Awasthi, S. K. (2024). Functionalization of Graphene Oxide with Guanidine: Synthesis, Characterization and Catalytic Potential in Aldol and Knoevenagel Condensation Reactions. *ChemistrySelect*, 9(38), e202402511.
11. Anjum, A., Gupta, D., Singh, B., Garg, R., **Pani, B.**, Kashif, M., & Jain, S. (2024). Clay–polymer nanocomposites for effective water treatment: opportunities, challenges, and future prospects. *Environmental Monitoring and Assessment*, 196(7), 666.

12. Dhanka, A. K., Kohlrausch, E. C., Samantray, R., Kumar, V., **Pani, B.**, & Agasti, N. (2025). Harnessing defects in Ag/CeO₂ for enhanced photocatalytic degradation of antibiotic in water: Structural characteristics, in-depth insights on mechanism, degradation pathway. *Chemical Engineering Journal Advances*, 21, 100706.
13. Dhankar, S., & **Pani, B.** (2025). Spatio-temporal analysis of formaldehyde and its association with atmospheric and environmental variables over the Southeast Asian region using satellite data. *Environmental Monitoring and Assessment*, 197(2), 185.
14. Dimngaihvungi, E., Changkakoty, P., Singh, M., Singh, A. K., **Pani, B.**, & Singh, A. K. (2025). Molybdenum oxide-covered silver nanowire films embedded in polyimide for application as high performance flexible transparent heater. *Surfaces and Interfaces*, 56, 105582.
15. Dimngaihvungi, E., Kumar, M., Singh, A. K., **Pani, B.**, Singh, A. K., & Singh, M. (2024). Multiple times synthesis of silver nanowires by recycling the waste left after standard polyol synthesis for flexible transparent heater. *Journal of the Taiwan Institute of Chemical Engineers*, 161, 105529.
16. Dimngaihvungi, E., Singh, A. K., **Pani, B.**, Singh, A. K., & Singh, M. (2025). Polyimide impregnated silver nanowire-titanium oxide core-shell nanostructures as ultra-stable flexible transparent electrode for multiple applications. *Journal of Industrial and Engineering Chemistry*, 142, 262-271.
17. Gahlyan, P., Chauhan, T., Jhaharia, P., **Pani, B.**, & Kumar, R. (2025). Exploring the potential of isatin hybrids as anticancer agents: recent advances and future prospective. *Medicinal Chemistry Research*, 1-22.
18. Thakur, S., **Pani, B.**, Singh, A. K., & Singh, M. (2024). Evaluation of adsorption behaviour of benzylidene chitosan derivatives at mild steel/0.5 M H₂SO₄ solution interface. *Inorganic Chemistry Communications*, 166, 112668.
19. Kundu, S., Thakur, S., Kumar, V., **Pani, B.**, Singh, M., & Singh, A. K. (2024). A critical review on Nano Ferrites pioneering a paradigm shift in corrosion inhibition towards different metal/alloys in diverse corrosive environments. *Journal of Environmental Chemical Engineering*, 115277.
20. Justa, P., Jaswal, N., Sharma, A. K., Kumar, A., Kumar, H., **Pani, B.**, ... & Kumar, P. (2024). Iron sulfide nanoparticles: synthesis, characterization, and molecular docking studies of its interaction with bovine serum albumin and human serum albumin. *BioNanoScience*, 14(2), 1362-1369.
21. Sheetal, Singh, A. K., Ait Mansour, A., Thakur, S., **Pani, B.**, Singh, M., & Salghi, R. (2024). Aromaticity of Heterocyclic Compounds and Their Corrosion Inhibition Property: Experimental and Theoretical Analysis. *Langmuir*, 40(41), 21675-21692.
22. Singh, A. K., Ait Mansour, A., Singh, M., Thakur, S., **Pani, B.**, & Salghi, R. (2024). Relation of alkyl chain length and corrosion inhibition efficiency of N-Acylated

- Chitosans over mild steel in acidic medium. *Journal of Environmental Chemical Engineering*, 12(4), 113179.
23. Singh, A. K., Kundu, S., Kaur, D. M., Thakur, S., **Pani, B.**, & Singh, M. (2025). Role of chalcogens in corrosion inhibition: A comprehensive review. *Inorganic Chemistry Communications*, 114085.
24. Kumar, J., Justa, P., Jaswal, N., Kumar, H., **Pani, B.**, & Kumar, P. (2024). Peroxidase like activity of Prussian blue nanoparticles and visible light mediated catalytic degradation of methylene blue dye. *Chemical Physics Impact*, 8, 100575.
25. Quadri, T.W., Akpan, E.D., Elugoke, S.E., Olasunkanmi, L.O., Sheetal, S., Singh, A.K., **Pani, B.**, Tuteja, J., Shukla, S.K., Verma, C. and Lgaz, H., 2025. State-of-the-art progress on artificial intelligence and machine learning in accessing molecular coordination and adsorption of corrosion inhibitors. *Applied Physics Reviews*, 12(1).
26. Saini, K., Sharma, R., Sharma, A. K., **Pani, B.**, & Sarkar, A. (2024). An exploration of tailoring of hetero-nanostructures of α -MoO₃ for efficient electrocatalytic and photocatalytic applications. *Catalysis Today*, 115092.
27. Maity, S. K., Tyagi, U., Bisht, P., **Sirohi, S.**, **Pani, B.**, & Kumar, G. (2024). Tailoring the physicochemical and dielectric properties of natural polymer using graphene nanoplatelet as filler. *Polymer Composites*, 45(15), 14213-14230.
28. Muwal, P. K., Saini, A. K., Choudhary, K., Beniwal, V., Pani, B., **Sirohi, S.**, **Mittal, A.**, ... & Singh, R. (2025). Development of Cyclic and Acyclic Fluorescent Chemosensors for Selective Detection of Ions and Biomolecules in Water. *ChemistrySelect*, 10(1), e202404394.
29. **Dua, A.**, Jindal, V., & Bedi, P. (2025). LC-IPL: locating covert data in the IPv4 header using LSTM. *International Journal of Information Technology*, 17(2), 689-702.
30. **Gupta, S.**, Pratap, Y., & Gupta, M. (2025). Breast Cancer Detection Using Dual Nanocavities GaN Junctionless FinFET Biosensor. *Sensing and Imaging*, 26(1), 1-20.
31. **Kumar, A.**, (2024). "A Study on Supply Chain Management through Emerging Technologies." *MAIMS Journal of Management* 19 (1): 67–80.
32. Kumar, J., **Mittal, A.**, Madhwal, D., **Kaur, A.**, and Sharma, S. (2025). "Impact of Global Climate Change on Society and Life-Sustaining Resources." *Mukt Shabd Journal* 14 (1): 659.
33. Madhwal, D., Kumar, V., Shukla, P., **Kumar, J.**, Bhardwaj, N., & Jain, V. K. (2024). Wearable electro-optical sensor for monitoring of nitrogen dioxide gas in environment. *Sensors and Actuators A: Physical*, 379, 115870.
34. **Tiwari, M. K.**, **Kaur, A.**, Sharma, S., Malhotra, H., and Pachauri, A., (2025). "Empirical Study of Effectiveness of Healthcare Instruments in Diagnosis and Treatment of COVID-19 for Prevention of any Imminent Endemic Outbreak." *Mukt Shabd Journal* 14 (1): 96.

-
35. Ritika, Bora, B., Ismail, B. B., Garba, U., Mishra, S., Jha, A. K., Naik, B., Kumar, V., Rather, M. A., **Haleem, R.**, Preet, M. S., Rustagi, S., Kumar, H. & Gupta, A. K. (2024). Himalayan fruit and circular economy: nutraceutical potential, traditional uses, challenges and opportunities. *Food Production, Processing and Nutrition*, 6(1), 71.
 36. Singh, P. K., Chopra, R., **Garg, M.**, Chauhan, K., Singh, N., Homroy, S., . . . Tripathi, A. D. (2024). Shelf-Life Enhancement of Structured Lipids Rich in Omega-3 Fatty Acids Using Rosemary Extract: A Sustainable Approach. *ACS Omega*, 9(29), 31359-31372.
 37. Singh, S., Habib, M., Mondal, D., Kumar, Y., Jan, S., Bashir, K., **Rao, E. S.** & Jan, K. (2024). Gamma Irradiation–Induced Structural Modification of Sorghum Flour and Its Impact on the Physicofunctional, Rheological, and Thermal Properties of Extracted Starch. *Journal of Food Processing and Preservation*, 2024(1), 2228239.
 38. Singh, S., Habib, M., Mondal, D., **Thakur, M.**, Kumar, Y., Bashir, K., Jan, S. & Jan, K. (2024). Effects of germination on the physicochemical, thermal, in vitro protein digestibility, Antinutrients, and antioxidant properties of sorghum flour. *International Journal of Food Science & Technology*, 59(9), 6513-6521.
 39. Prajapati, P., **Garg, M.**, Singh, N., Chopra, R., **Mittal, A.**, & Sabharwal, P. K. (2024). Transforming plant proteins into plant-based meat alternatives: challenges and future scope. *Food Science and Biotechnology*, 33(15), 3423-3443.
 40. Singh, N., Tyagi, N., Singh, M., Kushwaha, H. R., Sharma, R. K., Shree, P., **Mittal, A.**, Chopra, R. & **Garg, M.** (2024). Characterization, phytochemical profiling, antioxidant, and cytotoxicity of underutilized medicinal plants and composite flour. *Food Chemistry*, 456, 139985.
 41. Malpotra, M., **Garg, M.**, Singh, N., **Sadhu, S. D.**, Chopra, R., & Sharma, B. (2025). An overview of bioactive components and phytopharmaceutical potentials of *Hygrophila auriculata*—A herbaceous medicinal plant. *Phytomedicine Plus*, 5(1), 100737.
 42. Prajapati, P., Porwal, C., **Garg, M.**, Singh, N., **Sadhu, S. D.**, Chopra, R., **Rao, E. S.**, ... & Tripathi, A. D. (2025). Transforming lemon Peel into a sustainable reservoir of bioactives: A green osmotic dehydration strategy. *Food Chemistry: X*, 25, 102172.
 43. Prajapati, P., **Garg, M.**, Akhtar, S., Ansari, T.H., Chopra, R., Anand, P., **Sadhu, S.D.**, Sablania, V. and Alam, T. (2024). Development and Optimization of Sustainable Packaging System for Indian Cottage Cheese (Paneer). *Asian Journal of Dairy and Food Research*. 1-7.
 44. **Kumar, M.**, Kumar, A., Saini, R., **Bhatt, G.**, & **Khanna, M. K.** (2024). High extinction ratio TE-Pass polarizer using the effect of superstrate layer in Ge-Clad optical waveguide. *Engineering Research Express*, 6(3), 035001.
-

-
45. Singh, A., Shakya, A., Mishra, A. K., & **Kaur, A.** (2024). An extensive analysis of source engineered tunnel FET for low power biosensing application. *Microsystem Technologies*, 1-17.
 46. **Kashyap, N.** Property (Bgw1) and Weyl type theorems. *The Mathematics Student*, 93(3-4),134-146, 2024.
 47. **Sharma, N. K.** (2024). Property (Baw1) and Weyl type theorems. *Annals of Mathematics and Computer Science*, 25, 26-32.
 48. Kelam, N., Gujjarlapudi, S.L., Maragani, M., Gemmeli, V.R, **Nalla, V.K** and Kokkanti, M. (2024). Deciphering the Impact of Gamma Radiation on Photosynthesis and Cell Viability in *Chlamydomonas reinhardtii*. *African Journal of Biological Sciences*, 6 (13), 136-145.
 49. Kelam, N., Gujjarlapudi, S.L., Maragani, M., Gemmeli, V.R, **Nalla, V.K** and Kokkanti, M. (2024). Algal extracts and their importance in promoting plant growth. *African Journal of Biological Sciences*, 6 (13),1146-1163.
 50. Kaur, S., Arora, A. K., **Bharadvaja, A.**, & Baluja, K. L. (2024). Positron interactions with vinyl acetate from 0.1 eV to 5 keV. *Physica Scripta*, 99(11), 115411.
 51. **Luthra, M., Bharadvaja, A.**, Prashant, A., & Baluja, K. L. (2024). Electron scattering from pyrimidine up to 5 keV. *Brazilian Journal of Physics*, 54(4), 116.
 52. Khan, A., Chaudhary, V., Dwivedi, S. P., & **Sadhu, S. D.** (2024). Studies on evaluation of mechanical, thermal, and chemical properties of aloe vera-, corn-, eucalyptus-, and soybean fiber-reinforced epoxy biocomposites. *Biomass Conversion and Biorefinery*, 1-17.
 53. Kumar, K., Tyagi, U., **Sirohi, S.**, Kumar, R., Maity, S. K., Singh, S., & Kumar, G. (2025). A critical review on nanostructure-doped carbonized biomass: A new Era in sustainable supercapacitor technology. *Fuel*, 381, 133707.
 54. Maity, S. K., Tyagi, U., Kumar, R., Kumar, K., Kumar, G., & **Sirohi, S.** (2025). Fabrication of natural polymer-based films for food preservation and packaging application: characteristic assessment of ultra-low graphene content. *Polymer Bulletin*, 1-23.
 55. Maity, S. K., Tyagi, U., Sharma, A. K., Bisht, P., **Sirohi, S.**, Kumar, K., ... & Kumar, G. (2025). Enhancing the electrical performance of chitosan-based triboelectric nanogenerator using graphene nanoplatelets for real-time sports application. *Cellulose*, 1-18.
 56. Radhakrishnan, S., Mishra, R., Dhyani, V., Dwivedi, S. P., **Sadhu, S. D.**, Gupta, P., & Chaudhary, V. (2025). Studies on water uptake behavior and mechanical performance of bio-wastage-reinforced bio composites for improved sustainability. *Biomass Conversion and Biorefinery*, 15(5), 7223-7238.
-

57. Seal, B., Chaudhary, V., & **Sadhu, S. D.** (2024). Studies on fatigue, creep, and tribological performance of coconut shell, seashell, and eggshell filler-based bio-fiber-reinforced epoxy hybrid composites. *Biomass Conversion and Biorefinery*, 1-15.
58. Seal, B., Chaudhary, V., & **Sadhu, S. D.** (2024). Studies on mechanical and water absorption behavior of biofiber-reinforced epoxy biocomposites added with seashell, eggshell, and coconut biofillers. *Biomass Conversion and Biorefinery*, 1-15.
59. Singh, S., Verma, A., Chauhan, S., Tripathi, R. K., **Sirohi, S.**, Yadav, B. C., ... & Gupta, T. K. (2025). Flexible and efficient ultraviolet photodetectors based on one dimensional MWCNT filled thermoplastic polyurethane nanocomposite freestanding films. *Journal of Inorganic and Organometallic Polymers and Materials*, 35(1), 470-479.
60. Kumar, S., Singh, R., Bansal, K., Diwan, R. K., & **Shukla, S. K.** (2024). Synthesis of carbon functionalised silica C@ SiO₂ from rice husk and use as flame retardant filler. *Materials Science and Engineering: B*, 309, 117632.
61. Sharma, M., Sharma, A. K., & **Shukla, S. K.** (2025). Self-powered potentiometric sensor for chlorpyrifos over nano copper oxide infused chitosan grafted polypyrrole electrode. *Inorganic Chemistry Communications*, 171, 113530.
62. Saxena, A., **Dua, A.**, Kumar, M., Roy, A., & Nigam, A. A mini-review on influence of physical exercise in remodeling the immune mechanism. *World Journal of Biology Pharmacy and Health Sciences*, 2024, 18(02), 349–358.

e) **Books Published:**

1. **Batra, V.**, and **Kaur, I.** (2024) A Textbook on Analog Systems and Applications. India: Techsar Pvt Ltd.
2. **Bhardwaj, S.**, and **Abbas, N.S.** (2024) Medicinal Plants: Cultivation to Application based on NEP. Narosa Publisher.
3. **Bhardwaj, S.**, and **Abbas, N. S.** (2025). Medicinal Plants: A practical hand book. Narosa Publisher.
4. Sharma, B., **Pani, B.**, Shekhar, S., and Okolie, J. A. (Eds.). (2025). Sustainable 3D Printing for Innovative Biopolymer Production and Applications. John Wiley & Sons.
5. Alam, T., **Garg, M.**, **Sadhu, S. D.**, and Meena, P. L. (2025) The Protocol Series: Volume 06, Packaging Techniques; Nipa, Genx Electronic Resources and Solutions Pvt. Ltd. ISBN No. 978-93-5887-400-6.
6. **Sehgal, S.**, Joshi, D., Yadav, V. and Agarwal, A. (2025) Food Safety –A Practical Approach, ISBN 9788195556731, Elite Publishing, New Delhi.

7. **Sehgal, S.**, Singh R., Yadav, U. and Yadav, V. (2025) Food Chemistry II –A Practical Manual, ISBN 9788195556748, Elite Publishing, New Delhi.
8. **Thakur, M.**, Singh, S., Jan, S., Bashir, K., Jan, K. (2024) Utilization of Food Wastes and by-products: An overview. Apple academic press.

f) Book Chapters Published:

1. **Kaur, A.**, & **Varmani, S. G.** (2025). Mission nurture nature: From awareness to action—Lessons from 30-day environmental challenge. National EduTrust of India. ISBN 978-93-341-8699-4.
2. Kundu, S., & **Pani, B.** (2025). "Inorganic Halide Perovskite for Photocatalytic Applications." In Advanced Nanomaterials for Solution-Processed Flexible Optoelectronic Devices: Processing to Applications, 337, CRC press. Taylor and Francis group.
3. Sharma, R., Verma, N., Dewangan, R., Sharma, A. K., Tripathi, M., & **Pani, B.** (2025). Delineating the Techniques Employed for the Fabrication of Sustainable Polymers via 3D Printing Phenomena. Sustainable 3D Printing for Innovative Biopolymer Production and Applications, 25-47.
4. Kundu, S., Thakur, S., **Pani, B.**, Singh, M., Singh, S. K., & Singh, A. K. (2025). How DESs can be used as corrosion inhibitors. In Deep Eutectic Solvents (pp. 55-67). Elsevier.
5. Alam, A., N. Priya, R. Singh, Akansha, **Kaur, I.** and **Batra, V.** (2024). "Air Pollution Monitoring and Gas Leakage Detection with In-built Alert System." In Advanced Functional Materials for Sustainable Environments, 79–87. Springer Nature Switzerland.
6. **Tiwari, M.K.**, and **Kaur, A.** (2025). "Dimensions and Dynamics of Emotional Well-being: Significance, Influences, and Future Directions." In Human Emotions, Social Connections and Personal Well-Being, Chapter 9. New Delhi: The Lawgical Junction and MJS Publishing House.
7. Habib, M., **Thakur, M.**, Jan, S., Bashir, K., & Jan, K. (2024). Starch-based food packaging. In K. Bashir, K. Jan, S. Jan, A. L. Khan & D. J. McClements (Eds.), Biodegradable and Edible Food Packaging (pp. 139-176): Academic Press.
8. Singh, S., **Thakur, M.**, Habib, M., Jan, K., & Bashir, K. (2024). Revolutionizing Beverage Preservation: A deep Dive into Non-Thermal Techniques for Extended Shelf-

- life and Sustainable Industry Practices. In S. K. Pattanayek, D. Dutta & A. Singh (Eds.), Non- Thermal Processing of Functional Foods. Boca Raton: CRC Press.
9. Singh, S., Mondal, D., **Thakur, M.**, Habib, M., Jan, K., Dhar, P., & Bashir, K. (2024). Emerging Trends in Nutraceutical Research: Role of Minerals. In K. Bashir, K. Jan & F. J. Ahmad (Eds.), Functional Foods and Nutraceuticals: Chemistry, Health Benefits and the Way Forward (pp. 81-112). Cham: Springer International Publishing.
 10. Gupta, M. K., Balodi, V., Tripathi, A. D., **Haleem, R.**, Agarwal, A., & Nirmal, N. P. (2025). Chapter 22 - The importance of labeling and certification: ensuring quality and transparency. In T. Sarkar, S. Smaoui & A. T. Petkoska (Eds.), Unleashing the Power of Functional Foods and Novel Bioactives (pp. 449-465): Academic Press.
 11. Ritika, Mansi, **Haleem, R.**, Kumar, H., Bora, B., Rather, M. A., . . . Gupta, A. K. (2024). Traditional and Underutilized Fruits and Vegetables for Attaining Zero Hunger. In R. Chakraborty, P. Mathur & S. Roy (Eds.), Food Production, Diversity, and Safety Under Climate Change (pp. 89-111). Cham: Springer Nature Switzerland.
 12. Singh, S., Verma, A., Chauhan, S., Thatai, S., Jeyaseelan, C., Triapthi, R.K., **Sirohi, S.**, Yadav, B.C., & Gupta, T.K., (2024) "MWCNT/TPU Nanocomposites-Based UV Photodetector", in Emerging Trends in Synthesis and Catalysis in Chemistry Proceedings of ETSC 2023 -24, pp181-188.
 13. Prajapati, P., **Garg, M.**, Chopra, R., and **Sadhu, S.D.**, (2025) "Packaging Design and Food Packaging Material" in "Food Packaging and Safety Regulations" Edited by Tanweer Alam, ISBN No. 978-93-58877-18-2.
 14. Kesharwani, T., **Garg, M.** and **Sadhu, S.D.** (2025) "A review on Biopolymers and It's Application in Food and Allied Industry" in "Food Packaging and Safety Regulations" Edited by Tanweer Alam, ISBN No. 978-93-58877-18-2, March.
 15. **Shukla, S. K.** (2025). "Piezoelectric Materials in Sensors: An Overview" in Piezoelectric Materials, 147-168.
 16. **Shukla, S. K.**, & Singh, N. B. (2025) "Self-powered sensors" in Advanced Sensors for Smart Healthcare, 191-202.
 17. Kumar, S., Chopra, B., Koundal, A., Giri, N. G., & **Shukla, S. K.** (2024). "Scalable chlorination of polypropylene for structural modification and flame retardancy as coating materials of insulation cable" in Polymer-Plastics Technology and Materials, 63(14), 1861-1873.

g) Conference Proceedings:

1. **Kaur, I. Batra, V.**, (2025). *Green Synthesized ZnO Nanoparticles using A. indica Extract for Sustainable Dye Degradation*. In *Proceedings of the 3rd International Conference on Advanced Functional Materials and Devices (AFMD-2025)*, ARSD College, University of Delhi, March 3–5, 2025.
2. Saxena A, Sharma N, Bhargavi C, Nithya. P, Kaur, **I. , Batra, V.**, (2025). Green synthesised ZnO nanoparticles for heavy metal ion removal: A sustainable water treatment initiative. In *Proceedings of the 3rd International Conference on Advanced Functional Materials and Devices (AFMD-2025)* (March 3–5, 2025). ARSD College, University of Delhi.
3. **Kumar, J., Mittal, A.**, Madhwal, D., Kaur, A., Mishra, A., Sisodia, R., Solanki, D. P. (2024, September 18–20). Disease risk prediction in healthcare sector by machine learning. *Proceedings of the International Conference on Semiconductor Technologies—Materials to Chips*. Amity Institute for Advanced Research and Studies, Amity Institute of Nanotechnology.
4. Madhwal, D., Shukla, P., Kumar, V., Kumar, J., Bhardwaj, N., Jain, V. K. (2024, September 18–20). Electro-optical sensing of toxic gases in environment. *Proceedings of the International Conference on Semiconductor Technologies—Materials to Chips*. Amity Institute for Advanced Research and Studies & Amity Institute of Nanotechnology.
5. Dey, S. J., Kaur, A., Kumar, J. (2024, April 4–5). Lamp black nano-coated efficient solar heat absorber. *Proceedings of the International Conference on Current Trends in Chemical Science for Sustainable Living*. Department of Chemistry, Shyamlal College, University of Delhi.

h) Oral/ Poster Presentations:

1. Malyan, A. and **Mongia, G.** presented an oral paper titled “*Synthesis of Silver Nanoparticles and Its Impact on Efficiency of Microbial Fuel Cell*” at the International Conference on Advanced Materials for Green Chemistry and Sustainable Environment, held at K.R. Mangalam University, Gurugram, in March 2025.
2. **Kaur, A.** and **Tiwari, M.** presented an oral paper titled “*BIOTECL Greening Mobility: Sustainable Innovations for Future Transportation*” during the International Conference on Innovations in Science and Technology: A Perspective of Viksit Bharat @ 2047, organized by the Science Foundation under the aegis of the DBT Star College Status Scheme, Deen Dayal Upadhyaya College (University of Delhi), and

supported by the National Academy of Sciences India, Allahabad-Delhi Chapter & IEEE Electron Device Society-Delhi Chapter, held on March 19–20, 2025.

3. **Sharma, N.** presented a paper at the 2nd International Conference on Recent Trends in Mathematics, organized by the Department of Mathematics, Hansraj College, University of Delhi, February 7–8, 2025
4. **Sharma, N.** presented a paper at the 2nd International Conference on Evolution in Pure and Applied Mathematics, organized by the Department of Mathematics, Akal University, Talwandi Sabo, Bathinda, Punjab. November 20–22, 2024.
5. **Barak, A., Sadhu, S.D.** presented a poster titled “Achieving sustainable food systems for Amrit Peedhi” in world Food Day conclave, held on October, 16, 2024 organised by PHD chamber of commerce and Industry.
6. **Sharma, N.** presented a paper at the International Conference on Non-linear Analysis and Computational Techniques, organized by the School of Advanced Sciences and Languages, VIT Bhopal University, in collaboration with the Institute of Physics and Mathematics, Technological University of Mixteca, Oaxaca, Mexico from August 8–10, 2024.
7. **Sharma, N.** presented a paper at the International Symposium on Recent Advances in Differential Equations and Applications, Department of Mathematics, Deshbandhu College, University of Delhi, August 6, 2024.
8. **Barak, A., Rao, E. S., Sadhu S.D.** presented a poster titled “*Bael Shell: Development and Characterization of Biodegradable Packaging*” at the Seminar on Futuristic Polymers: Innovation, Sustainability & Skill, organized by the Indian Plastics Institute (IPI), Delhi Chapter, and Bhaskaracharya College of Applied Sciences, held on August 9, 2024, at the Eros Hotel, New Delhi.
9. **Barak, A., Sadhu, S.D., Garg, M.** presented a poster titled “*Development of Composite Blend Using Leaves of a Medicinal Plant*” at the Seminar on Futuristic Polymers: Innovation, Sustainability & Skill, organized by the Indian Plastics Institute (IPI), Delhi Chapter, and Bhaskaracharya College of Applied Sciences, held on August 9, 2024, at the Eros Hotel, New Delhi.
10. **Barak, A., Garg, M., Sadhu, S.D.** presented a poster titled “*Eco-friendly Cardboard Enhancement Using Finger Millet Bran*” at the Seminar on Futuristic Polymers: Innovation, Sustainability & Skill, organized by the Indian Plastics Institute (IPI), Delhi Chapter, and Bhaskaracharya College of Applied Sciences, held on August 9, 2024, at the Eros Hotel, New Delhi.

11. **Garg, M., Rao, E., Sadhu, S.D.** presented a poster titled “*Effect of Lemon Peel and ZnO Nanoparticles Coating on Shelf Life of Bananas*” at the Seminar on Futuristic Polymers: Innovation, Sustainability & Skill, organized by the Indian Plastics Institute (IPI), Delhi Chapter, and Bhaskaracharya College of Applied Sciences, held on August 9, 2024, at the Eros Hotel, New Delhi.
12. **Barak, A., Rao, E., Sadhu, S.D.** Presented a poster entitled ‘Bael Shell: Development and Characterization of Novel Packaging’ at Seminar on Futuristic Polymers: Innovation, Sustainability & Skill organized by Indian Plastics Institute (IPI), Delhi Chapter & college held in Eros Hotel, New Delhi on August 9, 2024.
13. **Sadhu, S.D.** presented a poster titled “*Synthesis and Characterization of a Novel Polythiophene-PVC Composite for Optoelectrical Application*” at the Seminar on Futuristic Polymers: Innovation, Sustainability & Skill, organized by the Indian Plastics Institute (IPI), Delhi Chapter, and Bhaskaracharya College of Applied Sciences, held on August 9, 2024, at the Eros Hotel, New Delhi.
14. **Garg, M., Sadhu, S.D.** presented a poster titled “*PLA and Herbal Plant Based Films*” at the Seminar on Futuristic Polymers: Innovation, Sustainability & Skill, organized by the Indian Plastics Institute (IPI), Delhi Chapter, and Bhaskaracharya College of Applied Sciences, held on August 9, 2024, at the Eros Hotel, New Delhi.
15. **Garg, M., Sadhu, S.D.** presented a poster titled “*Sustainable Packaging Solution: Harnessing Finger Millet Bran for Eco-Friendly Films*” at the Seminar on Futuristic Polymers: Innovation, Sustainability & Skill, organized by the Indian Plastics Institute (IPI), Delhi Chapter, and Bhaskaracharya College of Applied Sciences, held on August 9, 2024, at the Eros Hotel.

DBT STAR COLLEGE SCHEME

A Decade of Star College Scheme of DBT and going strong

Prof. Avneesh Mittal (Officiating Principal), Chairman, Star College Scheme

DBT Star College Scheme-I

Dr. Anita Sondhi (Coordinator)

Prof. Uma Chaudhry (Co-Coordinator)

Department Coordinators

Dr. Anita Sondhi, Coordinator, Biochemistry

Prof. Uma Chaudhry, Coordinator, Biomedical Science

Dr. Pawas Goswami, Coordinator, Microbiology

Dr. Meenakshi Garg, Coordinator, Food Technology

Bhaskaracharya College of Applied Science has the Star College Status from DBT since 2010. The college expresses its heartfelt gratitude to the Department of Biotechnology, Government of India for guiding us all along in this very long learning association with them. As has been the case for more than a decade of association with DBT, 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 the DBT Star College scheme. These activities enhance interest in science which includes invited talks of eminent scientists from Academia and Industry, 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 the applications of science in other institutes and also familiarize them with various career options available in their chosen scientific fields.

DBT Star College Scheme-II

Prof. N.S. Abbas (Coordinator)

Department Coordinators

Dr. Bhavya Deep, Coordinator, Department of Computer Science

Dr. Jitender Kumar, Coordinator, Department of Electronics

Dr. Manoj K. Tiwari, Coordinator, Department of Instrumentation

Prof. Anand Bharadvaja, Coordinator, Department of Physics

Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India, New Delhi had sanctioned financial support for three years w.e.f. 2019 under the Star College Scheme for four additional departments. The participating departments viz, Physics, Computer Science, Electronics and Instrumentation have been included in the ongoing Star support to strengthen life sciences education training at the undergraduate level. To meet the defined objectives under the sanctioned scheme, the college organizes a diverse array of

academic and scientific activities including workshops, outreach programs, extension lectures, industrial visits and training, a 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 careers in Science Stream. The participating departments have organized various activities like interactive sessions, outreach programs, alumni meetings, webinars, and workshops at intra and inter-college levels 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 a testimony to fulfilling the aim and goal of the DBT Star College Scheme.

ACTIVITIES ORGANIZED BY THE COLLEGE UNDER MoUs

❖ NII-BCAS, Science Setu

Nodal Officer: Dr. Uma Dhawan

- Fourteen students from the departments of Biomedical Science, Microbiology and Zoology attended the International Day of Immunology on the theme “Immunity Through the Ages: Navigating the Science of Aging and Immunology” on April, 29 2024. The event included an invited talk on "*Mycobacterium tuberculosis*: Immune evasive strategies of a smart bug!" by Prof K. Natarajan, the Infectious Disease Laboratory, ACBR, University of Delhi; poster sessions; and the opportunity for interaction with scientists and research scholars. The students also won the game on “Immuncharades”.
- Twelve students from the departments of Biomedical Science and Microbiology along with Dr. Neha Singh visited NII to attend Open Space on The BioE3 Policy on September 02, 2024. The students also had the opportunity to visit the research labs and to interact with the scientists and research scholars of NII.
- Eight students from the departments of Biomedical Science, Microbiology and Polymer Science along with Dr. Purnima Anand and Dr. Ruchi Gulati attended the National Science Day (NSD-2025) on February, 28 2025 to commemorate Dr CV Raman and his discovery, the Raman effect, under the theme of "Empowering Indian Youth for Global Leadership in Science and Innovation for *Viksit Bharat*". Nandini Gupta, Shashwat S Nair and Vasu Madan, students of Microbiology won the First prize in poster presentation for their poster titled "A highly hydrophobic and architecturally complex biofilm of *Bacillus paralicheniformis* and its potential biotechnological application in removal of toxic dyes".

❖ **Red Ribbon Club****Nodal Officer: Dr. Uma Dhawan**

The volunteers of RRC, of the college promote awareness through our Instagram handle [@rrc.bcas](https://www.instagram.com/rrc.bcas)

- Club was felicitated by the Delhi State AIDS Control Society (DSACS) on “World AIDS Day” on December 01, 2024 at BSA Medical College, Rohini, for its significant contribution. We were amongst the five RRCs felicitated out of 90 in Delhi.
- Commemorated ‘International Youth Day’ in September 2024 by spreading awareness about HIV/AIDS, educating the public and students on its prevention, addressing stigma, clearing myths and promoting a supportive and inclusive environment. The following activities were organized.
- **HIV/AIDS Awareness session:** Organized on September 30, 2024 with an interactive Q&A. Ms. Sujita Gahlaut, Assistant Director of Youth Affairs Program & Nodal Officer, DAPCU was the keynote speaker.
- **HIV/AIDS Awareness and Distribution Drive & Slogan cum Signature Campaign:** Organised on September 04 & 24, 2024, to spread information on HIV/AIDS through pamphlets and booklets.

ACTIVITIES ORGANIZED BY INTERNAL QUALITY ASSESSMENT CELL (IQAC)

Coordinator: Prof. Eram S. Rao

- Two-day Industrial training workshop on “Sensory Science and its application in product development” for DS group at DS group on June 11-12, 2024.
- One-week Hands on training for non-teaching staff on Computer literacy from July 2 - 9, 2025 themed “ICT tools for education and Training.”
- An Inter collegiate recipe competition on Sept 30, 2024, in collaboration with Department of Food Technology on ‘Underutilized crops and seeds of India using Indian Knowledge Systems.’
- One-day National Conference on World Food Day in collaboration with PHD Chambers of Commerce on “Food for All: Achieving Sustainable Food Systems for the Amrit Peedhi” on October 16, 2024.
- Inter collegiate competition on Nov 18, 2024, in collaboration with Department of Food Technology on ‘Food Waste and by product Utilization’.
- On Mathematics Day, December 22, 2024, a webinar on “Srinivasa Ramanujan-an Integration of Institution and Innovation” was organized in collaboration with Department of Mathematics.

- Hands on Workshop on “E-Content Development For MOOC” on February 8-9, 2025.

DEPARTMENTAL ACTIVITIES, ACHIEVEMENTS OF FACULTY & STUDENTS

DEPARTMENT OF BIOCHEMISTRY

Faculty Achievements

Dr. Anita Sodhi

- Participated in the ILSI India Scientific Conference on Climate Smart Initiatives for Nutrition and Food Security-CoCSI on November 13, 2024.

DEPARTMENT OF BIOMEDICAL SCIENCE

Departmental Activities

- Organized two-day Annual Academic Fest, ‘Genesis 2025’ on February 27–28, 2025. The academic program featured distinguished speakers, including Prof. Laishram R. Singh (ACBR, DU), who delivered an insightful lecture titled ‘How Do Proteins Avoid Roadside Accidents En Route to Their Native States’ and Dr. Meenakshi Sharma (ACBR, DU), who spoke on ‘An Elegant Worm for Biomedical Research’. A dedicated session on ‘RNA Bioinformatics and its Biomedical Impact’ was conducted by Molelixir Informatics.
- DNAmics, the departmental society, organised an Alumnus Interaction Session followed by an engaging lecture on January 9, 2025. The special session featured Dr. Prashant Rawat, an esteemed alumnus of the Biomedical Science program and currently an EMBO Postdoctoral Fellow at ETH Zurich, Switzerland. Dr. Rawat delivered a thought-provoking lecture titled ‘Cell Biology 2.0: Principles of Phase Separation Redefining Biological Understanding’.
- The ‘Freshers 2024’ was organised on November 13, 2024, to warmly welcome the newly admitted first-year students. The event introduced them to the vibrant campus life and culture of the department.
- Celebrated Deepotsava - a festival of light and joy on October 25. The event brought together students and faculty in a vibrant celebration of culture and togetherness.
- Organized an invited talk on the topic ‘Malaria Parasite Gametogenesis: Role of Protein Kinase’ on April 18, 2024. The talk was delivered by Dr. Sudhir Kumar, a distinguished

faculty member from the Department of Biomedical Science, Iowa State University of Science and Technology, USA.

- Organized an educational visit to the Microbiology Laboratory at Venkateshwar Hospital, Dwarka, on November 15–16, 2024. During the visit, Doctors and Senior Microbiologists at the hospital provided students with valuable exposure to contemporary clinical laboratory practices across key diagnostic disciplines, including microbiology, hematology, biochemistry, histopathology, and molecular diagnostics.

Faculty Achievements

Prof. Uma Chaudhry

- Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission organised by Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade Office of the Controller General of Patents, Designs and Trade Marks, Government of India, on November 12, 2024.
- Attended digital modules of one-month International Workshop on Plant Genomics jointly organised by Decode Life Ensembl outreach team (EMBL-EBI) United Kingdom from June 8- July 7, 2024.
- Completed an Online National Summer School Program / Immersive Online Certificate Training Course for four days organized by IMPRI Gender Impact Studies Center (GISC) / IMPRI Impact and Policy Research Institute, New Delhi, from May 6- 9, 2024.
- Completed NEP 2020 Orientation and Sensitization Programme under Malviya Mission Teacher Training Programme of UGC organized by CPDHE from April 15- 25, 2024.

Prof. Uma Dhawan

- Coordinated the IP Awareness/Training program under National Intellectual Property Awareness Mission on November 12, 2024.
- Delivered a talk titled ‘Unfolding the Epigenetic Code: Role of 5-hmC in REM Sleep Deprivation associated Neurodegeneration’ during International Symposium on Ciliate Biology & Interdisciplinary Research organized by Acharya Narendra Dev College, University of Delhi, New Delhi, India in association with Indian Society of Ciliate Biology (ISoCB) on February 7, 2025.
- Completed online Faculty Development Programme on NEP Orientation & Sensitization Programme from Organized by Centre for Professional Development in Higher Education (CPDHE) UGC - Malaviya Mission Teacher Training Centre (MMTTC), University of

Delhi in collaboration with the college and Catholice College, Pathanamthitta, Kerala from January 6-15, 2025.

- Member, Committee of Courses for Post-Graduate and Research Studies for a period of two years w.e.f July 3, 2023, Dr. B. R. Ambedkar Center for Biomedical Research, University of Delhi.
- Member, Board of Research Studies (Sciences), University of Delhi for a period of two years from May 8, 2024.

Dr. Kapil Roy

- Participated in two-day hands-on online workshop on 'E-Content Development for MOOCs,' organised by the Internal Quality Assurance Cell (IQAC) of the college held from February 8–9, 2025.
- Participated and secured Grade 'A' in a one-week Online Faculty Development Program (FDP) on 'Functional Materials for Sustainable Development, organised by the Department of Chemistry and Physics, Netaji Subhas University of Technology (NSUT), Delhi held from January 27–31, 2025.
- Participated in online Faculty Development Programme (FDP) on 'NEP Orientation & Sensitization Programme' organized by the Centre for Professional Development in Higher Education (CPDHE), UGC-Malaviya Mission Teacher Training Centre (MMTTC), University of Delhi, in collaboration with the college held from January 6–15, 2025.

Dr. Neha Singh

- Contributed in the creation of MOOC module on 'Environmental Pollution and Human Health' (Part of MOOC titled 'Environment Policy and Administration') produced by Mr. Tejinder Singh, EMRC Patiala was awarded as Best MOOC in the 26th CEC-UGC Educational Film Festival organized by Consortium for Educational Communication on February 28, 2025.
 - Attended two days online hands-on workshop on 'E-Content Development for MOOCs' organized by Internal Quality Assurance Cell of the college from February 8-9, 2025.
 - Completed NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Centre for Professional Development in Higher Education (UGC - MMTTC), University of Delhi, Delhi from January 6-15 2025.
 - Attended two days hands-on Teacher-Training Program on 'Undergraduate Research and Project-based Learning', organized by Cluster Innovation Center, University of Delhi from January 10-11, 2025.
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- Participated in IP Awareness/Training program under National Intellectual Property Awareness Mission on November 12, 2024.
- Attended webinar on 'Neuroscience of Mantra Chanting' organised by Indian Knowledge System Club of our college on August 24, 2024.
- Attended 'Demonstration of Microscope with an Imaging System', organized at the Microbiology Department of our college on August 12, 2024.
- Completed NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Centre (MM-TTC) of University Grants Commission (UGC) organized by UGC-MMTTC (GAD-MMTTC), Sri Guru Tegh Bahadur Khalsa College, University of Delhi from July 2-12, 2024.
- Attended Faculty Development Program on 'Effective Teaching through E-Content development and Online Pedagogy' organized by AIU-IU-AADC (Association of Indian Universities (AIU) & Integral University, Lucknow (IU), Academic and Administrative Development Centre (AIU-IU-AADC) from May 30-June 3, 2024.

Students Achievements

- Vanshika, our first-year student was awarded 'One Month Bio-IT Internship 2025' from Molelixir Informatics India during Genesis 2025 event at our department on February 28, 2025.
- Vanshika, our first-year student, was awarded Best Interjection in the 7th Annual National Debate Competition under the Dr. Kalam Series on Science and Environment on the motion 'Emerging economies are not yet ready to realise the true potential of blockchain technology' organized by the Department of Science, Lady Irwin College, University of Delhi, on February 21, 2025.
- Rina Choudhary, our third-year student, presented a research paper at the International Astronautical Congress 2024 (IAC 2024), held in Milan, Italy, from October 14-18, 2024.
- Mohd Yusuf, our second-year student, secured a position among the top 10 winners in the Essay Competition held as part of the BioE3 Policy Awareness Campaign, conducted from September 5-10, 2024.
- Sonakshi, our second-year student, delivered an outstanding poster presentation in the Poster Competition organised as part of the BioE3 Policy Awareness Campaign, held from September 5-10, 2024.
- Bisman Kaur, our second-year student, successfully completed the Summer Research School on 'Computational Drug Discovery and Next Generation Sequencing' held at the Institute of Home Economics (IHE), University of Delhi, from June 18-30, 2024.

DEPARTMENT OF BOTANY***Departmental Activities***

- Organized an Industrial field visit to Bio-NEST facility, University of Delhi South Campus on March 27, 2025. Prof. N.S Abbas and Prof. Sujata Bhardwaj were the conveners of the visit. Dr. Shikha Srivastava and Dr. Komal Chaudhary were the coordinators of the visit.
- Organized an educational field visit to DDA Herbal Garden, Sector 19, Dwarka on March 22, 2025. Prof. N.S Abbas and Prof. Sujata Bhardwaj were the conveners of the visit. Dr. Sujata Bhardwaj and Dr. Archana Kumari were the coordinators of the visit.
- Organized a field visit to Qutub Minar on March 5, 2025. Prof. N.S Abbas and Prof. Sujata Bhardwaj were the conveners of the visit and Dr. Komal Chaudhary was the coordinator of the visit.
- Organized the annual fest Blossom-VI on March 4, 2025. An invited lecture was organized under the topic ‘Plant Sciences for Viksit Bharat: Lessons from the Past, Current status and Future Prospects’ Under the theme Celebrating India’s Green Heritage: Virasat aur Viksit Bharat @ 2047’ The resource person for the event was Prof. Arun Jagannath. Prof. N.S Abbas and Prof. Sujata Bhardwaj were the conveners.
- Organized an educational trip to DDA Mehrauli Archaeological Park on February 22, 2025. Prof. N.S Abbas and Prof. Sujata Bhardwaj were the conveners. Dr. Krati Vikram was the coordinator of the visit.
- Organized rangoli competition for students on October 25, 2024. Prof. N.S Abbas and Prof. Sujata Bhardwaj were the conveners. Dr. Shikha Srivastava was the coordinator of the event.
- Organized orientation of first year students on October 24, 2024. Prof. N.S Abbas and Prof. Sujata Bhardwaj were the conveners. Dr. Shikha Srivastava was the coordinator of the event.
- Organized Educational field visit to Tughlaqabad Biodiversity Park on September 24, 2024. Prof. N.S. Abbas and Dr. Sujata Bhardwaj were the conveners. Dr. Krati Vikram and Dr. Komal Chaudhary were the coordinators of the visit.
- Organised online webinar on ‘How Nature Helps You Nurture the Economy’ on the occasion of World Nature Conservation Day on July 28, 2024. Prof. N.S. Abbas and Dr. Sujata Bhardwaj were the conveners. Dr. Shikha Srivastava was the coordinator of the event.

- Organized an invited lecture and a hands-on workshop on ‘Bioinformatics: Rendezvous with NGS - From Genomics to Proteomics’ on April 9, 2024. Prof. N.S. Abbas was the convener, Dr. Garima, Dr. Parul were the coordinators of the event.
- Organized an Educational Field Visit to Botanic Garden of Indian Republic (BGIR), Noida on April 5, 2024. Prof. N.S. Abbas was the convener. Dr. Salam Sonia Devi and Dr. Garima Sharma were the coordinators of the visit.

Faculty Achievements

Prof. Sujata Bhardwaj

- Completed NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission organized by Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi from January 6-15, 2025.
- Completed one-week International online Faculty Development Programme on ‘Revolutionizing Agriculture: Novel Perspectives on Technological Innovation’ organised by Department of Botany, Hansraj College, University of Delhi in collaboration with Mahatma Hansraj MMTTC, Hansraj College, University of Delhi held on April 1-6, 2024.

Prof. N.S. Abbas

- Completed NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi from January 6-15, 2025.

Dr. Salam Sonia Devi

- Completed NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission organized by Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi from January 6-15, 2025.

Dr. Shikha Srivastava

- Delivered a lecture on the Indian Knowledge System for the faculty of Higher Education Institutions (HEIs) at the Malaviya Mission Teacher Training Centre (MMTTC) in Hansraj College, University of Delhi, Delhi on February 20, 2025.
- Attended two days hands-on online workshop on ‘E-Content Development for MOOCs’ organized by Internal Quality Assurance Cell of the college from February 8-9, 2025.

- Attended workshop on online mode on interdisciplinary approaches by Siddhanta Knowledge foundation, Ministry of Education on February 2, 2025.
- Completed NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission Organized by Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi from January 6-15, 2025.
- Participated as a delegate in the 9th International Conference on Human Values in Higher Education (ICHVHE 2024) held in online mode on November 22-24, 2024.
- Delivered a lecture in online mode on 'The Vital First 1000 Days: Nurturing New Lives', organised by Indraprastha Shakti, Delhi, Mother's Kitchen, an initiative to promote traditional nutrition system of Bharat during Celebration of World Breast Feeding week held on August 31, 2024.
- Participated in one-day online webinar on 'Building a Healthier Future: Smart and Affordable Nutrition' organised by Protein Foods and Nutrition development association of India in collaboration with Avinashi Lingam University on August 14, 2024.
- Certified as Master trainer in Indian Knowledge System by Ministry of Education, Govt. of India on August 9, 2024.
- Attended the Aahaar Kranti National meet -2024 held at All India Institute of Ayurveda, New Delhi, Sarita Vihar from July 20-21, 2024.
- Attended the Stage-3: DST programme in IKS on 'Agriculture', 'Botany' and 'Water Management' held at IIT-Indore, Madhya Pradesh from July 1-3, 2024.
- Delivered a lecture through online mode on Nutritional Awareness for Elderly Individuals as part of Aahaar Kranti Awareness Campaign organized by Global Indian Scientists and Technocrats Forum held on June 18, 2024.
- Completed a short-term Faculty Development Programme on Open Educational Resources (OER) under the MMTTP of UGC organized by MMTTC, SNDT Women's University, Mumbai from May 27-June 1, 2024.
- Completed the MOOC on 'Balanced Thinking for Sustainable Health: Overthinker to Thought Leader' offered under Open Education for Better World (OE4BW) Project initiated by UNESCO Chair on Open Technologies for OER and Open Learning and University of Nova Gorica, Slovenia from April 29-May 30, 2024.
- Completed one-week International online Faculty Development Programme on 'Revolutionizing Agriculture: Novel Perspectives on Technological Innovation' organised by Department of Botany, Hansraj College, University of Delhi in collaboration with Mahatma Hansraj MMTTC, Hansraj College, University of Delhi held on April 1-6, 2024.

Students Achievements

- Ms. Shreya Kumari has participated at VIMARSH 2024 the three-day annual conclave of Youth United for Vision and Action (YUVA) and secured second position in singing activity.
- Ms. Anushka Priya has completed her certificate course on Real Time PCR Technique organized by CSIR-Institute of Chemical Biology, Jadavpur, Kolkata, West Bengal held from January 13-17, 2025.
- Ms. Ishra Parveen was awarded third prize in Oral Presentation Competition on topic 'Ozone: Past & Present Scenario' organized by the Department of Botany, Hindu College, University of Delhi on September 17, 2024.
- Mr. Hemant Kumar and Mr. Kartikey Sundriyal have participated in the National Anthem on the occasion of the Independence Day ceremony at Red Fort on August 15, 2024.
- Ms. Naina Kumari has completed the National summer training programme on Research Methodology organised by Department of Biochemistry, Shivaji College, University of Delhi held from June 21-July 19, 2024.
- Ms. Namrata Verma has successfully completed Foundations of Digital Marketing and E-commerce an online non-credit course authorized by Google and offered through Coursera on June 21, 2024

DEPARTMENT OF CHEMISTRY***Departmental Activities***

- Organized annual department fest 'Rasayan Utsav 2025' on February 24, 2025. Various events such as Dumbcharades, Treasure Hunt, Lab Escape Biohazard were organized as a part of fest.
- Organized an invited lecture on 'Career in Management' on February 21, 2025. Ms. Meenakshi Aggarwal, Head, CAT IMS Delhi delivered the lecture and interacted with students.
- Organized Deepotsav and Rangoli Making Activity on October 25, 2024.
- Organized hands-on demonstration (field visit) at University Science Instrumentation Center (USIC), University of Delhi on October 18, 2024.
- Organized orientation meet on September 23, 2024.
- Organized alumni meet 'The Department of Chemistry Alumni Connect: Bridging the Past and Future' on September 23, 2024.

- Organized an invited lecture on 'Future Opportunities in Chemistry' on September 20, 2024. Mr. Pradeep Rajput, CEO, ChemAcademy delivered the lecture and interacted with students.
- Celebrated teacher's Day on September 5, 2024.

Faculty Achievements

Dr. Lalit Kapur

- Successfully completed online NEP Orientation & Sensitization Programme conducted by Centre for Professional Development in Higher Education (CPDHE), UGC - Malaviya Mission Teacher Training Centre (MMTTC), University of Delhi from January 6-15, 2025.

Dr. Swati Gupta

- Successfully completed one-week online FDP on 'Functional Materials for Sustainable Development' organized by Department of Chemistry and Physics, Netaji Subhash Institute of Technology, Delhi from January 27-31, 2025.
- Successfully completed online NEP Orientation & Sensitization Programme conducted by Centre for Professional Development in Higher Education (CPDHE), UGC - Malaviya Mission Teacher Training Centre (MMTTC), University of Delhi from January 6-15, 2025.
- Successfully completed one-week online Faculty Development Programme on 'Fabrication and Characterization of Nanomaterials for Device Applications' organized by School of Basic and Applied Sciences, K. R. Mangalam University, Gurugram in collaboration with Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi from May 27- June 1, 2024.

Dr. Shailja Singh

- Successfully completed online NEP Orientation & Sensitization Programme conducted by Centre for Professional Development in Higher Education (CPDHE), UGC - Malaviya Mission Teacher Training Centre (MMTTC), University of Delhi from January 6-15, 2025.
- Participated in IP Awareness/ Training program under National Intellectual Awareness Mission organized by Intellectual Property Office on November 12, 2024.
- Completed one week Faculty Development Program (FDP) entitled "Advancement in Synthesis and Application of Functional Materials" organized by Department of Chemistry. SRM University from May 27-31 May, 2024.
- Successfully completed Short Term Programme/ Faculty Development Programme entitled "Blended Learning and LMS-MOODLE" with grade 'A' under Malviya Mission Teacher Training Programme of University Grants Commission (UGC) organized by UGC-

MMTTC (GAD-MMTTC), Sri Guru Tegh Bahadur Khalsa College, University of Delhi from May 2-10, 2024.

Dr. Sampat Singh Chauhan

- Successfully completed one-week online FDP on 'Functional Materials for Sustainable Development' organized by Department of Chemistry and Physics, Netaji Subhash Institute of Technology, Delhi from January 27-31, 2025.
- Successfully completed online NEP Orientation & Sensitization Programme conducted by Centre for Professional Development in Higher Education (CPDHE), UGC - Malaviya Mission Teacher Training Centre (MMTTC), University of Delhi from January 6-15, 2025.

DEPARTMENT OF COMPUTER SCIENCE***Departmental Activities***

- Conducted Interface 2025 on March 3, 2025. Dr Jayant Sharma was the convenor. Prof. Sangeeta Srivastava, Ms. Manu Kataria, Dr. Bhavya Deep, Mr. Parveen Kumar, Dr. Asha, Mr. Raj Kumar, Mr. Mohit Lamba, Mr. Anil were the members.
- Organized an Industrial visit to DUCAT on February 18, 2025. Dr Arti Dua, Dr Asha and Dr Jayant were convenors.
- Organized a workshop on 'Future Prospects after Graduation' in collaboration with Career Launcher on February 10, 2025. Dr Arti Dua and Ms Manu Kataria were convenors.
- Organized a workshop on 'Cybersecurity' in collaboration with DUCAT India on September 9, 2024. Dr Arti Dua and Dr Bhavya Deep were convenors.
- Conducted a five-day workshop on 'ICT Tools for Education and Training' from July 2-8, 2024. Dr Arti Dua, Dr Bhavya Deep, Dr. Jayant Sharma and Prof. Eram Rao were convenors.
- Organized an 'Industrial visit to DUCAT' on May 1, 2024. Dr Arti Dua and Ms Manu Kataria were convenors.

Faculty Achievements**Dr. Bhavya Deep**

- Mentor in G20 Empower Mentorship Platform for Women from June 27, 2024-till date.
- Resource person for Workshop on 'ICT Tools for Education and Training' held in the college from 2nd to 8th July, 2024.

Dr. Arti Dua

- Participated as Reviewer of a manuscript for Journal of Software: Evolution and Process (Scopus Indexed Journal) on March 22, 2025.
- Participated in two days hands on online workshop on 'E-Content Development for MOOCs' organized by Internal Quality Assurance Cell of the college from February 8-9, 2025.
- Successfully completed the two weeks online training program for Government Officials on 'Cyber Security Essentials' conducted by C-DAC, Noida under Cyber Shakti Project from December 2-13, 2024.
- Successfully participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on Innovative Approaches: Bridging High-Performance Computing and Data Science at Bharati Vidyapeeth's Institute of Computer Applications and Management from October 14-19, 2024.
- Successfully completed Ph.D. in Computer Science from University of Delhi on July 8, 2024.
- Resource Person in Capacity Building Workshop on ICT Tools held in the college from July 2-8, 2024.

Dr. Jayant Sharma

- Resource person for Workshop on 'ICT Tools for Education and Training' held in the college from July 2-8, 2024.

Students Achievements

- Chirag Verma (Batch 24-28) secured second position in All India National Youth Parliament at National level.
- Chirag Verma (Batch 24-28) served as Cultural President at National level (DUSU).

DEPARTMENT OF ENGLISH***Departmental Activities***

- Organized a Slam Poetry competition in collaboration with 'Atelier' – Capability Enhancement and Literary Club and Department of Mathematics on March 7, 2025.

- Organized a letter-writing competition on the theme ‘Abandoned Island’ in collaboration with ‘Atelier’ – Capability Enhancement and Literary Club and Department of Mathematics on March 6, 2025.
- Organized ‘FUSE- Where Words Meet Dance’ as a part of Organ Donation Awareness program in collaboration with ‘Atelier’ – Capability Enhancement and Literary Club and Department of Mathematics on November 18, 2024.
- Organized an online letter-writing competition on the theme ‘Letters to Freedom Fighters’ in collaboration with ‘Atelier’ – Capability Enhancement and Literary Club and Department of Mathematics from August 10-15, 2024.

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Departmental Activities

- Organized the ‘Environment Ideathon Poster Presentation’ in collaboration with Department of Microbiology on November 21, 2024. The convenors were Dr. Purnima Anand and Dr. Pawas Goswami.

DEPARTMENT OF ELECTRONIC SCIENCE

Departmental Activities

- Organized Intra-departmental Industrial Visit to Ducat, Pitampura on February 21, 2025. Convener Dr. Manoj K. Tiwari, with support from Prof. Geeta Mongia, Ms. Shweta Gupta, Prof. Amit Kumar, and Dr. Jitender Kumar.
- Organized State-level Technical Fest ‘Techmania’ on February 20, 2025. Convener Dr. Manoj K. Tiwari, supported by Prof. Geeta Mongia, Ms. Shweta Gupta, Prof. Amit Kumar, and Dr. Jitender Kumar.
- Conducted Intra-departmental ‘Orientation Program for First Year’ on January 9, 2025. Convener Dr. Manoj K. Tiwari, coordinated by Prof. Inderbir Kaur, Ms. Shweta Gupta, Prof. Amit Kumar, and Dr. Jitender Kumar.
- Conducted Intra-departmental ‘Orientation Program for Third Year’ on January 9, 2025. Convener Dr. Manoj K. Tiwari, coordinated by Prof. Inderbir Kaur, Ms. Shweta Gupta, Prof. Amit Kumar, and Dr. Jitender Kumar.
- Conducted Intra-departmental ‘Orientation Program for Second Year’ on January 7, 2025. Convener Dr. Manoj K. Tiwari, coordinated by Prof. Inderbir Kaur, Ms. Shweta Gupta, Prof. Amit Kumar, and Dr. Jitender Kumar.

- Conducted Intra-departmental program titled ‘Orientation Program for First Year Undergraduates and Celebration of Deepotsav & Rangoli Making Competition’ on October 24, 2024. Convener Dr. Manoj K. Tiwari, with coordination by Prof. Geeta Mongia, Prof. Inderbir Kaur, Prof. Amit Kumar, and Dr. Jitender Kumar.
- Organized field visit ‘Semicon India’ on September 13, 2024. Convener Dr. Manoj K. Tiwari and Dr. Jitender Kumar.

Faculty Achievements

Prof. Inderbir Kaur

- Participated in the Orientation Programme ‘NEP 2020 Orientation & Sensitization Programme’ organized by CPDHE (UGC-MMTTC), University of Delhi from January 6-15, 2025.
- Participated in National Conference ‘Indian Knowledge System: Traditional to Modern Nanotechnology’ organized by Special Centre for Nano Science, JNU; School of Biotechnology, JNU; and Department of Chemistry, Gurukula Kangri Deemed University on December 13, 2024.

Dr. Manoj Tiwari

- Participated and obtained grade A plus in Online Refresher Course on Entrepreneurship Development Programme organized by UGC Malviya Mission Teacher Training Centre (MMTTC), Osmania University, Hyderabad, Telangana from March 7-22, 2025.
- Participated in Turnip Innovation Festival organized by Turnip Innovation and Qualcomm Inc on January 25, 2025.
- Completed NEP 2020 Orientation and Sensitization Programme under Malviya Mission Teacher Training Programme (MMTTP) of University Grants Commission organized by Centre for Professional Development in Higher Education (UGC-MMTTC), University of Delhi from January 6-15, 2025.
- Completed 21 Days Masterclass on Jetson AI organized by Pantech e learning Pvt Ltd Chennai from November 22-December 12, 2024.
- Completed Master Class on STM32 - Nucleo 64 organized by Pantech e learning Pvt Ltd Chennai from September 9-29, 2024.

Dr. Jitender Kumar

- Completed the 'NEP 2020 Orientation & Sensitization Programme' under UGC-MMTTP, organized by CPDHE (UGC-MMTTC), University of Delhi from January 6–15, 2025.
- Completed the Faculty Development Program on 'Effective Teaching through E-Content Development and Online Pedagogy' organized by AIU-IU-AADC from May 30-June 3, 2024.
- Participated in Faculty Development Program on 'New Frontiers in Semiconductor Technology and Quantum Technology' organized by Amity Institute of Nanotechnology, Amity University, Uttar Pradesh, Noida, held from May 13-17, 2024.

Ms. Shweta Gupta

- Participated in Expert Lecture 'Ferroelectric Devices, Circuits and Architectures for AI Hardware Design' held on September 16, 2024.

Prof. Amit Kumar

- Participated in the International Faculty Development Program 'Ethics and Values for Teaching Professionals and Administrators' organized by Rani Anna Government College for Women, Tirunelveli & Globethics Academy, Geneva, Switzerland from November 22-29, 2024.
 - Participated as Member of Technical Programme Committee and Reviewer in IEEE Conference TENSYP-2024 organized by IEEE from September 27-29, 2024.
 - Participated as Reviewer of a manuscript for Advanced Engineering Forum (UGC-CARE Group I Journal) on September 12, 2024.
 - Participated as Reviewer of a manuscript for International Astronomy & Astrophysics Research Journal on September 11, 2024.
 - Participated in 'NEP Orientation & Sensitization Programme' organized by UGC-MMTTC (GAD-MMTTC), SGTB Khalsa College, University of Delhi from August 6-16, 2024.
 - Participated as Reviewer of a manuscript for Advanced Engineering Forum (UGC-CARE Group I Journal) on June 21, 2024.
 - Participated in National Webinar 'Recent Trends in Physical Science' and presented a paper titled 'Prospective End of Moore's Law & Imminent Remedies' organized by Department of Physics, Government Model Science College, Rewa, Madhya Pradesh on May 25, 2024.
 - Participated in five-day online Faculty Development Program 'Sustainable Energy Spectrum: Exploring Trends and Applications in Renewable Resources' organized by
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Mechanical Engineering Department, Army Institute of Technology, Pune, Maharashtra from May 14-20, 2024.

Students Achievements

- Pradeep Kumar Gupta under the supervision of **Prof. Geeta Mongia** presented a paper (oral) titled ‘Advancements in Microbial Fuel Cell-based Biosensors: A Comparative Analysis of Configurations, Sensitivity and Applications’ during the International Conference on ‘Innovations in Science and Technology: A Perspective of Viksit Bharat @ 2047’, organized at Deen Dayal Upadhyaya College, University of Delhi, from March 19–20, 2025.
- Aarushi Saxena under the supervision of **Prof. Inderbir Kaur** and **Prof. Vandana Batra** won Best Oral Presentation on 3rd International Conference on Advanced Functional Materials and Devices (AFMD-2025) organised by ARSD college, University of Delhi, from March 3-5, 2025.
- Utsav Goyal of our department and Tanmay Ranjan Singh (Department of Microbiology) under the supervision of **Prof. Geeta Mongia** presented a poster and won Second Prize in SciVision – Scientific Poster Presentation Competition on the theme ‘Emerging Trends in Biomedical Research: Paving Way for Sustainable Innovations’, organized by the college on February 27, 2025.
- Utsav Goyal of our department and Ankit Baidya (Department of Microbiology) under the supervision of **Prof. Geeta Mongia** presented a poster titled ‘Microbial Fuel Cell Biosensor: Leveraging Electroactive Microorganisms for Carbon Monoxide Detection’ during an International Seminar held at Lakshmibai College, University of Delhi, on February 6–7, 2025.
- Avinash Kumar Gupta and Tanmay Ranjan Singh (Department of Microbiology) under the supervision of **Prof. Geeta Mongia** presented a poster titled ‘Advancements in Microbial Community Analysis in Biosensor for Hazardous Gas Sensing using MFC Technology’ during an International Conference organized by Environment and Social Development Association (ESDA) from November 16–18, 2024.
- Aaushi Saxena, Chinnala Bhargavi, Nidhi Sharma under the supervision of **Prof. Inderbir Kaur** and **Prof. Vandana Batra** won first position in Scientific Poster Competition at World Food Day Conclave: ‘Food for All – Achieving Sustainable Food Systems for Amrit Peed’, organized by PHD Chamber of Commerce and Industries, New Delhi, on October 16, 2024.

DEPARTMENT OF FOOD TECHNOLOGY***Departmental Activities***

- Students from department attended the 80th Annual Conference of AIFPA on Negativity & Myths About Food Processing: The Science Behind Safe and Healthy Food and also AIFPA Food Safety Awards 2024, at Bharat Mandapam, Pragati Maidan, New Delhi held on March 6, 2025. The visit was coordinated by Dr Rizwana and Prof Eram S Rao.
- Successfully hosted the annual departmental fest, FlavoFest, from February 21-22, 2025. A two-day event filled with excitement, knowledge-sharing and cultural festivities on the first day. The second day was dedicated to learning and inspiration, featuring our Alumni Mr. Sohan Singh, Ms. Alka Chauhan and Ms. Vanya Pareek who delivered their expert talks on carrier prospects in Food Technology.
- An educational trip was organized by the Faculty of the Department of Food Technology and Department of Polymer Science along with the students to Indian Institute of Packaging, New Delhi on November 11, 2024. The visit was coordinated by Prof. Meenakshi Garg.
- Organized a webinar on Allergen Awareness on World Food Day in collaboration with the Acheson Group, USA on October 19, 2024. The webinar was co-convened by Dr Rizwana and coordinated by Prof. Shalini Segal.
- An intercollege Recipe Making Competition was organized on ‘Underutilized crops and seeds of India using Indian knowledge systems’ on September 30, 2024. The event was organised by Dr. Rizwana and Prof Eram S. Rao.
- Students and faculty of the department had the enriching opportunity to attend World Food India 2024, held at Pragati Maidan, New Delhi on September 19, 2024. The visit was coordinated by Dr Rizwana and Ms. Manisha Thakur.
- Organized an expert talk on ‘Emerging Trends in Food Processing’ on September 10, 2024. The keynote speakers for the session were Prof. Jeyam Subbiah, Division of Agriculture, University of Arkansas, USA. The talk was convened by Dr Rizwana and coordinated by Prof. Shalini Sehgal.
- Organized an expert talk delivered by Mr. Vijapuri Shivashankar Ishwarappa who shared invaluable experiences in their respective fields, which aimed at enhancing the academic and professional knowledge of students organised by Dr. Rizwana on September 6, 2024.
- Teacher’s day celebration was organized as a heartfelt celebration to honour the dedication and commitment of the esteemed faculty on September 5, 2024.

Faculty Achievements**Dr. Rizwana**

- Attended 80th Annual Conference on Negativity and Myths about Food Processing: The Science behind safe and healthy food organised by AIFPA at Pragati Maidan on March 6, 2025.
- Resource person in the online short-term programme on the topic Valorisation of Fruit Waste and value addition organised by Ramanujam College and SPM college under the aegis of UGC-MMTTP on October 17, 2024
- Special Invitee to the 15th Food World India 2024, The Global Convention for Food Business and Industry at Yashobhoomi, Dwarka New Delhi held on June 5, 2024.
- Attended Cold Chain and Logistics Summit organised by NCCD and FICCI at New Delhi on May 29, 2024.

Prof. Shalini Sehgal

- Attended two-day hands-on online workshop on 'E-Content Development for MOOC' organized by the college on February 8-9, 2025.
- Attended Symposium titled Evaluating and Advancing Student Learning in the Life Sciences organized in collaboration with Shiv Nadar University, Ashoka University and Sri Venkateswara College on February 8, 2025.
- Participated in NEP Orientation and Sensitization Programme jointly organized by CPDHE UGC-MMTTC, University of Delhi in collaboration with the college and Catholice College, Kerala from January 6 - 15, 2025.
- Guest of Honor and Speaker on Nutrition for Today, Sustainability for Tomorrow: Nourishing Health & Preserving Our Planet at NutriThink Nexus - Delhi Chapter on November 25, 2024.
- Keynote speaker on Sustainable Development Goals-Zero Hunger and Zero Waste on the occasion of World Food Day at Sharda University on October 19, 2024.
- Coordinator for the National webinar on Allergen Awareness on World Food Day in collaboration with the Acheson Group, USA on October 19, 2024. The expert speaker was Ms. Ranjeet Klair, Director of Food Safety.
- Resource Person in Online Short-Term Programme on Sustainable Food Development: Integrating Socio-economic, cultural and Political Perspectives in Indian organized by Malviya Mission Teacher Training Centre (MMTTC), Ramanujan College, University of Delhi in Collaboration with Shyama Prasad Mukherji College for Women, University of Delhi from October 14-19, 2024.

- Coordinator for the Expert talk on ‘Emerging Trends in Food Processing’ by Prof. Jeyam Subbiah, Division of Agriculture, University of Arkansas, USA for the students of Department of Food Technology on September 10, 2024.
- Attended ILSI India K-FFIG Seminar on ‘Postbiotics – New Emerging Area in Functional Foods: Health Benefits, Applications in Food Industry & Future Prospects’ held on Tuesday August 13, 2024.
- Coordinator of Short-Term Course on Food Quality and Safety Management Systems in online mode at National Level under the aegis of IQAC of the college along with IITT, Noida from June 26-July 26, 2024.
- Invited speaker on the role of machine learning-driven framework in the foodborne disease surveillance system and Indian Food Safety Regulatory Regime at IAFNA 2024, USA on July 17, 2024.
- Expert speaker in Master Class on Food, Safety and Nutrition on ‘Understanding ICMR and NIN Dietary Guidelines: Ensuring Health and Food Safety’ organized by FICSI and Skill India on June 7, 2024.
- Successfully completed Global Online Certificate Course on Demystifying Environmental and Sustainability Data for Effective Communication in the 21st Century from CSE’s School of Environmental Communications from April 30-May 14, 2024.
- External Expert Member of the Area Advisory Board (AAB) for Amity Institute of Food Technology-Food Science stream 2024-2025.
- Member of Student Research Advisory Committee at Department of Food Technology, SIST, Jamia Hamdard, New Delhi.
- Member of Committee of Courses, Department of Home Science for the year 2024-2025.

Prof Eram S Rao

- Speaker at a panel discussion on ‘Aligning Nutrition Education with the National Education Policy 2020,’ at the Nutrition Conclave 2025 on March 7, 2025.
- Participated in the 80th Annual conference of AIFPA on ‘Negativity and Myths on Food Processing: Science behind safe and Healthy Foods’ at Ahaar, New Delhi on March 6, 2025.
- Speaker at the CII 19th Food Safety Quality and Regulatory Summit on Smart and Environment friendly Solutions for Future Ready Food Systems on ‘Advances in Sensory Science’ at New Delhi on February 25, 2025.

- Speaker at ‘The future of food: Role of informed consumer choices at FICCI Symposium on the ‘Impact of HFSS Food on the Indian Food Processing Industry’ New Delhi on February 12, 2025.
- Attended Unani Day 2025 International conference on ‘Innovations in Unani Medicine for Integrative Health Solutions A Way Forward’ at Vigyan Bhawan, New Delhi on February 11, 2025.
- Participated in ‘Hive to Home: Vision 2030 - Building a Scientific & Sustainable Honey Industry’ seminar at India International Centre, New Delhi on January 29, 2025.
- Attended one week FDP on ‘NEP 2020 and Sensitization programme organized by CPDHE-MMTP from January 6- 15, 2025.
- Participated in Symposium on Computational Gastronomy at IIITD, New Delhi on December 14, 2024.
- Speaker at 3- Day Training Program on Product Formulation for Healthier Choices on ‘Technology involved in sugar and salt reduction’ at FSSAI in association with FSSAI on December 4, 2024.
- Attended a consultative workshop on ‘Street Vending Markets for Indian Cities’ at New Delhi, organized by the Ministry of Housing and Urban Affairs, GoI on November 28, 2024.
- Attended one day seminar on ‘Futuristic Polymers: Innovations, Sustainability and Skill’, organized by Indian Plastic Institute and the college on August 9, 2024.
- Anjana Kumari, Eram S. Rao, Lokesh Rai, Pushkar Singhanian, Dr. Anil Barak and Susmita Dey Sadhu presented poster at New Delhi on Bael Shell: ‘Development and characterization of novel packaging’ at Seminar on Futuristic Polymers: Innovation, Sustainability & Skill on August 9, 2024.
- Anjana Kumari, Eram S Rao, Ritik Kumar Jha, Rohit Mishra, Anil Barak and Susmita Dey Sadhu presented a Poster on Bael shell: Development and characterization of biodegradable Packaging at Seminar on Futuristic Polymers: Innovation, Sustainability & Skill on August 9, 2024.
- Attended NAAC Consultative Workshop on Binary Accreditation Framework -Northern Region, Lucknow U.P. on July 26, 2024.
- Panellist at The American Chamber of Commerce in India (AMCHAM's) Conference on ‘Food Security: Sustainable & Resilient Agri & Food Systems’, New Delhi on July 25, 2024.

- Speaker in the five-day Training Programme on 'Functional Foods, Herbal Medicines based on Ayurveda Ahara & Regulatory Aspects' organized by Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology), and Department of Food Technology, Jamia Hamdard, New Delhi on July 9, 2024.
- Attended a five-day Training program on 'Herbal Medicine, Functional Food based on Ayurveda Ahara and Regulatory Aspects' at Jamia Hamdard from July 8-12, 2024.
- Resource person for imparting training to Food Industry on 'Sensory Science and its Application on Product Development.' for DS group Noida, UP on June 11-12, 2024.
- Invited speaker at FSSAI for World Food Safety Day on 'Food Safety: Prepare for the unexpected' on June 7, 2024.
- Panelist at the Indian Culinary Association Panel Discussion on Rice at IIC, New Delhi on April 6, 2024.
- Speaker 'Toward Healthy Diet from Sustainable Food Systems' in the Asia and the Pacific Food Security Forum 2024 at ADB Headquarters, Manila, Philippines from April 9-12, 2024.
- Speaker at the FICCI 'Scientific Symposium on Processed Foods for Purpose' on April 5, 2024.
- Principal Investigator for Central Council of Research in Unani Medicine, Ministry of Ayush, Govt. of India. Development of Unani Ahaar- Talbeena products; cookies, breakfast cereals and instant dalia.
- Principal Investigator for Praveen Masalewale, Pune for development of Indian Traditional Foods.
- Principal Investigator for Natturz Bio Kontrol Private Limited, New Delhi for Development of various Plant based Vegan food products.

Prof. Meenakshi Garg

- Contribution as Rapporteur at International Summit for Packaging Industry ISPI 2025 organized on March 6-8, 2025, Eros Hotel, New Delhi
- Dr. Priyanka Kumari Singh was awarded the Ph.D. degree in Home Science by the University of Delhi. She qualified for the degree in November 2024, and it was conferred upon her at the convocation held in 2025.
- Resource person at two weeks International Residential Training Programme on Advanced Course on Sustainable Packaging under ITEC scheme of Ministry of External Affairs, Govt. of India at IIP Delhi premises during February 3-13, 2025.

- Participated as a delegate in the Unani Day 2025 & International Conference on 'Innovations in Unani Medicine for Integrative Health Solutions – A way forward' held at Vigyan Bhawan, New Delhi on February 11–12, 2025.
- Resource person at two weeks International Residential Training Programme on Advances in Food and Pharmaceutical Packaging under ITEC scheme of Ministry of External Affairs, Govt. of India at IIP Delhi during December 23, 2024- January 3, 2025.
- Delivered talk on Packaging of Fresh Fruits and Processed Products on October 10, 2024 for the participants of Ten Days Residential Training Programme for Budding/Aspiring Entrepreneur of Arunachal Pradesh at IIP Delhi premises during September 30, 2024 to October 13, 2024.
- Completed a 1-credit, 15-hour online course titled 'Introduction to Ayurveda Dietetics' offered by The University of Trans-Disciplinary Health Sciences & Technology from September 17-30, 2024.
- Provided consultancy services to Naturz Biokontrol, Parween Masalewala and CCRUM, Ministry of Ayush.
- Reviewed manuscripts in 2024 for the Journal of Food Science.
- Awarded second position in poster presentation competition at the one-day seminar on 'Futuristic Polymers: Innovation, Sustainability & Skill' organized by Indian Plastics Institute, Delhi Chapter and Bhaskaracharya College of Applied Sciences, University of Delhi at Eros Hotel, New Delhi on August 9, 2024.
- Coordinated the one-day seminar on Futuristic Polymers: Innovation, Sustainability & Skill organized by Indian Plastics Institute, Delhi Chapter and Bhaskaracharya College of Applied Sciences, University of Delhi held at Eros Hotel, New Delhi on August 9, 2024.

Ms Manisha Thakur

- Faculty Coordinator for organizing Alumni meet in collaboration with alumni committee and alumni society of the college on December 21, 2024.
- Participated in three-day annual conclave of Youth united for vision and action (YUVA) on November 15-17, 2024.
- Presented a poster at world food day conclave food for all at PhD House, New Delhi on October 16, 2024.
- Organised a visit as a faculty coordinator to attend World Food India 2024, held at Pragati Maidan, New Delhi on September 19, 2024.

- Successfully completed the five-day Faculty Development Program on ‘Effective Teaching through E-Content development and Online Pedagogy’ organized by AIU-IU-AADC from May 30-June 3, 2024.
- Faculty coordinator in a DBT project in collaboration with Hindu College, University of Delhi on Development of food fortification programs for combating micronutrient deficiencies of public health on April 11, 2024.

Students Achievements

- Sunny Kumar from third year received a Silver Medal by All India Food Processors association (AIFPA) for Italian Technical Services Award 2024 on March 6, 2025.
- Chhavi Porwal from batch 2021-2021 received University Gold Medal for being the best candidate in B.Sc. (H) Food Technology held in 2024 on February 22, 2025.
- Sunny Kumar from third year is a recipient of PFNDAI-HERBAL merit cum Scholarship for college and university students.
- Sunny Kumar from third year is a recipient of National Scholarship for college and university students.

DEPARTMENT OF HINDI

Departmental Activities

- Organized a meeting with Hon’ble Sh. Arjun Ram Meghwal, Minister of State, Ministry of Law and Justice and visited New Sansad Bhawan and Amrit Udyan, Rastrapati Bhawan, New Delhi in association with Rajbhasha Karyanvayan Samiti on March 28, 2025.
- Organized one-day ‘Hindi workshop’ in association with Rajbhasha Karyanvayan Samiti on December 24, 2024.
- Organized one-day workshop titled ‘Hindi: Ek Rajbhasha ke Roop Mein’ in association with Rajbhasha Karyanvayan Samiti on September 13, 2024. The resource persons were Prof. Harish Arora, (P.G.D.A.V. College, DU) and Prof. Sandhya Garg (Vice-Principal, Janki Devi Memorial College, DU).

DEPARTMENT OF HUMAN COMMUNICATION

Faculty Achievements

Dr. Madhulika Bajpai

- Participated as a delegate in the 15th India Probiotic Symposium ‘Celebrating the Science of Gut Microbiota and Probiotics’ organized by Post Graduate Institute of Medical

Education and Research (PGIMER), Chandigarh in Collaboration with the Gut Microbiota and Probiotic Science Foundation (India) on February 22-23, 2025.

- Attended online two-day National Level Faculty Development Programme titled 'Use of ICT in various types of Assessment and Evaluation' organized by Rashtriya Arts Commerce and Science College, Nagad, Maharashtra & A.C.T. Academy Kerala on February 21-25, 2025.
- Attended NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission organized by Centre for Professional Development in Higher Education (UGC-MMTC) University of Delhi, January 6-15, 2025.
- Participated successfully in IP Awareness/Training program under National Intellectual Property Awareness Mission organized by Intellectual Property Office, India on November 12, 2024.

DEPARTMENT OF INSTRUMENTATION

Departmental Activities

- Organized departmental fest Mnemonics on February 24, 2025.
- Organized a Hands-on Workshop in collaboration with Gentech Marketing & Distribution Pvt. Ltd Alumni meeting in collaboration with the Alumni Committee. by an Alumnus on 'EEG and Blood Pressure Measurement Techniques' on February 18, 2025.
- Organized a Hands-on Training Program on 'Biosignal Acquisition and Processing' in association with Gentech Marketing & Distribution Pvt. Ltd. on October 10, 2024.
- Organized an Industrial visit to Semicon India, Greater Noida, Uttar Pradesh in collaboration with the Department of Electronic Science on September 13, 2024.
- Organized an expert lecture on 'Opportunities in VLSI: Present and Future', featuring Dr. Avtar Singh, Associate Professor at the University of Ethiopia, as the distinguished resource person on August 23, 2024.

Faculty Achievements

Ms. Shweta Dua

- Contributed as Faculty coordinator of Hands-on workshop on 'EEG and Blood Pressure Measurement Techniques' organized by Department of Instrumentation in association with Alumni Committee and Gentech Marketing & Distribution Pvt. Ltd on February 18, 2025.

- Participated as Faculty Coordinator in Alumni Meet organized by the Alumni Society of the college on December 21, 2024.
- Participated in webinar on 'प्रस्थात्रयी : एक परिचय' organized by Indian Knowledge System Club 'विवस्वान' of the college on November 12, 2024.
- Participated in webinar on 'अंतरमौन अभ्यास का महत्व' organized by Indian Knowledge System Club 'विवस्वान' of the college on October 2, 2024.
- Participated as Faculty Coordinator in Hands-on Training Program on 'Biosignal Acquisition and Processing' organized by Department of Instrumentation, of the college in association with Gentech Marketing & Distribution Pvt. Ltd. on October 1, 2024.
- Participated in oral presentation in International Conference on 'Semiconductor Technologies – Materials to Chips' organized by Amity University, Noida from September 18–20, 2024.
- Attended 'Demonstration of Microscope with an Imaging System' organized by the Department of Microbiology on August 12, 2024.

Dr. Manoj Kumar

- Completed the 'NEP 2020 Orientation & Sensitization Programme' under UGC-MMTTP, organized by CPDHE (UGC-MMTTC), University of Delhi from January 6–15, 2025.
 - Awarded Best oral presentation titled 'Design of Highly Sensitive Refractive Index Sensor Using Lossy Modes Si Thin Film' in a one-day National Conference on "Indian Knowledge System: Traditional to Modern Nanotechnology" jointly organized by the Special Centre for Nano Science, JNU, School of Biotechnology, JNU and Department of Chemistry, Gurukula Kangri Deemed University conducted on December 13, 2024.
 - Participated in a one-day National Conference on 'Indian Knowledge System: Traditional to Modern Nanotechnology' jointly organized by the Special Centre for Nano Science, JNU, School of Biotechnology, JNU and Department of Chemistry, Gurukula Kangri Deemed University conducted on December 13, 2024.
 - Participated in the webinar on 'अंतरमौन अभ्यास का महत्व' organized by Indian Knowledge System Club 'विवस्वान' of the college on October 2, 2024.
 - Participated in webinar on 'Neuroscience of Mantra Chanting' organized by Indian Knowledge System Club 'विवस्वान' of the college on August 24, 2024.
 - Participated in an expert lecture on 'Opportunities in VLSI: Present and Future' organized by department of Instrumentation on August 23, 2024.
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Dr. Amandeep Kaur

- Oral presentation titled 'Greening Mobility: Sustainable Innovations for Future Transportation' during the International Conference on Innovations in Science and Technology: A Perspective of Viksit Bharat @ 2047, organized by the Science Foundation under the aegis of the DBT Star College Status Scheme, Deen Dayal Upadhyaya College (University of Delhi), and supported by the National Academy of Sciences India, Allahabad-Delhi Chapter & IEEE Electron Device Society-Delhi Chapter, held on March 19–20, 2025.
- Contributed and participated as Faculty Coordinator in the Two-Day Hands-on Workshop on 'E-Content Development for MOOC' organized by Internal Quality Assurance Cell of the college Delhi from February 8–9, 2025.
- Completed the 'NEP 2020 Orientation & Sensitization Programme' under UGC-MMTTP, organized by CPDHE (UGC-MMTTC), University of Delhi from January 6–15, 2025.
- Participated in the IP Awareness/Training Program under the National Intellectual Property Awareness Mission organized by the Intellectual Property Office, India on November 12, 2024.
- Participated in the hands-on Training Program on 'Biosignal Acquisition and Processing' organized by Department of Instrumentation of the college in association with Gentech Marketing & Distribution Pvt. Ltd. on October 1, 2024.
- Participated in the webinar on 'AI and Google Tools in Education' organized by Dynamic Minds Group on July 14, 2024.
- Completed the Faculty Development Program on 'Effective Teaching through E-Content Development and Online Pedagogy' organized by AIU-IU-AADC from May 30-June 3, 2024.

DEPARTMENT OF MATHEMATICS***Departmental Activities***

- Organized a Slam Poetry competition in collaboration with 'Atelier' – Capability Enhancement and Literary Club and Department of English on March 7, 2025.
 - Organized a letter-writing competition on the theme 'Abandoned Island' in collaboration with 'Atelier' – Capability Enhancement and Literary Club and Department of English on March 6, 2025.
 - Celebrated National Mathematics Day by organising a webinar titled 'Srinivasa Ramanujan-An Integration of Intuition and Innovation' on December 22, 2024. Prof. Preeti
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Dharmarha from Hansraj College delivered the keynote address. The event coordinated by Dr. Neeru Sharma (TIC) and Dr. Ragini Jindal (faculty) witnessed active participation.

- Organized an online letter-writing competition on the theme 'Letters to Freedom Fighters' in collaboration with 'Atelier' - Capability Enhancement and Literary Club and Department of English from August 10-15, 2024.

Faculty Achievements

Dr. Ragini Jindal

- Participated in International Conference ICRTM-2025 organized by the Department of Mathematics, Hansraj College, University of Delhi from February 7-8, 2025.
- Completed the online NEP 2020 Orientation and Sensitization Programme (FDP) organized by CPDHE UGC-MMTTC, University of Delhi in collaboration with the college and Catholice College, Kerala from January 6-15, 2025.
- Contributed as Convener in Vigilance Awareness Walkathon organised by the college on November 18, 2024.
- Contributed as Convener in Essay Competition on 'सत्यनिष्ठा की संस्कृति से राष्ट्र की समृद्धि' / 'Culture of Integrity for Nation's Prosperity' organised by the college from November 8-13, 2024.
- Contributed as Convener in Poster Competition on 'सत्यनिष्ठा की संस्कृति से राष्ट्र की समृद्धि' / 'Culture of Integrity for Nation's Prosperity' organised by the college from November 8-13, 2024.
- Successfully completed online certificate course on Foundations of Machine Learning organized by Zakir Husain Delhi College from March 18-May 8, 2024.

Dr. Neeru Sharma

- Participated in hands on workshop on 'E-Content Development for MOOC's' organised by IQAC of the college from February 8-9, 2025.
 - Participated in online NEP 2020 Orientation and Sensitization Programme (FDP) organised by CPDHE from January 6-15, 2025.
 - Participated in the National Workshop on Ancient Indian Mathematics organized by Deshbandhu College, University of Delhi on October 24, 2024.
 - Participated in the National Workshop on Stochastic Calculus and Mathematical Finance organized by Rajdhani College, University of Delhi on October 18, 2024.
 - Participated in online NEP Orientation and Sensitization Programme (FDP) organized by CPDHE from July 2-11, 2024.
 - Participated in the National webinar on Role of Mathematical Sciences organised by the Department of Mathematics, Satyawati College, University of Delhi on July 3, 2024.
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- Participated in the National webinar on Vedic Mathematics organised by the Department of Mathematics, Satyawati College, University of Delhi on July 3, 2024.
- Participated in online Basic Concept and Scientific Writing in LaTeX organized by Harcourt Butler Technical University, Kanpur, India on June 11, 2024.

DEPARTMENT OF MICROBIOLOGY

Departmental Activities

- Organized a visit for third-year students to BioNEST-UDSC to see the different parts of the fermentor on March 3, 2025. The organizing team included Dr. Purnima Anand, Dr. N Vijaya Kumar, Dr. Pawas Goswami, and Dr. Kamlesh Kant Nutan. The two faculty members Dr. Ratyakshi and Dr. Neeru Bhagat accompanied the students.
- Organized departmental fest Microquest on February 21, 2025. As part of Microquest'25, two expert talks were organized, one titled 'Adaptation to Non-Antibiotic Antimicrobials' delivered by Prof. Andrew McBain, Professor of Microbiology, Faculty of Biology, Medicine and Health, The University of Manchester, United Kingdom on February 18, 2025 and the other titled 'Bioenergetic Plasticity and Bacterial Adaptation' by Dr. Amitesh Anand, Reader and Principal Investigator, Department of Biological Sciences, Tata Institute of Fundamental Research (TIFR), Mumbai on February 15, 2025. The pre-events included the Streak Art competition, Microbio Cineworld (a Cinematic Poster Making Competition), Micro Blitz (Quiz Competition), and Crime under Lens. The main day events included a Research and Innovation showcase, Picto Jam, and Microbial Mingle. The convenor was Dr. Ruchi Gulati Marwah. The organising team included Dr. Purnima Anand and Dr. N Vijaya Kumar. The faculty coordinators included Dr. Pawas Goswami, Dr. Ratyakshi, Dr. Neeru Bhagat, and Dr. Kamlesh Kant Nutan.
- Organized a workshop on 'The Nukkad Theory' in association with the Dramatics Club by our distinguished alumni Archana Jaiswal, Department of Genetics, University of Delhi South Campus and Deepanshi Karwall, Faculty of Science and Engineering, University of Manchester, United Kingdom, on February 3, 2025. The conveners were Dr. Ruchi Gulati Marwah, Dr. Purnima Anand, Dr. N Vijaya Kumar, and Dr. Kapil Roy. The organizing members were Dr. Pawas Goswami, Dr. Vijaya Kumar, Dr. Ratyakshi, Dr. Neeru Bhagat, Dr. Kamlesh Kant Nutan, Dr. Swati Gupta, Dr. Salam Sonia, and Dr. Harendra Kumar.
- Organized Alumni interaction and lecture on 'Targeted drug discovery and Delivery: The Two Pillars of Precision Medicine' by our distinguished alumnus Dr. Prateek Bhardwaj, Postdoctoral associate, Department of Therapeutic Radiology, Yale School of Medicine, USA on January 28, 2025. The organizing committee included Dr. Purnima Anand and Dr. N Vijaya Kumar. The members included Dr. Ruchi Gulati Marwah, Dr. Pawas Goswami, Dr. Ratyakshi, Dr. Neeru Bhagat and Dr. Kamlesh Kant Nutan.

- Organized Shodh Vaarta, Idea Presentation- An Interdepartmental Scientific Poster Presentation Competition in association with Department of Environmental Sciences on November 18, 2024. The conveners were Dr. Purnima Anand and Dr. Pawas Goswami. The faculty coordinators were Dr. Vijaya Kumar, Dr. Ratyakshi, Dr. Neeru Bhagat, Dr. Catherine S Paul, Dr. Kamlesh Kant Nutan, Dr. Anshuman Gunawat and Ms Pooja Kumari.
- Organized ‘Scientific Symposium – Research Paper Presentations’ on November 11, 2024 and November 20, 2024. The conveners were Dr. N Vijaya Kumar, Dr. Purnima Anand and Dr. Pawas Goswami. The faculty coordinators were Dr. Ratyakshi, Dr. Neeru Bhagat, Dr. Catherine S Paul, and Dr. Kamlesh Kant Nutan.
- Organized the ‘Environment Ideathon - Poster Presentation’ in association with Department of Environmental Science on November 21, 2024. The conveners were Dr. Purnima Anand and Dr. Pawas Goswami. The organising committee included Dr. N Vijaya Kumar, Dr. Ratyakshi, Dr. Neeru Bhagat, Dr. Catherine S Paul, Dr. Kamlesh Kant Nutan, Dr. Anshuman Gunawat and Ms Pooja Kumari.
- Organized a visit to the Indian Agricultural Research Institute (IARI), Pusa on November 18, 2024. The coordinators were Dr. Purnima Anand and Dr. Ratyakshi.
- Organized workshop on ‘Fundamentals of Canva Designing’ in association with Akriti- The Modern and Fine Arts Club on November 9, 2024. The resource person was Mr Kuntak Saha, Alumnus (Batch 2021-24), Department of Microbiology. The conveners were Dr. Purnima Anand and Dr. Catherine S Paul. The organizing committee members included Dr. N Vijaya Kumar, Dr. Pawas Goswami, Dr. Neeru Bhagat, Dr. Catherine S Paul, and Dr. Kamlesh Kant Nutan. Dr. Shailja Singh, and Dr. Anjali Saxena.
- Organized a Rangoli-making competition in collaboration with Akriti - The Fine Arts Club and Microbiologists Society of India (MBSI) on October 1, 2024. The conveners were Dr. Purnima Anand and Dr. Catherine S Paul.
- Organized a pre-round to for calendar-making competition in which three groups consisting of 5 students designed a prototype calendar of one month. One group was selected to prepare the calendar for National Calendar-making competition organized by Microbiologists Society (MBSI). The mentors were Dr. Purnima Anand and Dr. Neeru Bhagat. The calendar was selected as best, and it was printed, and circulated in the entire Nation.
- Organized ‘Demonstration of Microscope with an Imaging System’ on August 12, 2024. The coordinators were Dr. Purnima Anand and Dr. Pawas Goswami.

Faculty Achievements**Dr. N Vijaya Kumar**

- Attended a session on 'Epidemic Management' held by Administrative Staff College of India (New Delhi) and received a certificate of participation for interaction with Smt Preeti Sudan, Chairperson (Retd), UPSC on January 22, 2025.
- Reviewed a book titled 'RNA, the Epicenter of Genetic Information' by John Mattick and Paulo Amaral with publisher Taylor and Francis group on January 15, 2025.
- Completed and received a certificate for the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, organized by CPDHE (UGC-MMTTC), University of Delhi held from January 6-15, 2025.
- Attended as a Resource Person to give training on Vulnerability Mapping for DLAE-2025, in a training session held by Office of the Electoral Registration Officer at GGSSS Kakrola, Delhi on December 20, 2024.
- Received a certificate of appreciation for being a resource person and delivering a special live session on 'Swachhta and Waste Management in the Contemporary Times' organized by IGNOU Regional Centre-3, New Delhi, on September 21, 2024.

Dr. Purnima Anand

- Participated in celebration of International Women's Day 2025 organized by Women Development Cell on March 3, 2025.
- Attended the Prof. Anil Kumar Bali memorial lecture on 'Development of Plant Based Veterinary Vaccine Against Anthrax: Recent Developments and Way Forward' organised by Department of Zoology of the college on January 21, 2025.
- Participated in the online NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme (MMTTP) of UGC organized by CPDHE (UGC MMTTC), University of Delhi, conducted from January 6-15, 2025.
- Participated in Awareness/Training Program under National Intellectual Property Awareness Mission (NIPAM) organized jointly by Intellectual Property Office, India, and our college on November 12, 2024.
- Attended the 'Demonstration of Microscope with an Imaging System' organized by Department of Microbiology of the college on August 12, 2024.
- Attended Expert talk on Emerging Trends Food Processing by Professor Jeyam Subbiah, University of Arkansas, USA held on September 10, 2024.
- Gave invited talk on NAAC preparation at Institute of Home Economics on June 13, 2024.

- Taken the Organ Donation Pledge on May 28, 2024.

Dr. Pawas Goswami

- Participated in a short-term course on 'Bioinformatics: Basics to Advanced' organized by the Department of Zoology, of the college from September 16-October 1, 2024.

Dr. Ratyakshi

- Participated in the online NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme (MMTTP) of UGC organized by CPDHE (UGC MMTTC), University of Delhi, conducted from January 6-15, 2025.
- Participated in Awareness/Training Program under National Intellectual Property Awareness Mission (NIPAM) organized jointly by Intellectual Property Office, India, and the college on November 12, 2024.
- Attended the 'Demonstration of Microscope with an Imaging System' organized by Department of Microbiology of the college on August 12, 2024.

Dr. Neeru Bhagat

- Participated in the online expert talk on 'Typhoid Fever: Pathogenesis, Antimicrobial Resistance (AMR) and Vaccination Strategies' organized by the MBSI SSNC DU Student Unit, University and Microbiologists Society, India on March 2, 2025.
- Participated in a two-day hands-on workshop on E-content development for MOOCs organized by IQAC of the college from February 8-9, 2025
- Participated in the online NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme (MMTTP) of UGC organized by CPDHE (UGC MMTTC), University of Delhi, conducted from January 6-15, 2025.
- Participated in Awareness/Training Program under National Intellectual Property Awareness Mission (NIPAM) organized jointly by Intellectual Property Office, India, and the college on November 12, 2024.
- Awarded appreciation certificate as mentor of five students in their second year of Microbiology, secured first prize in the National Calendar Making competition 2025 organized by Microbiologists Society, India.
- Appointed as State Coordinator for the Delhi Unit of the Microbiologists Society, India, for the academic year 2024-25 from June 1, 2024.

Students Achievements

- Ashish Jayant, batch 2023-27, secured first position in 'Idea Presentation' organised under Annual Fest, MikroVitae'25, by Ram Lal Anand College, University of Delhi on March 5, 2025.
- Aaryan Srivastav, batch 2023-27, secured first position in 'Idea Presentation' organised under Annual Fest, MikroVitae'25, by Ram Lal Anand College, University of Delhi on March 5, 2025.
- Tanmay Ranjan Singh of our department along with Utsav Goya, Department of Electronic Science under the supervision of Prof. Geeta Mongia (Department of Electronic Science) presented a poster and won second prize in SciVision – Scientific Poster Competition on the theme 'Emerging Trends in Biomedical Research: Paving way for Sustainable Innovations' organized by the college on February 27, 2025.
- Himanshu Kumar Yadav, batch 2024-28 secured the second position in the Food-o-Shark Tank organized at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi held on February 24-25, 2025.
- Anjali Chaurasia, batch 2023-27, secured second prize in the 'Reel-e-Microbe' during the Annual Department Fest, Microquest'25 organised by Sukshmjeev Society, Department of Microbiology of our college on February 21, 2025.
- Ashish Jayant, batch 2023-27, secured second prize in the 'Reel-e-Microbe' during the Annual Department Fest, Microquest'25 organised by Sukshmjeev Society, Department of Microbiology of our college on February 21, 2025.
- Shashwat S Nair, batch 2022-26, secured first position in Research & Innovation Showcase, a scientific poster presentation competition organised under MicroQuest'25 by Sukshmjeev Society, Department of Microbiology of our college held on February 21, 2025
- Rajdeep Das, batch 2023-27, secured second position in Research & Innovation Showcase, a scientific poster presentation competition organised under MicroQuest'25 by Sukshmjeev Society, Department of Microbiology of our college held on February 21, 2025
- Shashwat S Nair, batch 2022-26, secured First position in Microgiggle 2.0, a scientific meme making competition organised under MicroQuest'25 by Sukshmjeev Society, Department of Microbiology of our college held on February 21, 2025
- Aaryan Srivastav, batch 2023-27, secured the second position in the 'PICTO-JAM' during the Annual Department Fest, Microquest' 25 organised by Sukshmjeev Society, Department of Microbiology, of the college on February 19, 2025.

- Shashwat S Nair, batch 2022-26, secured first position in MicroBlitz, a Quiz competition organised during the Annual Department Fest, Microquest' 25 organised by Sukshmjeev Society, Department of Microbiology, of the college on February 19, 2025.
- Shashwat S Nair, batch 2022-26 secured first position in the Microbioword; A crossword puzzle competition in the 23rd National Level Microbiolympiad organized by Department of Microbiology, Government Institute of Science, Chhatrapati Sambhajinagar on January 18, 2025.
- Aaryan Srivastav, batch 2023-27, secured first prize in the National Calendar Making Competition 2025 organised by the Microbiologists Society, India (MBSI).
- Ashish Jayant, batch 2023-27, secured first prize in the National Calendar Making Competition 2025 organised by the Microbiologists Society, India (MBSI).
- Aakash Singh Kaira, batch 2023-27, secured first prize in the National Calendar Making Competition 2025 organised by the Microbiologists Society, India (MBSI).
- Rajdeep Das, batch 2023-27, secured first prize in the National Calendar Making Competition 2025 organised by the Microbiologists Society, India (MBSI).
- Anjali Chaurasia, batch 2023-27, secured first prize in the National Calendar Making Competition 2025 organised by the Microbiologists Society, India (MBSI).
- Rhishav Basak, batch 2024-28, secured first prize in Agar Artistry - Unveil the Artistic Side, organized under Micro Marathon 3.0 organized by Microbiologika, Department of Microbiology, Ram Lal Anand College, University of Delhi on November 12, 2024.
- Sana Alam, batch 2024-28, secured first prize in Agar Artistry - Unveil the Artistic Side, organized under Micro Marathon 3.0 organized by Microbiologika, Department of Microbiology, Ram Lal Anand College, University of Delhi on November 12, 2024.
- Rajdeep Das, batch 2023-27, secured First Position in Scientific Poster Presentation Competition on the theme 'AI in Microbiology' organized under Microblaze, Annual Technical Fest 2024 by Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi on October 24, 2024.
- Vasu Madan, batch 2022-26, secured third position under the category Cartooning in Inter College Fine Arts Competition organized by Culture Council and Hansraj College, University of Delhi on October 22, 2024.
- Ashish Jayant, batch 2023-27, secured first position in Poster Making Competition organised by Women Development Cell in collaboration with Akriti held in September 22, 2024.

- Anjali Chaurasia, batch 2023-27, secured first position in Poster Making Competition organised by Women Development Cell in collaboration with Akriti held in September 22, 2024.
- Rajdeep Das, batch 2023-27, secured first position in Micro-Maestro, Quiz competition, organized on International Microorganism Day, by Mikrobiologika, Department of Microbiology, Ram Lal Anand College, University of Delhi on September 18, 2024.
- Rajdeep Das, batch 2023-27, secured first Position in ‘Microbial Art Showcase’ - Poster Designing and Presenting Competition, organized on the occasion of International Microorganism Day, by Mikrobiologika, Department of Microbiology, Ram Lal Anand College, University of Delhi on September 18, 2024.
- Our college's rangoli competition entries were selected in the undergraduate category among the top 14 colleges organized by MBSI. The college received memento for the same.

DEPARTMENT OF PHYSICS

Departmental Activities

- Physics Society Qubit organised its annual fest ‘Episteme 2025’ which had variety of technical and non-technical events on February 27, 2025.
- Physics society Qubit celebrated ‘International year of Quantum Science and Technology’ by organizing a series of activities coordinated by Dr Herendra Kumar and Prof Meetu Luthra was the convener. A lecture by our alumnus Vardaan Sehgal on ‘Quantum Computing and Career Opportunities’ was organized on March 3, 2025. A workshop on Quantum Information by Rajan Chopra titled ‘Schrodinger’s Code’ was organised on February 27, 2025.
- Organised an orientation program for the second-year and third year students to make them familiar with the elective courses and skill and value-based courses available for them for the new semester on January 6-7, 2025. The program was coordinated by Dr Herendra Kumar and Prof Meetu Luthra was the convener.
- Physics Society Qubit organised a talk by our alumnus Deepak Gupta titled ‘Exploring the basis of Memristors’ on October 3, 2024.
- Organised a visit to NPL on its open day October 1, 2024. 40 students visited NPL and interacted with the scientists along with Dr. Herendra Kumar.

‘Faculty Achievements**Prof. Vandana Batra**

- Participated in the National Workshop on ‘Statistical Methods and Data Analysis Techniques in Astrophysics’ organised by Department of Physics and Electronics, Hansraj College, University of Delhi under the aegis of ANRF-DST during March 7-8, 2025.
- Completed ‘NEP 2020 Orientation & Sensitization Programme’ under UGC-MMTTP organized by CPDHE (UGC-MMTTC), University of Delhi from January 6-15, 2025.
- Participated in a one-day National Conference on ‘Indian Knowledge System: Traditional to Modern Nanotechnology’ jointly organized by the Special Centre for Nano Science, JNU, School of Biotechnology, JNU and Department of Chemistry, Gurukula Kangri Deemed University conducted on December 13, 2024.

Prof. Meetu Luthra

- Completed an online workshop on ‘Quantum Revolution, a journey across orbits’ organised by Indian association of Physics teachers RC12A and AACST from February 4-14, 2025.
- Participated in two days hands on Workshop on ‘E-content development for MOOCs’ organised by IQAC of the college from February 8-9, 2025.
- Completed ‘NEP 2020 Orientation & Sensitization Programme’ under UGC-MMTTP organized by CPDHE (UGC-MMTTC), University of Delhi from January 6-15, 2025.
- Participated in IP awareness/training program under IPR awareness mission organised by Intellectual Property office, India on November 12, 2024.
- Participated in the webinar on ‘Antarmaun, Abhyaas ka Mahatva’ organised by Indian Knowledge systems club of the college held on October 2, 2024.
- Completed FDP on ‘Density Functional theory computation of molecules using gaussian’organised by Centre for advanced computational research, Delhi from April 30-May 6, 2024.

Dr. Sandeep Kumar

- Received Certificate of Reviewing for the journal ‘Ceramics International (Elsevier)’.

Student Achievements

- Aman Kumar of third year and his team under the mentorship of **Prof Vandana Batra** and **Prof Inderbir Kaur** received the first position in Scientific Poster competition at World food day conclave ‘FOOD FOR ALL achieving sustainable food systems’ for Amrit peed organized by PHD Chamber of commerce and industries, New Delhi held on October 16, 2024.

DEPARTMENT OF POLYMER SCIENCE

Departmental Activities

- Organised fest 'Cross Link-2025' by department of Polymer Science (PEARLS Society) on February 18, 2025.
- Organised one-day seminar on 'Futuristic Polymer Innovation, Sustainability & Skill' on August 9, 2024. Organizing committee member Dr. Anil Barak
- Organised an educational trip to Indian Institute of Packaging (IIP), Patparganj, Delhi for Polymer Science and Food Technology third year students on November 11, 2024. Prof. Susmita Dey Sadhu and Prof Meenakshi Garg were the conveners. The coordinators were Dr. Krishna Dutt and Dr. Anil Barak.

Faculty Achievements

Prof. Sidhharth Sirohi

- Co-Coordinator in NEP Orientation and Sensitization conducted by CPDHE, University of Delhi, our college & Catholice College (MG University, Kerala under aegis of Malaviya Mission Teacher Training Programme (MMTTP) during January 6-15, 2025.
- Completed project 'Development of eco-friendly and sustainable natural dyes from plant extract', Ministry of Education, Govt. of India"
- Chaired Technical session in APA _EPNOE -GFL International Conference on Polymers for Advanced Technology at Jaipur (Rajasthan) during October 16-18, 2024.
- Delivered invited lecture 'Tuning the physicochemical and dielectric properties of chitosan/graphene nanocomposites' in APA _EPNOE -GFL International Conference on Polymers for Advanced Technology at Jaipur (Rajasthan) during October 16-18, 2024.
- Participated in Nurturing Future Leadership Program conducted by IIM Indore under aegis of Malaviya Mission Teacher Training Programme (MMTTP) during July 8-12, 2024.

Dr. Sushmita D Sadhu

- Invited to contribute for the syllabus formulation of the PhD packaging technology.
- Speaker in Virtual Event - 7th Edition of Advanced Materials Science World Congress held during March 24-26, 2025.

- Invitation to deliver lecture during Two Weeks International Residential Training Programme on Packaging Technology under ITEC scheme of Ministry of External Affairs, Govt. of India at IIP Delhi during December 30, 2024 to January 9, 2025.
- Convener for one day seminar on Innovations and Future Opportunities in Polymers organised by Pulse Society of Department of Polymer Science on November 14, 2024.

Dr. Anil Barak

- Participated in NEP Orientation and Sensitization conducted by CPDHE, University of Delhi, our college & Catholocate College (MG University, Kerala under aegis of Malaviya Mission Teacher Training Programme (MMTTP) during January 6-15, 2025.
- Participated in the webinar on “भगवद्गीता में कर्म योग” through Microsoft Teams organized by Indian Knowledge System Club, of the college held on December 11, 2024.
- Participated on one-day seminar on ‘Innovations and Future Opportunities in Polymers’ organized by Department of Polymer Science (PEARLS) at the college on November 14, 2024.
- Participated in Scientific Poster Competition at World Food Day Conclave ‘Food for All’ organized by PHD chamber of commerce and Industry at PHD house, New Delhi on October 16, 2024.
- Member of organizing committee in one day seminar on Futuristic Polymers: Innovation, Sustainability & Skill held in Eros Hotel, New Delhi on August 9, 2024.

Dr. Anoop Saini

- Participated in NEP Orientation and Sensitization conducted by at CPDHE, University of Delhi, our college & Catholocate College (MG University, Kerala under aegis of Malaviya Mission Teacher Training Programme (MMTTP) during January 6-15, 2025.
- Participated on one day seminar on ‘Innovations and Future Opportunities in Polymers’ organized by Department of Polymer Science (PEARLS) at the college on November 14, 2024.

Dr. Krishna Dutt

- Participated in NEP Orientation and Sensitization conducted by at CPDHE, University of Delhi, college & Catholocate College (MG University, Kerala under aegis of Malaviya Mission Teacher Training Programme (MMTTP) during January 6-15, 2025.

Students Achievements

- Aakansha and Anushka presented a poster entitled 'Peel Waste Management by Cutlery Making (3D Molds)' at the seminar on 'Futuristic Polymers: Innovation, Sustainability, and Skill' on August 9, 2024.
- Amit and Piyush presented a poster entitled 'Effect of Lemon Peel and Zinc Oxide of Nanoparticles Coating on Shelf Life of Bananas' at the seminar on 'Futuristic Polymers: Innovation, Sustainability, and Skill' on August 9, 2024.
- Anushka Yadav presented a poster entitled 'Synthesis of Novel Step Bases From Biologically Important Ingredients' at the seminar on 'Futuristic Polymers: Innovation, Sustainability, and Skill' on August 9, 2024.
- Rithik Kumar Jha and Rohit Mishra presented a poster on 'Bael shell: Development and Characterization of Biodegradable Packaging' at the seminar on 'Futuristic Polymers: Innovation, Sustainability, and Skill' on August 9, 2024.
- Shaquib Ahmed and Prince presented a poster titled 'Synthesis and Characterization of Novel Polythiophene- PVC composite for Opto-electrical Application' at the seminar on 'Futuristic Polymers: Innovation, Sustainability, and Skill' on August 9, 2024.

DEPARTMENT OF ZOOLOGY***Departmental Activities***

- Organized a lecture on World Tuberculosis Day on March 24, 2025.
- Organized a visit to Zoological National Park on February 18, 2025.
- Organized the Prof. Anil Kumar Bali Memorial Lecture titled 'Development of Plant-Based Veterinary Vaccine Against Anthrax: Recent Developments and Way Forward' on January 21, 2025.
- Organized a seminar titled 'Pollution Causing Harmful Algal Blooms' on November 18, 2024.
- Organized a seminar titled 'The Microbiome Connection: Bridging Microbial Life and Human' on September 4, 2024.
- Organized a Training cum Workshop on Fire Safety with Administration Section on April 12, 2024.

Faculty Achievements**Dr. Alivia Roy**

- Completed an online FDP on NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission organized by Centre for Professional Development in Higher Education (UGC-MMTC) University of Delhi, January 6-15, 2025.
- Participated successfully in IP Awareness/Training program under National Intellectual Property Awareness mission organized by Intellectual Property Office, India on November 12, 2024.
- Participated in online webinar ‘Neuroscience of Mantra Chanting’ organized by Indian Knowledge System Club of the college on August 24, 2024.
- Participated in ‘Demonstration of Microscope with an Imaging System’ organized by Sukshmjeev Society, Department of Microbiology, of the college on August 12, 2024.
- Participated in the online webinar ‘How Nature Heps You Nurture the Economy’ organized by Department of Botany of the college on July 28, 2024.
- Participated in the webinar on the topic ‘An introduction to Power BI’ organized under DS Kothari Centre for Research and Innovation in Science Education Summer Internship Program organized by Department of Zoology, Miranda House, University of Delhi on July 13, 2024.

Dr. Amit Kumar Singh

- Completed an online FDP on NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission organized by Centre for Professional Development in Higher Education (UGC-MMTC) University of Delhi, January 6-15, 2025.
 - Completed one week online National Faculty Development Program Organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC/GAD-MMTTC), SGTB Khalsa College, University of Delhi in Collaboration with Indian Cancer Society, Delhi August 13-24, 2024.
 - Completed one week Faculty Development Programme entitled ‘Blended Learning and LMS MOODLE’ under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by UGC-MMTTC (GAD-MMTTC) Shri Guru Tegh Bahadur Khalsa College, University of Delhi, May 2-10, 2024.
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Dr. Anjali Saxena

- Certificate of recognition as Faculty Coordinator of Two days Hands on Workshop on 'E-Content Development for MOOC' organized by Internal Quality Assurance Cell of the college from February 8-9, 2025.
- Completed an online FDP on NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission organized by Centre for Professional Development in Higher Education (UGC-MMTC) University of Delhi, January 6-15, 2025.
- Certificate of participation for attending the 'Demonstration of Microscope with an Imaging System' on August 12, 2024.

Students Achievements

- Atmajyoti Panda presented a poster titled 'Role of Biotechnology in Biological Sciences' in the International Conference: Role of Biotechnology in Biological sciences Striving for a Sustainable Future' RBBS-2025 organized by the Department of Zoology, Miranda House, University of Delhi from February 6-8, 2025.
- Uday Sharma presented a poster titled 'Application of Environmental DNA to Detect Substratum and Aquatic Invasive Species' in the International Conference: 'Role of Biotechnology in Biological sciences Striving for a sustainable Future' RBBS-2025 organized by the Department of Zoology, Miranda House, University of Delhi from February 6-8, 2025.
- Vaishnavi Bhardwaj presented a poster titled Empowered Innovators: Celebrating Women's legacy in Biotechnology in the International Conference: Role of Biotechnology in Biological Sciences Striving for a Sustainable Future' RBBS-2025 organized by the Department of Zoology, Miranda House, University of Delhi from February 6-8, 2025.

LIBRARY OF COLLEGE

Growth in Collection of the Library

The College Library was set up in 1995 with the mission to cater to the information needs of the students and the faculty. The area, entry-exit and reading space for 6 faculty members. The top floor is mainly used as a reading room with a capacity of 100 users and a free air-conditioned Internet facility with 20 computers. The library has a staking length of 3396 ft. having a strong collection of nearly 27825 volumes of books including reference books, 350 bound volumes of journals. The student books ratio of the library is 1:21. Library also has many CDs/e-DVDs of books and magazines. There is a computerized record of more than 11000

journals articles with bibliographic details. These are used by students for their projects. Apart from the in-house collection, the library has full access to the thousands of journals online which are being subscribed to by the Central Reference Library (University of Delhi). The library is also subscribing to N-LIST (National Library and Information Services Infrastructure of Scholarly Contents) Programme - (a collection of E-Resources under UGC-INFONET Digital Library Consortium) The college library is automated using an open source Library Management Software KOHA with web-OPAC facilities. The library uses RFID technology for many of its operations. The library block is under eight CCTV cameras surveillance. Library has its own BLOG also and keeps updating regularly. Library Resources Awareness Programme was organised for the First Year Students. The principal and librarian attended Librarian's Meet at New Delhi World Book Fair 2025, Bharat Mandapam, organized by National Book Trust, India and the New Delhi World Book Fair 2025.

ACTIVITIES CONDUCTED BY VARIOUS STAFF COUNCIL COMMITTEES

1. ALUMNI COMMITTEE

Convener: Dr. Ragini Jindal

- Organised 'Alumni Interaction' in collaboration with Department of Computer Science with Mr. Abhishek Das, Client Partner, Apple on March 3, 2025.
- Organised 'Alumni Expert Talk' in collaboration with Department of Food Technology by Mr. Sohan Singh, Regional Technical Head, SRSS APAC Pure Circle, Ms. Vanya Pareek, Ph.D. Pursuing (NIFTEM) and Ms. Alka Chauhan, Manager - Regulatory Affairs, Amway India on February 22, 2025.
- Organised 'Hands-on Training Program on EEG and Blood Pressure Measurement Techniques' in collaboration with Department of Instrumentation on February 18, 2025. Mr. Manish from Gentech Marketing and Distribution Pvt. Ltd, Technical Sales Executive, was the resource person.
- 'Alumni Interaction Session' (Department of Electronics) held on February 20, 2025.
- 'Alumni Interaction & Lecture' (Sukshmjeev Society, Department of Microbiology) held on January 28, 2025.
- 'Alumnus Interaction and Lecture' (DNAmics, Department of Biomedical Sciences) held on January 9, 2025.
- Helped the Alumni Society of the college in organising the Alumni Meet and Annual General Meeting of the Bhaskaracharya College of Applied Sciences Alumni Society at the college premises on December 21, 2024. Prof. Balaram Pani, Dean of Colleges at the University of Delhi, was the Special Guest of honor

2. ANTI-RAGGING AND PROCTORAL COMMITTEE

Convener: Dr. Sandeep Kumar

- Organized an Anti-Ragging Pledge on August 14, 2024
- Organized a Poster making Competition on August 13, 2024.

3. DIGITIZATION AND AUTOMATION COMMITTEE

Convener: Dr. Partha S. Pal

The following new features were added to **BRAHMA** (BCAS Resource Automation, Handling and Management Application)

- Module to identify slow learners based on continuous assessment and house examination marks.
- Attendance module for AEC papers was updated as per NEP structure.
- New features were added in the admission module.
- Provision to mark contact classes in the time table was provided.

4. EXTRACURRICULAR ACTIVITY COMMITTEE

Convener: Dr. Bhavya Deep

- Organized Srijan 2025 – Annual Cultural Fest on March 6–7, 2025. The event was graced by the Chief Guest, Shri Kuldeep Solanki, MLA of Palam. The highlight of the cultural evenings was electrifying performances by renowned artists Mr. Shree, DJ Vikas, and DJ San.
- Celebrated Republic Day 2025 on January 24, 2025.
- Organized Deepotsav and Club Fair on October 24, 2024.
- Celebrated Independence Day on August 14, 2024. The Chief Guest for the occasion was Lt. Gen. Anil Kumar Bhatt.

5. GANDHIAN STUDY CENTRE

Convener: Dr. Saroj K. Shukla

- Organized Poster Making Competition on September 27–30, 2024.

6. GARDEN COMMITTEE

Convener: Prof. Eram S. Rao

- Organized Hands-on Training on Bioenzymes from Fruit Peel under 30 Days Environmental Challenge with National Edu Trust of India in collaboration with Eco Club on August 29, 2024.
- Organized Workshop on Microgreens under 30 Days Environmental Challenge with National Edu Trust of India in collaboration with Eco Club on August 28, 2024.
- Organized Workshop on Eco-friendly Ways of Composting under 30 Days Environmental Challenge with National Edu Trust of India in collaboration with Eco Club on August 27, 2024.

7. GENDER SENSITIZATION COMMITTEE

Convener: Dr. Inderbir Kaur

- Organized Digital Poster Making Competition on the topic “Beyond PINK and BLUE: Redefining Gender Norms/ Drop the Gender Mask “September 14, 2024 to October 10, 2024.

8. NCC COMMITTEE

Convener: Dr. Ramesh Kumar

- Conducted a self-defence awareness program in slum areas on March 29, 2025, empowering underprivileged girls and promoting safety education.
- Participated in **social awareness campaign on organ donation** in collaboration with **Dadhichi Deh Dan Samiti** on **March 16, 2025**, contributing to social responsibility and community outreach.
- Celebrated Vijay Diwas on December 16, 2024 the Chief Guest was Mr. Ajeet Dubey (President, International Bhojpuri Conference), NCC and. Sergeant Ajay Kumar (General secretary Akhil Bhartiya Purva Sainik Sewa Parishad) , Chairperson was Prof. Balaram Pani (Dean of Colleges, University of Delhi) and Special Guest was Nayak Adarsh Kumar Arora (Shaurya Chakra), Colonel Devendra Sehrawat (Ex-Chairperson, Akhil Bhartiya Purva Sainik Sewa Parishad). A seminar was organized commemorating national military valor and history.
- **Conducted a cleanliness drive under the Swachh Bharat Mission November 25, 2024** promoting hygiene and civic responsibility.

- Celebrated International Yoga Day collaboration with YUJ: the yoga society on June 19, 2024.
- Made consistent efforts in **motivating and preparing cadets** for participation in prestigious events like **RDC, ALC, EBSB** and other **national-level NCC camps**, enhancing the college's representation and cadet performance.

Students Achievements

- CSM E Shakthivel (Computer Science, III yr) participated in Prime Minister's Rally held at Cariappa Parade Ground, Delhi from January 14–27, 2025.
- CSM E Shakthivel (Computer Science, III yr) participated in Special National Integration Camp held in Nagaland from December 11–22, 2024.
- Eight Cadets participated in the INDO-NEPAL Trekking Expedition Camp held in Uttar Pradesh from November 22–29, 2024. Their names are as under
 - JUO Hemant Kumar (Botany, III yr)
 - SGT Shuyog Nautiyal (Microbiology, III yr)
 - CQMS Divyanshu Sharma (Computer Science, III yr)
 - CDT Yash pal (Computer Science, III yr)
 - CDT Yash Kumar (Instrumentation, III yr)
 - CPL Saquib Khan (Instrumentation, III yr)
 - CPL Aarav Sharma (Electronics, III yr)
 - CDT Harsh Raj (Physics, III yr)
- CSM E Shakthivel (CS, III yr.) and SUO Kartikey Sundriyal (Botany, III yr) participated in Advance Leadership Camp held in Agra from November 12–23, 2024.
- SUO Kartikey Sundriyal (Botany, III yr), CSM E Shakthivel (CS, III yr.) participated in Ek Bharat Shreshtha Bharat Camp held in Delhi from November 7–18, 2024.
- Five Cadets participated in the Independence Day Camp held at Red Fort, Delhi from August 1–15, 2024. Their names are as under-
 - SUO Kartikey Sundriyal (Botany, III yr)
 - JUO Hemant Kumar (Botany, III yr)
 - CDT Harsh Raj (Physics, III yr)
 - CDT Yash Kumar (Instrumentation III yr)
 - CDT Yash Pal (Computer Science, III yr)
- Seventeen Cadets participated in Combined Annual Training Camp held in Delhi from May 5–15, 2024. Their names as follows-

- SUO Kartikey Sundriyal (Botany, III yr)
- JUO Hemant Kumar (Botany, III yr)
- CSM E Shakthivel (Computer Science, III yr)
- CQMS Divyanshu Sharma (Computer Science, III yr)
- SGT Gaurav Sehwat (Polymer Science, III yr)
- SGT Shuyog Nautiyal (Microbiology, III yr)
- CPL Aayush Thevathiya (Polymer Science, III yr)
- CPL Aarav Sharma (Electronics, III yr)
- CPL Saquib Khan (Instrumentation, III yr)
- CDT Kaushal Prasad (Instrumentation, III yr)
- CDT Yash Kumar (Instrumentation, III yr)
- CDT Sumit Singh (Instrumentation, III yr)
- CDT Harsh Raj (Physics, III yr)
- CDT Yash Pal (Computer Science, III yr)
- CDT Sachin Diwedi (Computer Science, III yr)
- CDT Rohit Mishra (Polymer Science, III yr)
- CDT Bobby Rajpoot (Electronics, III yr)

9. SPORTS COMMITTEE

Convener: Prof. Anand Bharadvaja

- Organized Annual Sports Meet on February 13, 2025.
- Organized Interdepartmental Tug of War Tournament on February 7, 2025.
- Organized Annual Athletic Meet on February 4, 2025.
- Organized Interdepartmental Badminton Tournament on January 29, 2025.
- Organized Interdepartmental Football Tournament on January 28, 2025.
- Organized Interdepartmental Basketball Tournament on October 23, 2024.
- Organized Interdepartmental Volleyball Tournament on October 14, 2024.
- Organized Interdepartmental Chess Tournament on September 23, 2024.
- Organized Interdepartmental Table Tennis Tournament on September 23, 2024.
- Organized Interdepartmental Cricket Tournament on September 14, 2024.
- Organized 03 Minute Challenge on August 29, 2024.

List of Winners of Inter-Departmental Games*

*(Numbers in brackets indicate the year of course)

CRICKET	
First Prize Course: Computer Science	Shavez (III), Prabhat Kumar (III), Kartik Pal (III), Vivek Singh Negi (III), Mukesh Kumar (III), Aseem Parashar (III), Rishabh Sharma (III), Amrinder Singh Grewal (II), Yuvraj (II), Lalit Kumar (I), Divyanshu Kumar Chaudhary (I), Harsh Chhillar (I), Mandeep (I), Aishwarya (III), Manisha Kumari (II)
Second Prize Course: Food Technology	Rishi Nigam (III), Priyanshu Singh (III), Sunny Kumar (III), Vivek Kumar (III), Yuvraj Singh Malik (III), Suraj Kumar (II), Piyush Prabhakar (II), Suryansh Jaiswal (I), Purav Yadav (I), Aanchal (II), Akriti Sourav (I), Kella Yashika (III), Manu Shishodia (I), Azhan Ahmad (I), Divyanshu Singh (II)
Third Prize Course: Physics	Dhruv (III), Aman Kumar (III), Aditya (III), Ravi Ranjan Kumar (II), Harsh Raj (II), Arjun Raghuvanshi (II), Prabhat Kumar Singh (II), Ayush Sharma (I), Rohit (I), Jai Pratap Singh (I), Suryansh Dev Singh (I), Gaurav Jha (I), Subh Sinha (I), Neha Sharma (III), Diksha (I)

BADMINTON SINGLES (BOYS)	
First Prize Course: Food Technology	Vedhant Kumar (III)
Second Prize Course: Electronic Science	Prabhat Vaishnav (III)
Third Prize Course: Botany	Divyansh Verma (I)

BADMINTON SINGLES (GIRLS)	
First Prize Course: Instrumentation	Rajeshwari Shekhawat (II)
Second Prize Course: Microbiology	Harshita Yadav (III)
Third Prize Course: Computer Science	Ishita Jain (II)
BADMINTON DOUBLES (BOYS)	

First Prize Course: Food Technology	Vedhant Kumar (III), Sunny Kumar (III)
Second Prize Course: Microbiology	Devesh Chaudhary (III), Abhishek Patra (III)
Third Prize Course: Electronic Science	Prabhat Vaishnav (III), Amartya Malik (III)
BADMINTON DOUBLES (GIRLS)	
First Prize Course: Instrumentation	Rajeshwari Shekhawat (II), Bhoomi Rokaya (II)
Second Prize Course: Biomedical Science	Niharika Das (III), Sonakshi Srivastava (II)
Third Prize Course: Microbiology	Harshita Yadav (III), Khushboo Bhanot (II)

TABLE TENNIS SINGLES (BOYS)	
First Prize Course: Electronic Science	Himank Shreshtha (III)
Second Prize Course: Instrumentation	Kaushal Prasad (II)
Third Prize Course: Food Technology	Vedhant Kumar (III)
TABLE TENNIS SINGLES (GIRLS)	
First Prize Course: Food Technology	Drashti Patel (I)
Second Prize Course: Microbiology	Akriti Arya (I)
Third Prize Course: Zoology	Bhumika (II)
TABLE TENNIS DOUBLES (BOYS)	
First Prize Course: Electronics Science	Himank Shreshtha (III), Ayush Singh Kaintura (III)
Second Prize Course: Instrumentation	Kaushal Prasad (II), Tejas Bochara (I)
Third Prize Course: Food Technology	Vedhant Kumar (III), Nitesh Kumar (III)
TABLE TENNIS DOUBLES (GIRLS)	

First Prize Course: Food Technology	Drasthi Patel (I), Shweta Sharma (II)
Second Prize Course: Biomedical Science	Sakshi Sarbanand (III), Himanshi Sharma (III)
Third Prize Course: Polymer Science	Aakanksha Semwal (II), Anushka (II)

BASKETBALL (BOYS)	
First Prize Course: Computer Science	Vinayak Sharma (III), Aayush Sharma (III), Ram Swaroop (III), Abhishek Kumar (III), Mohit Pratap Sharma (III), Harshdeep Singh (III), Nikhil Singh (III), Bhavesh Kumar (III), Sumit Singh (III), Badal Mehta (II), Madhav Malik (II), Rishabh Jaggi (I)
Second Prize Course: Instrumentation	Sumit Raj (III), Ronak Agarwall (III), Pranay Pratap Singh (III), Saquib Khan (II), Sandeep Kumar (II), Anish Yadav (III), Monrie Zamkhankhual (III), Dheeraj Kumar Mandal (III), Piyush Lahot (III), Kunal Dev (III), Sumit Singh (II), Arhan Uddin Bari (I)
Third Prize Course: Chemistry	Vineet Kumar (II), Dron Sharma (I), Samaksh Maan (I), Anurag Choudhary (II), Ram Yadav (I), Vikash Baishla (II)
BASKETBALL (GIRLS)	
First Prize Course: Microbiology	Aiswaryaprabha M P (III), Shagun Lalotra (II), Swetlata (II), Rakshika Koul (III)
Second Prize Course: Botany	Shreya Kumari (II), Tanya Dinodiya (I), Riya Singh (III), Muskan Sehrawat (II), Khushi Rani (I)
Third Prize Course: Biomedical Science	Meenakshi (III), Sheetal Yadav (II), Khushi Chauhan (I), Umaima Khan (III), Vaishnavi Jha (III), Lakhmi Kerketta (I)

VOLLEYBALL (GIRLS)	
First Prize Course: Computer Science	Manisha Kumari (II), Mansi Bisht (II), Barkha (II), Srashti Pal (III), Ananya Suryan (II), Meenal Yadav (II), Khushi (I), Kanishka (III), Tanu Singh (III), K Kumud Kiran Reddy (III), Vani (I), Poorvi Jain (III)

Second Prize Course: Chemistry	Riya Sharma (II), Khusi (I), Amna Shirin (II), Nikita (II), Anchla Rai (III), Jiya (I), Sugandhi Thakur (I), Ruchi Gupta (I)
Third Prize Course: Food Technology	Shweta Sharma (II), Aanchal Pandey (II), Himanshi (I), Drashti Patel (I), Bhumika Sharma (III), Priyanka (II), Lavanya Chaudhary (I), Sakshi (III), Neha Yadav (I), Mahak Rajora (I)
VOLLEYBALL (BOYS)	
First Prize Course: Chemistry	Vivek Kumar Keliya (II), Samaksh Maan (I), Anurag Choudhary (II), Utkarsh (II), Aks Chamoli (III), Ritesh Kumar Nunia (III), Chanchal Yadav (I), Arman Saifi (I), Yogendra (I), Shashikant Kumar (I), Dushyant Chauhan (I)
Second Prize Course: Computer Science	Vansh (III), Ankit Kumar (II), Anmol (II), Mandeep (I), Rustam Khaira (III), Krishna Kunwar (III), Aditya Raghuvanshi (III), Ayush Gautam (II), Aman Singh (III), Akash Yadav (II), Divyanshu Sharma (II), Rohit Kumar (II)
Third Prize Course: Physics	Kamal Pandey (III), Arjun Raghuvanshi (II), L Nishant Roy (II), Abhishek Varshney (I), Sharad (I), Naveen Pradhan (II), Naveen Kumar (III), Priyanshu Dubey (III), Om Singh (III), Aryendra Pratap Singh (II), Amit Kumar (I), Amarendra Kumar (III)
TUG OF WAR (GIRLS)	
First Prize Course: Food Technology	Gunjan Vikram (III), Bhumika Sharma (III), Gauri Gangwar (III), Shweta Sharma (II), Priyanka (II), Fidha Sherin (III), Ashu (II), Lavanya Chaudhary (I), Gopika Madhav Pp (II), Hanna V K (II), Himanshi (I), Akriti Sourav (I)
Second Prize Course: Biomedical Science	Jyotsna Chatterjee (III), Niharika Das (III), Shruti Bannerjee (III), Purva Goel (III), Jessica Kaur (II), Bisman Kaur (II), Divya Darseeni (I), Anjali Srivastava (I), Lavisha (III), Khushi Chauhan (I), Suhani Prasad (III), Shruti Sudipta Mohanty (II)
Third Prize Course: Microbiology	Tanuja Chauhan (III), Divya Goswami (III), Muskan Singh (II), Saruchi Yadav (I), Nandini Das (I), Soubhagya Sindhu (I), Anjali Maurya (II), Anjali

	Chaurasia (II), Vidhi Chandra (III), Anjali Gusain (II), Theertha Nath (II), Ishika Singh (III)
TUG OF WAR (BOYS)	
First Prize Course: Polymer Science	Harsh Yadav (III), Akshat Khanna (III), Jay Pathak (III), Gaurav Sehrawat (II), Preet Kumar (II), Udbhav Kumar (II), Vikas Kumar (I), Pankaj Singh (I), Yuvraj Sehrawat (III), Kaushal Kishore (I), Yashvendra Pratap Singh Rana (II), Kunik (I)
Second Prize Course: Electronic Sciences	Bhavya Kumar Pandey (III), Aman Rawat (III), Vikas Yadav (III), Devansh Verma (III), Shashwat Singh (III), Himank Shreshta (III), Pinku Kumar (III), Shivam Raghav (III), Jagrat (II), Sagar (II), Rishu Ranjan (III), Bobby Rajput (II)
Third Prize Course: Computer Science	Aman Singh (III), Arman Sallan (III), Shavez (III), Bhavesh Kumar (III), Vivek Singh Negi (III), Rajat Yadav (III), Mukesh Kumar (III), Priyanshu Raj (I), Chirag (I), Nirmal Joshi (II), Kaustubh Chandel (II), Amrinder Singh Grewal (II)

FOOTBALL	
First Prize Course: Computer Science	Krishna Kunwar (III), Yajat Kumar (II), Vivek Singh Negi (III), Ram Swaroop (III), Sumit Singh (III), Rustam Khaira (III), Rishabh Jaggi (I), Rishabh Sharma (III), Aayush Sharma (III), Nirmal Joshi (II), Mohammad Faisal (I), Mansi Bisht (II), Shreya rana (III), Kanishka (III), Nikhil (II)
Second Prize Course: Botany	Saqib Farooq Qureshi (III), Divyanshu Chandra (II), Stanzin Tsering (II), Dhruv Khadka (II), Rajeev Raj (III), Garvit Mamgain (I), kartikey Sundriyal (II), Hemant kumar (II), Divyansh Verma (I), gaurav Kumar. (III), Rehan Khan (II), Naina Kumari (III), Anushka Priya (II), Shreya Kumari (II)
Third Prize Course: Instrumentation	Monrie Zamkhankhual (III), Zubin (II), Yash Kumar (II), Rishant Yadav (II), Vansh. (II), Adithiyan K Jayan (II), Saquib Khan (II), Abhishek Kumar (I), Abhishek Baghel (II), Krish Kumar (II), Rajeshwari Shekhawat (II), Ruhaan Lamba (I), Sneha (II), Vidushi Arya (I), Sarthak Singh Rana (I)

CHESS (M)	
FIRST PRIZE Course: Botany	Dhruv Khadka (II)
SECOND PRIZE Course: Computer Science	Amay Yadav (I)
THIRD PRIZE Course: Polymer Science	Ayush Jha (I)

CHESS (F)	
First Prize Course: Electronic Science	Vasudha Saxena (I)
Second Prize Course: Computer Science	Chitra (II)
Third Prize Course: Microbiology	Jaya (III)

100 m (BOYS)	
First Prize Course: Electronic Science	Prabhat Vaishnav (III)
Second Prize Course: Computer Science	Vinayak Sharma (III)
Third Prize Course: Microbiology	Sontu Das (II)

100 m (GIRLS)	
First Prize Course: Physics	Kusum (II)
Second Prize Course: Botany	Shreya Kumari (II)
Third Prize Course: Chemistry	Amna Shirin (II)

200 m (GIRLS)	
First Prize Course: Chemistry	Amna Shirin (II)
Second Prize Course: Botany	Shreya Kumari (II)
Third Prize Course: Food Technology	Pooja Tyagi (III)

400 m (BOYS)	
First Prize Course: Computer Science	Vinayak Sharma (III)
Second Prize Course: Electronics Science	Himank Shreshta (III)
Third Prize Course: Food Technology	Mohd. Dilshad Hussain (II)

400 m (GIRLS)	
First Prize Course: Physics	Kusum (II)
Second Prize Course: Botany	Khushi Singh (I)
Third Prize Course: Food Technology	Aanchal Pandey (II)

800 m (BOYS)	
First Prize Course: Instrumentation	Anish Yadav (III)
Second Prize Course: Instrumentation	Saquib Khan (II)
Third Prize Course: Zoology	Vikas Chaudhary (II)

4 x 100 RELAY RACE (BOYS)	
First Prize Course: Electronics	Prabhat Vaishnav (III), Himank Shreshta (III), Shivam Raghav (III), Shashwat Singh (III)
Second Prize Course: Instrumentation	Sumit Raj (III), Abhishek Kumar (I), Saquib Khan (II), Zubin (II)
Third Prize Course: Zoology	Mohit Budania (I), Karun (II), Shubham Jangir (II), Md. Muzammil Jamal Ansari (III)

4 x 100 RELAY RACE (GIRLS)	
First Prize Course: Computer Science	Shreya Rana (III), Manisha Kumari (I), Mansi Bisht (II), Ishika Choudhary (I)

Second Prize Course: Food Technology	Priyanka (II), Akriti sourav (I), Aanchal pandey (II), Nandana AM (II)
Third Prize Course: Polymer Science	Simren (II), Parishmita malakar (II), Richa Tiwari (I), Anshika Singh (II)

LONG JUMP (BOYS)	
First Prize Course: Chemistry	Anurag Choudhary (II)
Second Prize Course: Computer Science	Aayush Sharma (III)
Third Prize Course: Food Technology	Harsh (I)

LONG JUMP (GIRLS)	
First Prize Course: Instrumentation	Rajeshwari Shekhawat (II)
Second Prize Course: Botany	Khushi Singh (I)
Third Prize Course: Polymer Science	Parismita Malakar (I)

SHOTPUT (GIRLS)	
First Prize Course: Instrumentation	Rajeshwari Shekhawat (II)
Second Prize Course: Polymer Science	Aditi Singh (I)
Third Prize Course: Botany	Tanya Dinodiya (I)

SHOTPUT (BOYS)	
First Prize Course: Computer Science	Priyanshu Raj (I)
Second Prize Course: Instrumentation	Shreyash Mishra (I)
Third Prize Course: Physics	Arjun (II)

10. STUDENT ADVISORY COMMITTEE**Convener: Dr. Vandita Gupta**

- Organized student orientation day on October 24, 2024

ACTIVITIES CONDUCTED BY VARIOUS CELLS**1. ANTI-DRUGS AND TOBACCO CELL****Convener: Dr. Anil Barak**

- Organized a Drugs & Tobacco Awareness Rally on March 07, 2025
- Organized an Organ Donation Pledge on November 18, 2024
- Organized “UGGAAR” an activity related to Making India Addiction Free on October 18, 2024
- Organized a Declamation and Poster making Competition with Modern & Fine Arts Club on September 24, 2024.
- Organized a Plantation drive, slogan writing competition, Anti-drug pledge, a rally on drug addiction in collaboration with NCC and dramatics Club Darpan on August 14, 2024
- Organized an e-pledge Drive on “say yes to life, no to drugs” on June 24, 2024
- Participated in World No Tobacco Day Celebration at Vallabhbhai Patel Chest Institute, University of Delhi on May 31, 2024
- Organized an Organ Donation Pledge on May 27, 2024

2. ANTI DISCRIMINATORY CELL**Convener: Dr. Jitender Kumar**

- Organized a workshop on “Empower”- A 4-Dimensional Module for Developing Excellence” on February, 02, 2025 by Shri Vikrant Dangi, Leadership Coach and Author, Synergy

3. CAREER COUNSELING CELL**Convener: Dr. Anita Sondhi**

- Organized a seminar “Expert talk on Career Scope in the field of Health Sciences” by Dr Divya Tripathi from UPES, Dehradun on October 24, 2024.

4. EQUAL OPPORTUNITY CELL AND COMMITTEE FOR INCLUSIVE

EDUCATION

Convener: Dr. Pawas Goswami

- Organized Sportify 25 in collaboration with AKSHAM Inderprastha and Special Olympics Bharat on February 1, 2025.

5. NORTH EAST AND REGIONAL INCLUSIVENESS CELL

Convener: Dr. Salam Sonia Devi

- Organized Student Interactive Session on November 13, 2024. The organizing members were Prof. S. Shukla and Dr. Neeru Bhagat.

6. INCUBATION AND ENTREPRENEURSHIP CELL

Convener: Prof. Siddharth Sirohi

- Organized Idea Hackathon 4.0 funded by the Ministry of Micro, Small and Medium Enterprises (MSME) for which ideas were invited from youngsters aged between 18-35 years in the month of September 2024.

7. SC/ST CELL

Convener: Dr. Jitender Kumar

- Organized a workshop on “Empower”- A 4-Dimensional Module for Developing Excellence” on February, 02, 2025 by Shri Vikrant Dangi, Leadership Coach and Author, Synergy.

8. TRAINING AND PLACEMENT CELL

Convener: Dr. Manoj Tiwari

- Organized a seminar on personal interview preparation on October 22, 2024
- A dedicated campus placement drive was organized on June 12, 2024, attracting participation from various reputed companies.

9. VIVEKANAND VICHAR MANCH

Convener: Dr. Pawas Goswami

- Organized poster making competition on the theme ‘Social Media Paradox’ on March 31, 2025.

10. WOMEN DEVELOPMENT CELL

Convener: Prof. Meenakshi Garg

- Celebrated International Women's Day on March 3, 2025, sponsored by Artam (an alumni-led initiative of NSIT). The program featured sessions on self-defense, cyber safety (led by Inspector Virender Kumar), Women health (by speaker Sunita Shruti Shri), and menstrual hygiene awareness. The day concluded with enthusiastic student participation and certificate distribution.
- Organized a week-long Self-Defense Training Program in collaboration with the Delhi Police from October 15–21, 2024. It equipped 40 girl students with practical skills for personal safety under the guidance of Head Constable Ms. Poonam.
- Organized a Poster Making Competition on the theme "Invest in Women: Accelerate Progress" WDC, in collaboration with AKRITI (The Modern and Fine Arts Club) on September 2024. Students expressed their thoughts on gender equality and women empowerment through powerful visuals and creative designs.
- Organized an informative webinar on Benefits of Phlebotomy in association with Lal Path Lab Foundation, on August 31, 2024. Experts shared valuable insights on career opportunities in the healthcare sector, especially for women. Organized a one-rupee collection drive on November 3, 2023 to raise funds for purchasing sanitary napkins and distributing them in slum communities, an inspiring initiative was launched by the Women Development Cell.

ACTIVITIES CONDUCTED BY VARIOUS CLUBS

1. ASTRONOMY CLUB

Convener: Dr Manoj Kumar

- Celebrated the National Space Day 2024 on August 23, 2024. Events organized included Live-streaming of "Touching lives while touching the Moon-India's Space Saga" and a Quiz Competition on National Space Day 2024 on August 23, 2024

2. CAPABILITY ENHANCEMENT AND LITERARY CLUB – 'ATLIER'

Convener: Dr Satyawati

- Organized a Slam Poetry competition in collaboration with Department of English and Department of Mathematics on March 7, 2025.
- Organized a letter-writing competition on the theme 'Abandoned Island' in collaboration with Department of English and Department of Mathematics on March 6, 2025.
- Organized 'FUSE- Where Words Meet Dance' as a part of Organ Donation Awareness program in collaboration with Department of English and Department of Mathematics on November 18, 2024.

- Organized an online letter-writing competition on the theme 'Letters to Freedom Fighters' in collaboration with Department of English and Department of Mathematics from August 10-15, 2024.

3. COMPASSIONATE CREW: POSITIVE MENTAL HEALTH, AND WELL BEING CLUB

Convener: Dr. Madhulika Bajpai

- Organized a Webinar on Social Anxiety, FOMO, and Anger Management in collaboration with Samrasa on March 22, 2025. Ms Kanchan was program coordinator
- Organized "Aitbaar: Listening Circle" in collaboration with 'Bachpan' on February 25, 2025. Ms. Rakhi was program coordinator (HOPE)

4. DANCE CLUB

Convener: Dr. Asha

- Organised an intercollege competition GROOVE IT – Western Dance Competition 2025 on March 7, 2025.
- Organised an intercollege competition NRITYANJALI – Solo and Duet Classical Dance Competition 2025 on March 6, 2025.
- Organised an intercollege competition LOKRAAG – Folk Dance Competition 2025 on March 6, 2025.

5. DEBATE CLUB- 'CONFIANZA'

Convener: Dr Alivia Roy

- Organized a 'TREASURE HUNT "MAP TO THE TRAP"' as a part of Srijan 2025 on March 7, 2025
- Organized a 'TREASURE HUNT "MAP TO THE TRAP"' as a part of Srijan 2025 on March 7, 2025
- Organized a Debate Competition named 'The Pirate's Trial' @Srijan 2025 on March 6, 2025
- Organized a Debate Competition on "Relevance of Gandhian Philosophy in Current Era" on January 30, 2025 in Collaboration with Piramal Foundation
- Organized a Group Discussion on "ORGAN DONATION: MORAL OBLIGATION Vs PERSONAL CHOICE" on November 18, 2024

- Organized a Group Discussion on Sustainable Living: Individual Choices Vs Systemic Changes on August 28, 2025 in collaboration with National Edu Trust of India and Eco Club

6. DRAMATIC CLUB – ‘DARPAN’

Convener: Dr Kapil Roy

- Organized a two-day workshop on 'Theater Skills' on February 17–18, 2025, aimed at enhancing participants' performance abilities and fostering creative expression through theatrical techniques.
- Organized an awareness skit on organ donation on November 18, 2024.
- Organized a theatrical skit titled 'R.G. KAR Incident: A Theatrical Representation' on August 15, 2024, highlighting the grave issues of rape and murder.
- Organized a patriotic skit on August 15, 2024, to commemorate Independence Day and honor the spirit of freedom and national pride.

7. ECO CLUB – ‘PRANAHI’

Convener: Dr. Amandeep Kaur

- Participated in Rope Making Activity using single-use plastic organized in collaboration with Panasonic Harit Umang on March 8, 2025.
- Organized Seeds of Hope and Action: To Make Sustainable Development Goals a Reality Exhibition in collaboration with Bharat Soka Gakkai on March 7-8, 2025. The exhibition was inaugurated by Shri Pawan Rathee, MCD Councillor.
- Student volunteers participated in Green Walkathon organized by Panasonic Harit Umang starting from Daulat Ram College to spread awareness about plastic waste and its environmental impact on February 28, 2025. Students from 10 different colleges of Delhi University participated in Walkathon.
- Organized an intercollege Introductory Session on ‘Ao Sware Yamuna Kinare’ in collaboration with Sant Nirankari Foundation and Ministry of Culture on February 4, 2025. The college was recognized and appreciated by Sant Nirankari Charitable foundation for active participation in Yamuna River cleaning.
- Celebrated Green Diwali by organizing Paper Bag Making and Diya Painting activities on October 24, 2024.
- Student volunteers participated in the Green Walkathon organized by Panasonic Harit Umang, starting from Daulat Ram College, to spread awareness about plastic waste and its environmental impact. Students from 10 different colleges of Delhi University participated on February 28, 2025.

- Completed the 30-Day Environmental Challenge in collaboration with the National Edu Trust of India (NEI) from August 5 – September 4, 2024, with enthusiastic participation from students. It was a focused effort towards sustainable living and environmental awareness.
- Upon completion of the 30-Day Environmental challenge, E-certificates were issued to 20 students as Green Ambassadors. The Nodal Officer, Dr. Amandeep Kaur, received a Green Guide certificate. Principal was awarded an Eco Visionary certificate, and the college received recognition as an Eco-Friendly College.
- Organized a Plantation Drive in July 2024, graced by Shri Ghanshyam Gupta Zaveri, National President, Khatu Shyam Dham, as Chief Guest, along with Prof. Avneesh Mittal (Principal), staff, and students.
- Organized Plantation Drives during July, August, and September 2024. Students and staff actively engaged in the campaign “Ek Ped Maa Ke Naam” under the Green Action Plan 2024–25.

8. INDIAN KNOWLEDGE SYSTEM CLUB

Convener: Dr. Shikha Srivastava

- Organized an online webinar on Varsh Pratipada on the topic “Grah Chikitsa” on March 30, 2025.
- Organized an online webinar on MahaShivratri on the topic “NaatyaShastra: Kala pradarshan ka pracheentam prarup” on February 26, 2025.
- Organized an online webinar on Geeta Jayanti on the topic “Bhagwat Geeta me Karm Yog” December 11, 2024.
- Organized an online webinar on Devutthani Ekadashi on the topic “Prasthantrayi: Ek Parichay November 12, 2024.
- Organized an online webinar on Sarv Pitra Amawasya on the topic “Antarmaun Abhyas ka Mahatva” October 2, 2024.
- Organized a workshop in collaboration with Eco club and National Edu Trust of India on the topic “Vrikshayurved” September 4, 2024.

9. MODERN AND FINE ARTS CLUB ‘AKRITI’

Convener: Dr. Swati Gupta

- Organized ‘Coral Canvas’ A Fictional Character Designing Competition as a part of SRIJAN’ 25, Annual Cultural Fest of the College on March 6-7, 2025
- Organized ‘Aqua Fantasia’ A Book Cover Designing Competition as a part of SRIJAN’ 25, Annual Cultural Fest of the College on March 6-7, 2025.

- Organized Prop Ramp Walk as a part of SRIJAN' 25, Annual Cultural Fest of the College on March 6-7, 2025.
- Organized a MicroBio Cine World – A cinematic Poster Making Competition as a part of MicroQuest'25, in collaboration with Department of Microbiology on February 19, 2025.
- Organized workshop on 'Fundamentals of Canva Designing' in association with Department of Microbiology on November 9, 2024. The resource person was Mr Kuntak Saha, Alumnus (Batch 2021-24), Department of Microbiology. The conveners were Dr. Purnima Anand and Dr. Catherine S Paul. The organizing committee members included Dr. N Vijaya Kumar, Dr. Pawas Goswami, Dr. Neeru Bhagat, Dr. Catherine S Paul, and Dr. Kamlesh Kant Nutan. Dr. Shailja Singh, and Dr. Anjali Saxena.
- Organized a month-long art Challenge 'INKOCTOBER' from October 1-31, 2024.
- Organized a Rangoli-making competition in collaboration with Department of Microbiology and Microbiologists Society of India (MBSI) on October 1, 2024. The conveners were Dr. Purnima Anand and Dr. Catherine S Paul.
- Organized a Poster Making Competition in collaboration with Dist. NTCP Cell, IDHS and Anti Tobacco Cell of the College and on September 24, 2024.
- Organized a Poster Making Competition on the theme "Invest in Women: Accelerate Progress" WDC, in collaboration with Women Development Cell of the College on September 22, 2024. Students expressed their thoughts on gender equality and women empowerment through powerful visuals and creative designs.

8. MUSIC CLUB – '*MOKSHA*'

Convener: Dr. Salam Sonia Devi

- Organized an Intercollege singing competition in the annual college fest SRIJAN 2025 March 6-7, 2025

9. PHOTOGRAPHY CLUB - '*CLICKERATI*'

Convener: Dr Anil Barak

- Released its first-ever Photo magazine named "Snapture" for the academic session 2024-25 on March 07, 2025 at the annual cultural festival Srijan 2025. The magazine was released in the presence of Prof. Avneesh Mittal (Principal), Shri Kuldeep Solanki (MLA, Palam Constituency), Dr. Bhavya Deep (ECA Convener), Dr. Anil Barak (Club Convener) and the teacher coordinators, Ms. Manisha Thakur and Dr. Manoj Kumar along with the office bearers.
- Organized "SnapSprint" under ClickBliss (Srijan 25) on March 07, 2025. Participants were tasked with producing compelling photographs within a limited timeframe and under specific thematic constraints. Devansh, Zakir Husain Delhi College (Eve)

grabbed first position, Ganesh Bansal (Hansraj College) was in second place and Yuvraj Prasad (P.G.D.A.V College) seized third place.

- Organized “Expozure” Under ClickBliss (Srijan 25) on March 07, 2025. Expozure was an offline Photography Exhibition,
- Organized “Echochrome” under ClickBliss (Srijan 25). Echochrome was an online photography competition, showcasing the skills of photographers across the institutes of Delhi and NCR. Students were asked to submit their entries on the theme: Visuals from the Past: An exploration of unspoken emotions and untold narratives. Ganesh Bansal (Hansraj College) seized the first position, Satya Rai (Shivaji College) grabbed second position and Vishal Kumar (SGTB Khalsa College) was at third place on March 07, 2025.
- Organized Photowalk: Yamuna Ghat, Old Delhi
- Organized a Professional Camera Learning Workshop titled “Learn Your Lens” on April 19, 2024 in the AV room. The workshop featured resource persons Mr. Himanshu Bansal and Mr. Vibhor Milani. It was structured into two phases: the theoretical segment followed by a hands-on session.

10. YOGA CLUB

Convener: Dr. Mohit Sharma

- Organized International Yoga Day Celebration on June 19, 2025. Ms. Ruchika Khurana was invited as the Resource Person.
- 11 students participated in the Surya Namaskar Competition at Deen Dayal Upadhyay College, University of Delhi, on February 7, 2025. Pawan Kumar secured 3rd place overall with an astounding 624 Surya Namaskars.
- Organized Club Fair on October 24, 2024.
- Organized International Yoga Day Celebration on June 19, 2024

-----**End of the Report**-----

Disclaimer: Every attempt has been made to verify the authenticity of the contents mentioned in the Annual Report 2024-25. However, the responsibility of the information provided lies entirely on the individual stakeholder. The college will not be held responsible for any wrong information and the consequences of using such information. The data contained in this report is indicative only and must not be used for legal purposes or claiming it as a proof, of the fact presented here required anywhere else.

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Annual Report Committee Members (2023-24)

Dr. Meetu Luthra	Convener
Dr. Rizwana	Co-Convener
Dr. Inderbir Kaur	Member
Dr. Arti Dua	Member
Dr. Kapil Roy	Member
Dr. Shikha Srivastava	Member
Dr. Swati Gupta	Member
Dr. Amandeep Kaur	Member
Dr. Neeru Bhagat	Member
Dr. Umesh Kumar	Member
Dr. Amit Kumar	Member

कुलगीत

वन्दे भास्कराचार्य
वन्दे महाविद्यालय
वन्दे महाविद्यालय

वैश्विक शिक्षा का भव्य केन्द्र
विज्ञान विधा का कुशल केंद्र
सुरभित औ हरित परिसर विशाल
गर्वित प्रांगण नव प्रखर ज्वाल
सद नवाचार का संवाहक
नव सर्जन शक्ति का आराधक
सक्षम उन्नत उत्कृष्ट ज्ञान
कौशल क्षमता अनुपम उड़ान
युग श्रेष्ठ प्रबंधन निधियां
मानक संचालित गतिविधियाँ
वन्दे भास्कराचार्य
वन्दे महाविद्यालय
वन्दे महाविद्यालय

आंचरियों का आशीष फल
विद्यार्थी मन संस्कार सरल
जिज्ञासा पूरक अमर ध्यान
लौकिक विषयों का परम ज्ञान
अंतर चेतन की अमिट चाह
गतिशील समर्पण का प्रवाह
साक्षी अनमोल धरोहर का
निर्मल जल ज्ञान सरोवर का
नवयुग का पावन अभिनन्दन
हम करते नित इसका वन्दन

वन्दे भास्कराचार्य
वन्दे महाविद्यालय
वन्दे महाविद्यालय

संगीतकार
गर्जेन्द्र सोलंकी
अंतर्राष्ट्रीय कवि, गीतकार