

DEEN DAYAL UPADHYAYA COLLEGE

ANNUAL REPORT 2024-25

COLLEGE ACHIEVEMENTS

- The college has been **ranked 14th in science colleges, 9th in Delhi and 12th in Delhi amongst Commerce colleges, 15th all over India and 4th in Delhi amongst Management colleges and 40th amongst Arts colleges in India** by the India Today MDRA Best Colleges Ranking 2024.
- The college has been **ranked 26th out of 3,371** participating colleges in the **NIRF India Rankings 2024** conducted by the Ministry of Education.
- ‘**Principal Internship Scheme**’, in line with the Vice Chancellor’s Internship schemes at the University level has been instituted for the college students.
- The college has been selected under **DBT Star College Status Program (2022 – 2025)** and has been sanctioned **Rs.1,61,87,340/-**.
- **11 Major and Minor Research Projects**, worth **Rs. 1,97,11,917/-** granted by prominent agencies like **DST, CSIR, SERB etc** to the faculty members of the college.
- **246 students of 2nd and 3rd year** were granted **scholarships worth Rs. 24,60,000/-** by the College.
- Department of Zoology was granted a sum of **Rs. 3,00,000/-** for the **establishment of Pearl, Zooplankton and Ornamental Fish Culture Facility** as a Skill Development Centre.
- Department of Botany was granted a sum of **Rs. 7,50,000/-** for the establishment of **Mushroom Culture Facility** as a Skill Development Centre.
- **State of the art sound system worth Rs. 22.5 lakhs and an LED video wall worth Rs. 15 lakhs** have been approved for upgradation of the auditorium in January, 2025.
- Procurement of **220 Desktops** at a **total cost of Rs. 1,87,00,000/-** has been approved for the purpose of skill development in January, 2025.
- To enhance the **sports infrastructure new basketball equipment worth Rs. 16,00,000/-** have been approved in January, 2025.
- **ICT Equipment and 13 smart-boards worth Rs. 49,65,00,000/-** are to be procured to enhance the teaching-learning experience by students in January 2025.

DISTINCTIVE ACHIEVEMENTS

❖ FACULTY AWARDS

- **Prof. Hem Chand Jain**, Principal was nominated for the **Capacity Building Program (Phase III)** conducted by **University of Delhi** in collaboration with **Liverpool University** on Global Trends in Academic Administrations.
- **Prof. P. K. Jha**, Department of Physics was nominated for the **Capacity Building Program (Phase III)** conducted by **University of Delhi** in collaboration with **Durham University** on Global Trends in Academic Administrations.
- **Prof. Sachin Mittal**, Department of Chemistry was nominated for the **Capacity Building Program (Phase III)** conducted by **University of Delhi** in collaboration with **Durham University** on Global Trends in Academic Administrations.
- **Prof. Rampal Singh**, Department of Computer Science, was awarded **travel grant of Rs. 50,000/-** from Deen Dayal Upadhyaya College, University of Delhi to present a paper titled “Smart Forecasting of Ultraviolet Index Through Transformer: A deep learning model at the 3rd World Conference on Information Systems for Business Management at Bangkok, Thailand.
- **Dr. Sudhir Verma**, Department of Zoology, was awarded **Research Travel Grant-2024 of USD 1500.00** from International Society for Hyaluronan Sciences (ISHAS) to visit the lab of Dr. Adam Hall, Wake Forest University, North Carolina, to carry out Hyaluronan size characterization using solid state nanopore technology.
- **Dr. Lalit Kumar**, Department of English, served on the **esteemed jury of Banaras Literature Festival Book Awards and Valley of Words Awards**, in November 2024 at Dehradun, an International Art and Literature Festival.
- **Dr. Meghna Aggarwal**, Department of Commerce, **won the Best Paper Presentation Award** for the paper titled “*The Future of Financial Inclusion: Is Digital UBI the Next Step?*” at the International Conference on Innovations in Science and Technology: A Perspective of Viksit Bharat@2047 on March 19-20, 2025.

❖ STUDENT ACHIEVERS

- **Muskan Sharma**, student of B.Com. (H) won **VICE-CHANCELLOR’S GOLD MEDAL (PHYSICALLY CHALLENGED STUDENT) COMMERCE STREAM** on 22nd February, 2025 in 101st Annual Convocation-2024.

- **Sushankita Srivastava**, student of B.Sc. (H) won **UNIVERSITY MEDAL in B.Sc. (H) Botany** on 22nd February, 2025 in 101st Annual Convocation 2024.
- **Anmol Bajaj**, student of BMS (2nd year) won the **Reliance Foundation Undergraduation Scholarship worth Rs. 1,50,000/-**.
- **Alluri Ganesham**, student of BMS (2nd year) won the **Reliance Foundation Undergraduation Scholarship worth Rs. 1,50,000/-**.
- **Kashvi Batra**, student of B.Com (H) (2nd year), **Rudra Pandey**, student of BMS (2nd year), **Suparsh Jain**, student of BMS (2nd year) and **Ganesh Verma**, student of B.Com (H) (2nd year) secured **National Rank 2 in Havoc**, a case competition organized by **IIM Bangalore** in July 2024.
- **Aryan Gupta**, student of B.Com (H) (3rd year) and **Shubham**, student of B.Com (H) (2nd year) won **1st position at BITS Hyderabad National B-Plan Competition**.
- **Aryan Gupta**, student of B.Com (H) (3rd year), **Dev Mahajan**, student of B.Com (H) (2nd year) and **Sambhav Chhabra**, student of B.Com (H) (2nd year) won **1st position in National Case Competition at IIM Ahmedabad**.
- **Priyanshu Bhalothia**, student of B.Com (H) (1st year) won **2nd position at 32nd Junior national Baseball Championship (boys)**.
- **Chetna Singh**, student of B.Sc. Mathematical Sc. (3rd year) won **1st position at 40th Delhi State Senior Taekwondo Championship 2024**.
- **Kunal Nath**, student of B.Com (H) (2nd year) won **3rd position at Inter-College Weight Lifting Tournament**.

NATIONAL/INTERNATIONAL MOUS SIGNED

- An MoU was signed with **National Institute of Electronics and Information Technology (NIELIT), Delhi** an autonomous Scientific Society of Ministry of Electronics and Information Technology (MeitY), Government of India on **April, 25th 2024**. **Prof. Anurag Mishra, Department of Electronics**, served as the coordinator. As a result of this collaboration NIELIT Delhi and DDUC have principally agreed to enter into an agreement with the intent for the rollout of training programs offered by NIELIT to students and officials of DDUC.

- An MoU was signed with **PhiXgen Pvt. Ltd.** on **September, 18th 2024**. **Dr. Shailly Anand, Department of Zoology** and **Dr. Renu Solanki, Department of Zoology**, served as the coordinators. As a result of this collaboration PhiXgen and DDUC will work together to explore activities of mutual interest that endeavour to advance research and improving bioinformatics skills and their responsible application worldwide.
- An MoU was signed with **Department of Commerce, Faculty of Commerce and Business, Delhi School of Economics, University of Delhi** on **December, 03rd 2024**. **Dr. Renu Aggarwal, Department of Commerce**, served as the coordinators. As a result of this collaboration both parties have mutually agreed for organizing the 10th Annual International Commerce Conference (10th AICC) to be held on January 6-7, 2025 on the theme of 'Governance in Amrit kaal', as a joint endeavor to enhance academic engagement and foster research discussions.

FOREIGN LANGUAGE CENTER

During the academic year 2024-25, the college offered part-time certificate courses in seven foreign languages namely, German, Spanish and French (affiliated to the Department of Germanic and Romance Studies, University of Delhi), Russian (affiliated to the Department of Slavonic and Finno-Ugrian Studies, University of Delhi), Japanese, Korean and Chinese (affiliated to the Department of East-Asian Studies, University of Delhi) for students of the University of Delhi as well as others.

Under the able guidance of Principal Dr. Hem Chand Jain and Foreign Language Coordinator Dr. Jayini Adhyapak a total of 126 students were admitted to the language courses for the academic year 2024-25. The college allotted special classrooms with full multimedia facility, with separate rooms for all the language courses. The classes were held between 7 a.m. and 9 a.m. The experienced teaching faculty members recommended by the University of Delhi were Mr. Ajeet Yadav for Spanish; Ms. Komal Kalia for German; Ms. Maitree Chatterjee for French; Ms. Anahita Bhagat and Mr. Abhishek for Japanese; Ms. Varsha Kaushik and Ms. Gunjal Kansal for Korean; Mr. Gaurav Mishra and Ms. Yogita Pachauri for Chinese and Ms. Mala Kapur for Russian.

NCWEB CHAPTER

To empower and promote the holistic development of women, the college has been running NCWEB-Centre since 2017. There are two undergraduate courses, viz., B.A.(P) and B.Com, with more than 1400 students enrolled under the New Education Policy. Dr. Sunil Kumar, Associate Professor, Department of Commerce is the Teacher-in-Charge of the Centre. The Centre has been organizing various academic and extracurricular activities to impart skills to the students. A glimpse of activities for the academic year 2024-25 is as follows:

- A lecture on the topic “how to prepare for the examination” was organized on 17th May 2024 in collaboration with Yuth United for Vision and Action (YUVA). Dr. Rahul Rajan, Assistant Professor, department of Political Science PGDAV College, Dr. Ashish Tripathi, Assistant Professor, Department of History, Zakir Hussain Delhi College, and Dr. Sunil Kumar, Associate Professor, Deen Dayal Upadhyaya College were the resource persons.
- A five-day workshop on “Women in Data Science: Python” were held on 8th July to 12th July 2024 under the aegis of IQAC and DBT STAR College Program, and in collaboration with Learning Links Foundation (A CSR Initiative of Dell Technologies). 90 students participated in the workshop. Mr. Sonu Kumar and Mr. Suhil Soni (Learning Links Foundation) were the resource persons for the workshop.
- A five-day workshop on “MS-Excel: Applications” was organized from 18th July to 22nd July 2024 under the aegis of IQAC and DBT STAR College Program, and in collaboration with Learning Links Foundation (A CSR Initiative of Dell Technologies). 120 students participated in the workshop. Mr. Ranjeet Kumar, Mr. Sonu Kumar and Mr. Suhil Soni (Learning Links Foundation) were the resource persons for the workshop.
- The Centre celebrated Hindi Diwas on 14-15th September 2024. On 14th September, self-written poem by the students, solo-acting and slogan writing. On 15th September an online seminar was organized in which Dr. Rajni (*Hindi Sahitye Main Mahila Lekhikaon Ka Avdaan*), Department of Hindi, Punjabi University Patiala, and Dr. Neeti Kaushal (*Hindi Bhasha Main Rojgar Ki Sambhavnaye*) Department of Hindi, Punjabi University Patiala were the resource persons.
- An orientation program was held on 21st September 2024 for newly admitted students in the NCWEB-Centre.

- A special lecture was held on “*Lokmata Ahilyabai ki Jeevan Yatra*” on 5th October 2024. Dr. Jyoti Chauthaiwale (Social Worker and Scientist) and Dr. Kavinder Talyan (Assistant Professor, Rajdhani College) were the resource persons. The program was organized in association with YUVA.
- Fifty students of the NCWEB-DDUC Centre attended AI Empowerment Summit: Celebrating Women in Tech organized by Learning Links Foundation and National Commission for Women at Constitutional Club Delhi on 28th August 2024.
- A Diwali Carnival (*Diwali Utsav*) was organized by the college students on 29th October 2024. Many students exhibited their stalls of goods made by them.
- A special online lecture series for the career advancement of students on the topic “how to build a CV strong” and “what after graduation?” were held on 11th October 2024, and 17th January 2025 were organized in collaboration with TIMS Education. Mrs. Aditi Mishra (Sr. Regional Head, TIME) and Mrs. Tarannum Raza (Sr. Regional Head TIME) were conducted the sessions.
- A workshop on Surya Namaskar was held on 22nd February 2025 in the college ground in collaboration with YUVA.
- One one-week self-defense program was conducted from 15th February to 19th February 2025 under the guidance of Ms. Poonam (Cyber Cell) Delhi Police.
- Sports Day of NCWEB-Centre was organized on 12th April 2025. Mr. Vipin Kumar, an International Player in the Olympic Games was the chief guest on this occasion.
- A ten-day workshop on “Women in Data Analytics: Python” was held on 10th Feb. to 21st Feb. 2025 under the aegis of IQAC and DBT STAR College Program, and in collaboration with Learning Links Foundation (A CSR Initiative of Dell Technologies). 90 students participated in the workshop. Mr. Suhil Soni (Learning Links Foundation) was the resource person for the workshop.
- A seminar on E-library was organized on 11th March 2025 to impart knowledge on e-resources available on the University library viz., e-books, manuscripts and video lectures etc. Dr. Pooja, Assistant Librarian, Central Library University of Delhi was the resource person.

INDIAN INSTITUTE OF REMOTE SENSING

IIRS-DDUC Chapter successfully organized the following online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun:

- LIDAR Data Processing and Applications: this online program was conducted during August 05, 2024 to August 16, 2024.
- AI/ML for Geodata Analysis: this online program was conducted during August 19, 2024 to August 23, 2024.
- Overview of Global Navigation Satellite System: this online program was conducted during September 23, 2024 to October 04, 2024.
- Overview of Geo-computation and Geo-web services: this online programme was conducted during November 04, 2024 to November 08, 2024.

SCIENCE FOUNDATION IN ASSOCIATION WITH DBT STAR COLLEGE PROGRAM

27th June to 11th July, 2024: A 15 days Summer Internship-cum-Hands-on Training Program (SITP'24) on “Fundamentals of Recombinant DNA Technology from Environment to Laboratory - Isolation, Amplification, & Cloning of a Gene” was organized by Department of Zoology under the aegis of Synapses, DBT Star College Program and Science Foundation (Coordinators: Dr. Shailly Anand & Dr. Renu Solanki).

The Internship Program provided a hands-on training for better understanding of the principles of gene manipulation to 30 undergraduate students (Zoology, Botany and Life Sciences) from different colleges. The following experiments were conducted during the program:

Experiment 1: Preparation of Solid and Liquid Culture Media; Stock Solutions for gene manipulation studies

Experiment 2: Preparation of M-FC Basal Plates

Experiment 3: Sample Collection and Storage

Experiment 4: Preparation of Serial Dilutions

Experiment 5: Spread Plating on rich culture media & specific culture media

Experiment 6: Designing of Gene Specific Primers using bioinformatics tools

Experiment 7: Inoculating E. coli into Culture Medium

Experiment 8: Isolation of total DNA from E. coli cells

Experiment 9: Visualization of DNA by agarose gel electrophoresis
Experiment 10: Polymerase Chain Reaction for amplification of gene of interest
Experiment 11: Agarose Gel Electrophoresis to detect the amplified PCR product
Experiment 12: Extraction of DNA from the gel using Gel Elution Kit
Experiment 13: Quantitation of DNA using Nanodrop
Experiment 14: DNA Sequencing of the Gene of Interest by Sanger's Method
Experiment 15: Analysis of Electropherogram of the Gene of Interest
Experiment 16: Ligation of the eluted gene into pGEMT Easy Vector
Experiment 17: Preparation of E. coli DH5alpha Competent Cells by CaCl₂ method
Experiment 18: Preparation of culture plates containing IPTG, Ampicillin and X-gal
Experiment 19: Transformation of the ligated product in E. coli DH5alpha cells by Heat Shock Method
Experiment 20: Calculation of Transformation Efficiency

The following Lectures were also conducted during the program:

Lecture 1: Basics of Concentrations and Dilutions
Lecture 2: Fundamentals of Primer Designing
Lecture 3: Basics of DNA Isolation and Gel Electrophoresis
Lecture 4: Essentials of Polymerase Chain Reaction
Lecture 5: Methods of DNA Quantitation
Lecture 6: The era from Genomes to Metagenomes!
Lecture 7: DNA Modifying Enzymes used in Recombinant DNA Technology & their importance
Lecture 8: Transformation Techniques in Prokaryotes
Lecture 9: Screening Method: An Introduction to Alpha Complementation

11th July to 18th July, 2024: A One-week Hands-on Workshop on “Advanced Tools in Biotechnology” was organized by Department of Zoology under the aegis of Synapses, DBT Star College Program and Science Foundation to bridge the gap between the theoretical knowledge and practical skills of students via hand-on training in laboratory settings.

(Coordinators: Dr. Renu Solanki & Dr. Shailly Anand)

The workshop provided a platform for the hands-on training and learning experience on molecular techniques which enhanced the practical skills of 29 undergraduate students. During the workshop, 9 experimental sessions were conducted including Blue-white screening,

Isolation and inoculation of the recombinant clone in culture media, Preparation of Glycerol Stock of the recombinant clone for long term storage, Isolation of plasmid DNA from the recombinant clone, Agarose Gel Electrophoresis for visualization of the recombinant clone DNA, Polymerase Chain Reaction, Agarose Gel Electrophoresis for visualization of amplified product, Insert Release from the recombinant clone and, Visualization of Insert Release by Agarose Gel Electrophoresis. Additionally, 4 lecture talks were also held including - 'Transformation Techniques & Measurement of Efficiency of Transformation', 'An overview of different methods of storage of bacterial cultures', 'Check points during cloning by Recombinant DNA Technology – Why's & How's?' and Fundamentals of Molecular Scissors'.

18th July, 2024: A Poster Presentation Competition was organized by Department of Zoology in coordination with Science Foundation and DBT star college scheme on the theme "Biotechnology and its applications".

(Coordinators: Dr. Shailly Anand & Dr. Renu Solanki).

Total 10 teams participated with three members in each team. Topics of the posters were: Illuminating Gene Expression, "The BRCA gene and cancer risk: What you need to know!", "RT-PCR: Amplifying Answers from RNA", "Revolutionising Industry: Role of RDTs in ANTIBIOTICS", "Electrifying insights: unveiling DNA strands through gel electrophoresis", "Diving into genetics: the captivating explosion of DNA sequencing", "Unlocking the Secrets of DNA: Tailored Isolation protocols for diverse organisms", "DNA SEQUENCING: Unveiling the code of life", "Harnessing the Power of CRISPR/Cas" and "Making fabricated fluid using rHBOCs"

Judges: Dr. Shailly Anand, Dr. Renu Solanki, Dr. Guddu Kumar & Dr. Rohit Jamwal

Three best poster presentations were awarded.

18th July – 31st August 2024: Two-week DBT Summer Research Internship was conducted by Covalence, the Chemical Society of Chemistry, under the aegis of DBT Star College Scheme and Science Foundation, Deen Dayal Upadhyaya College. It was coordinated by Teacher-In-Charge, Department of Chemistry, Dr. Chetna Angrish. Fourteen students from B.Sc. (H) Chemistry, B.Sc. Physical Science and B.Sc. Life Science participated in the internship and were supervised by Dr. Mahaveer Genwa, Professor, Department of Chemistry. The aim of the internship program was to give the flavor of research to the budding generation so that they are motivated towards the pursuit of higher studies in science. For this, both lecture sessions and

hands-on training were planned and well executed. For this, both lecture sessions and hands-on training were planned and well-executed. The lectures on the following topics were held:

- (i) Introduction to Nanoparticles
- (ii) Synthesis of Ce-Fe doped NiO Nanoparticles
- (iii) Introduction to Green Chemistry
- (iv) Introduction to green synthesis of nanoparticles
- (v) Introduction to XRD, SEM and TEM techniques
- (vi) Introduction to UV-Visible Spectroscopy
- (vii) Comparative Study for Synthesis of 1,4 Dihydropyridine Derivative of Vanillin via MTSA and Barium Nitrate Catalyst
- (viii) Solid State Physics and X-Ray Diffraction technique
- (ix) Skills required in the field of Research
- (x) Sharing Research Journey (UG to Ph.D.), and Guidance and Insights in the Research Field
- (xi) Introduction to report writing

In the hands-on training, students collected various leaf samples from the college campus and extracted the chemical constituents from them using a green solvent. These phytochemicals were observed using Thin Layer Chromatography (TLC) and further analysed by spectroscopic technique viz. UV-Visible Spectroscopy. Also, they synthesize nanoparticles in laboratory. The exhaustive group discussion on research topics proposed by students was also done. This inculcated in them the scientific problem-solving skills. Besides these sessions, an interaction with the alumni, who got a rigorous training in this institution and now pursuing Ph. D. in United States was held in this program. This program has definitely enriched the minds of students and build the scientific temperament in them. In short, it is a baby step towards the NEP and hence the higher goals. The students were given the certificates for their research internship in the valedictory function held on 31st July, 2024.

9th August 2024: Under the flag of Chemical Society of Deen Dayal Upadhyaya College, Covalence and with the esteemed patronage of DBT Star College Scheme and Science Foundation, a lecture workshop was conducted for interactions of students with their super senior pursuing Ph.D. from The University of Florida, United States of America. The event was entitled as ~ Pursuing Ph.D. in USA: Journey and Challenges. Mr. Yogesh Kumar shared his journey from being B.Sc.(H) Physics student in Deen Dayal Upadhyaya College (University of Delhi) to the Ph.D. scholar in University of Florida (United States). In the first half of session, he shared the formal way to reach United States for Ph.D. programs. In the later

session, he talked about his research work that was based on the hierarchy of nuclear reactors. Indeed, his journey is an inspiration to the present undergraduate students. The event was held under the convenorship of Dr. Nityanand Agasti and Dr. Palvit Rudram. The warm welcome was given by Dr. Palvit Rudram and the teacher-in charge, Dr Chetna Angrish, gave vote of thanks to conclude the session.

12th September, 2024: An Educational visit to Global Bio-India 2024, an annual mega international congregation of biotechnology stakeholders, including international bodies, regulatory bodies, central and state ministries, SMEs, large industries, bioclusters, research institutes, investors, and the startup ecosystem was organized under the aegis of Synapses, Science Foundation, DBT Star College Program, Deeksharambh Student Induction Program on 12th September 2024

(Coordinators: Prof. Manoj Saxena & Dr. Shailly Anand)

The event was structured by Biotechnology Industry Research Assistance Council (BIRAC), a Public Sector Undertaking under the Department of Biotechnology (DBT) - Ministry of Science and Technology, Government of India to showcase India's Biotech growth and opportunities to the world. More than 8000 delegates from round the world had registered for the event. A total of 159 students of Zoology, Botany and Life Sciences participated in the events held on the Day 1 of the program.

17th to 18th September 2024: In commemoration of International Microorganism Day, the Department of Zoology, Deen Dayal Upadhyaya College, University of Delhi, orchestrated Microsphere 4.0, a two-day confluence that brilliantly captured the essence of microbial diversity, research, and innovation. This remarkable event, held under the aegis of Synapses, DBT Star College Program, and the Science Foundation, in association with the Indian Network for Soil Contamination Research (INSCR), and bolstered by its academic-industry collaborator PhiXgen Pvt. Ltd., set a precedent for scientific gatherings of its kind. Under the global umbrella of the International Microbiology Literacy Initiative - South Asian Centre (IMiLI-SAC), the event drew participation and collaboration from a network of esteemed Swami Shraddhanand College, Miranda House, Sri Guru Tegh Bahadur Khalsa College, Ramjas College, Kirori Mal College, Gargi College, Maitreyi College, Shivaji College, Deshbandhu College, and Bhaskaracharya College of Applied Sciences.

(Coordinators: Dr. Renu Solanki & Dr. Shailly Anand).

The following intercollege competitions were organized Micro-Maestros (Personify the Microbes). This flagship event invited participants to personify microbes, transforming these invisible life forms into vivid characters with dynamic personalities and crucial roles in sustaining ecosystems. The presentations embodied creativity at its zenith, as students ingeniously gave voice to bacteria, viruses, fungi, and protozoa, all while shedding light on their importance in health, agriculture, and industry. This innovative competition, students creatively personified various microorganisms, showcasing their vital roles in ecosystems Slogan writing competition. In this event, participants wielded the power of words, crafting slogans that captured the ubiquitous yet enigmatic nature of microorganisms. The competition was a melting pot of ideas, each slogan a reflection of the participant's perspective on the microbial world's profound impact on life and the environment.

- **Microquiz**

The MicroQuiz was an intellectual battlefield that tested the breadth and depth of microbiological knowledge among undergraduate and postgraduate students, The questions spanned an impressive array of topics, including microbial ecology, genetic engineering, and the application of microbes in biotechnology.

18th September 2024: Invited talk by Prof. Rup Lal (NASI Senior Scientist, Acharya Narendra Dev College, University of Delhi) Co-Chair IMiLi-ROND, President INSCR. The topic of his talk was “Fostering India’s Prosperity (Viksit Bharat Vision) through Health, Environment, and Peace”. In his visionary discourse, Dr. Lal emphasized the indispensable role microorganisms play in securing India’s future prosperity. Drawing on cutting-edge research and his extensive expertise, he elaborated on how microbes are key to unlocking breakthroughs in health care, environmental sustainability, and even global peace. He spoke passionately about the potential of microorganisms to drive solutions to some of the most pressing challenges facing humanity, from antibiotic resistance to climate change. His message was clear—India’s path to development is deeply intertwined with understanding and harnessing the power of microbial life.

26th October, 2024: An Educational Trip to Rang Bhawan Akashvani Rang Bhawan for Sardar Patel Memorial Lecture was organized by Department of Zoology under the aegis of Synapses, Science Foundation and DBT Star College Program on 26th October 2025 to hear the lecture of eminent scientist Dr. S. Somanath on the occasion of birth ceremony lecture series of Sardar Patel ji (Coordinators: Dr. Shailly Anand & Dr. Guddu Kumar). The 34 students from B.Sc.

(H) Zoology, B.Sc. Life Sciences along with two teachers Dr. Guddu Kumar and Dr. Jai Kumar visited the Akashvani Bhawan for Sardar Patel memorial lecture. The program began with the opening remarks and contribution by Sardar Patel Ji in the organization of Bharat. Opening words was delivered by honorable president Droupadi Murmu Ji. Akashvani team welcomed the speaker of the day Dr. S. Somanath. Dr. S. Somanath started lecture with the contribution of iron man of India, further he added the satellite system of India and their contribution in the weather forecast, telecommunication, tracking fishing vessels and success story of Chandrayan -3. Future space programs of India and status of ISRO on the global scale was also showcased.

19th November 2024: International Symposium on “Science and Society” was organised by Science Foundation and Synapses under the aegis of DBT Star College Scheme on 19th Nov, 2024 (Organizing Secretaries: Dr. Renu Solanki & Dr. Shailly Anand)

Prof. Kenneth Timmis (Professor at University of Brunswieg, Germany) He delivered Keynote talk on “Microbiology Literacy: A Path to Material Improvement in Societal and Planetary Wellbeing and Sustainability”. Prof. Kenneth Timmis is the chief ambassador of International Microbiology Literacy Initiative and in his talk, he emphasized why there is an urgent need for microbiology literacy in society. He also enlightened about the topic frameworks (TFs) and different curricular resources being developed to make microbes interesting for children learning as a new and promising concept. Dr. Meenakshi Munshi, (Fulbright Fellow, UC Davis, USA. Visiting Professor, UPES, Dehradun Consultant Manipal Academy of Higher Education, Manipal, Former Scientist G/Adviser, Department of Biotechnology, Ministry of Science & Technology, GOI) Dr. Meenakshi Munshi delivered talk on “How lessons learnt from plants can become Rules of Success”, She emphasized about the lessons which we can learn from plants, for example, Plants offer profound lessons in resilience, patience, and interdependence. Plants growth pattern is slow and steady process that requires time, care, and persistence which human beings should also follow. Plants teach us to stay rooted in our values while reaching toward the light of opportunity and growth.

During the symposium online poster presentation competition was held and the result of poster presentation was as follows:

1. “Comparative Analysis of toxic dye degradation ability by different bacterial species” by Charu Agrawal, Shriyam Mishra, Yogita Jhinkwan, Chaitali Ghosh, Divya Gnaneswari, Gargi College, University of Delhi
2. “Freshwater Pearls: The Secret life of Lamellidens Marginalis” by Aditya Sharma, Harsh Sharma, Guddu Kumar, Parikha Monga, Deen Dayal Upadhyaya College, University of Delhi

3. “Science of Sleep and Societal Well being” by Jiya Goel, Ramjas College, University of Delhi and “Effect of Duckweed (*Lemna minor*) Based Diets on the Growth Performance of Rohu, fish (*Labeo rohita*) by Ajay Singh Sikarwar, Department of Zoology.

24th January, 2025: Rural Outreach Programmes - Bani School Innovation Camp VI (BaSIC VI) conducted at Government Senior Secondary School at Bani village in Hamirpur district of Himachal Pradesh under the aegis of DBT Star College Program, Science Foundation, Synapses of our college, International Microbiology Literacy Initiative (IMiLI), Indian National Science Academy (INSA), Federation of European Microbiological Sciences (FEMS), International Society for Microbial Ecology (ISME), Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination Research (INSCR) in association with & in association with Deen Dayal Upadhyaya College (DU), Ramjas College (DU), Department of Zoology (DU), Kirori Mal College (DU), Acharya Narendra Dev College (DU), SGTB Khalsa College and Phixgen Pvt. Ltd., Gurugram.

Under the program, 16 teaching modules were organized that covered the different areas of science and technology and revolved around the central theme of propagation of Microbial Literacy among students. The sessions and modules were designed to not only to raise interest of school children in the field of science specifically microbiology but also the latest technologies and inter-disciplinary sciences. The students were not only taught theoretically but were given hands-on training and demonstrations to develop their interest. 26 students of the college along with 3 faculty members conducted the program.

(Coordinators: Dr. Shailly Anand & Dr. Renu Solanki)

25th January, 2025: Rural Outreach Programme - Biar Initiative: A School Outreach Programme for Enrichment (BioSCOPE III) was conducted at Government Senior Secondary School at Biar village in Hamirpur district of Himachal Pradesh under the aegis of DBT Star College Program, Science Foundation, Synapses of our college, International Microbiology Literacy Initiative (IMiLI), Indian National Science Academy (INSA), Federation of European Microbiological Sciences (FEMS), International Society for Microbial Ecology (ISME), Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination Research (INSCR) in association with & in association with Deen Dayal Upadhyaya College (DU), Ramjas College (DU), Department of Zoology (DU), Kirori Mal College (DU), Acharya Narendra Dev College (DU), SGTB Khalsa College and Phixgen Pvt. Ltd., Gurugram. Under the program, 16 teaching modules were organized that covered the different areas of science

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(Coordinators: Dr. Shailly Anand & Dr. Renu Solanki)

26th January, 2025:

Udgam Outreach Program II conducted at Pradesh International Public School of Science in Bani village in Hamirpur district of Himachal Pradesh under the aegis of DBT Star College Program, Science Foundation, Synapses of our college, International Microbiology Literacy Initiative (IMiLI), Indian National Science Academy (INSA), Federation of European Microbiological Sciences (FEMS), International Society for Microbial Ecology (ISME), Association of Microbiologists of India (AMI) and Indian Network for Soil Contamination Research (INSCR) in association with & in association with Deen Dayal Upadhyaya College (DU), Ramjas College (DU), Department of Zoology (DU), Kirori Mal College (DU), Acharya Narendra Dev College (DU), SGTB Khalsa College and Phixgen Pvt. Ltd., Gurugram. Under the program, 6 teaching modules were organized that covered the different areas of science and technology and revolved around the central theme of propagation of Microbial Literacy among students. The sessions and modules were designed to not only to raise interest of school children in the field of science specifically microbiology but also the latest technologies and inter-disciplinary sciences. The students were not only taught theoretically but were given hands-on training and demonstrations to develop their interest. 26 students of the college along with 3 faculty members conducted the program.

(Coordinators: Dr. Shailly Anand & Dr. Renu Solanki)

15th February 2025: A hands-on Student-Driven Workshop by Keshav Sharma, a 3rd year student of B. Sc. (H) Chemistry, on “Reaction Scheme Making Skills” organized by Covalence under the aegis of DBT Star College Scheme and Science Foundation, Deen Dayal Upadhyaya College. The workshop aimed at enhancing reaction scheme making skills through the world of ChemDraw software.

24th February to 4th March, 2025: Science Foundation under the aegis of DBT Star College Program, NASI-Delhi Chapter, IEEE Delhi Chapter organized Turiyojas’25 (National Science

Fair, Theme: “Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat”) on occasion of National Science Day Celebration under which many Hands-on Training Programs and Workshops were organized by science departments of the college. Department of Zoology organized 13 workshops in association with Synapses on Immunoelectrophoresis, Enzyme Linked Immunosorbent Assay (ELISA), Health Algorithm, Exploring Microbial Growth Dynamics: Practical Skills for Microbial Cultivation – Part I & II, Yeast Genomic DNA Isolation – Part I & II, Double Immunodiffusion, Thin Layer Chromatography, Let’s Learn Aquarium Making, Tapping the Culturable Diversity from Soil, Basics of Microtomy (Coordinators: Dr. Shailly Anand & Dr. Renu Solanki)

Department of Mathematics organized 4 workshops on Basics of Mathematica, Numerical Analysis, EXCEL and Network Flows (Coordinator: Dr. Mamta Amol Wagh)

Department of Computer Science organized Hackarena Hackathon (Coordinators: Prof. Rajni Bala & Prof. Rampal Singh)

Department of Botany organized a workshop on “Techniques in Plant Sciences (including DNA Isolation, Polymerase Chain Reaction, SDS-PAGE, Chromatographic Techniques, Plant Tissue Culture, Synthetic Seed Preparation, Estimation of nitrate reductase activity, Pollen analysis in honey samples from different sources.)” (Coordinators: Dr. Sachchidanand Tripathi & Dr. Rajkumari S. Devi)

Department of Chemistry organized workshops on Basic Concept on art of planning Multistep Synthesis: Preparation of Red Dye from Acetanilide via Aniline, Purification of Dye using Column Chromatography/ Recrystallization Techniques, Molecular Modeling using Argus Lab and a lecture on “Structure of DNA and Antisense Therapy”

Department of Electronics organized a Hands-on Training workshop on “Verilog Implementation of Digital Circuit Designs on FPGA using Vivado” in collaboration with CoreEL Technologies, Designing Regulated DC Power Supply (Coordinators: Prof. Manoj Saxena & Prof. Poonam Kasturi).

A hands-on workshop on “Bioinformatics & Cheminformatics” was also organized by Department of Zoology & Chemistry (Coordinators: Dr. Priya Goel & Dr. Chayannika Singh).

On the whole, more than 700 students participated in the above workshops/ training programs.

19th – 20th March, 2025: Eight Science Departments of the college jointly organized the International Conference on “Innovations in Science & Technology: A perspective of Viksit Bharat” during March 19-20, 2025 under the aegis of Science Foundation of the College, DBT Star College Status Program and supported by IEEE Electron Device Society (EDS) Delhi Chapter. The conference involved NINE diverse thematic tracks (namely, Technological Innovation in Environmental Management; Exploring the Frontiers of Biological Sciences; Indian Knowledge System; Innovating the Digital Future - Trends, Challenges and Opportunities in Computer Science; Frontiers in Physics and Emerging Trends in Electronics; Recent trends to uplift Socio-economic Status of Marginalized Sections (Skill India); Advanced Mathematical Models and Applications; Women in Leadership: A New Era for Sustainability & Discovering the Chemistry of Future), carefully curated to embrace the vast spectrum of scientific and technological advancements.

A total of 15 sessions were held in the span of two days. The themes reflected the multidimensional approach required to achieve the vision of Viksit Bharat by 2047. The conference received 188 Poster Presentations and 208 Oral Research Papers, contributed by researchers from India and across the globe, including the USA, Japan, and Germany. Registrations were received from more than 170 institutions. The conference served as a multidisciplinary platform to discuss and explore technological advancements that can support India’s development vision, “Viksit Bharat@2047.” It featured distinguished national and international speakers from academia, industry, and research institutions.

(Conference General Chair: Prof. Manoj Saxena, Chair: Dr. Shailly Anand & Co-Chair: Dr. Sachchidanand Tripathi)

Distinguished Plenary & Technical Speakers

1. Prof. Biman Bagchi – IISc & DST-SERB National Science Chair Talk: Time Honoured Problems of Physical Chemistry and Physical Biology
2. Prof. Umesh V. Waghmare – JNCSR Bangalore; Former President, Indian Academy of Sciences Talk: Quantum Geometry of Electrons in 2D Materials: Proposals of GQuES Spectroscopies and Anomalous Hall Transistor
3. Prof. Paramjit Khurana – University of Delhi; Vice President, NASI Women in Science & Technology: Confronting Inequalities
4. Prof. Dhananjay Joshi – VC, Delhi Teachers University (Online) Indian Knowledge System

5. Prof. Ramesh Kumar Agarwal – JNU, New Delhi Deep Learning Models: Applications, Challenges and Future Directions
6. Prof. Ajoy K. Ghatak – Former President, NASI Einstein, $E=mc^2$ and the Atom Bomb: Three Events that Changed the Future of Mankind
7. Prof. Ramesh Chandra – VC, Maharaja Surajmal Brij University (Panel Discussion)
8. Prof. Tarun Das – Head, Mathematics, University of Delhi (Panel Contribution)
9. Dr. Himanshu Ojha – Scientist F, INMAS, DRDO Indian Self-Reliance through S&T Progress: A Lesson to the New Generation
10. Prof. P.K. Joshi – JNU Smart Technologies for a Sustainable Future: Paving the Way for Viksit Bharat@2047
11. Prof. Shashi Bhushan Tripathi – TERI School of Advanced Studies Challenges and Opportunities in Genetic Improvement of New Energy Crops
12. Prof. Sharmila S. Mande – Ayush Distinguished Scientist Chair, Consultant at TCS Exploiting Microbial Communities for Health and Wellness
13. Prof. Swaranjit Singh – Director, SAS Free Polyclinic, Mohali Current Trends in the Applications of Biosurfactants
14. Dr. Senthilkumar Umapathy – Dept. of Botany, Madras Christian College DNA Barcoding of Highly-Traded Indian Traditional Medicinal Plants and Its Conservation
15. Prof. Jyoti Sharma – President, FORCE Trust; Taubman Fellow, Brown University Dovetailing with Markets and Governments – Bridging Gaps through Not-for-Profit Support
16. Prof. Vijay Gupta – Head, Mathematics, NSUT (Panel Presentation)
17. Prof. Ayyappanpillai Ajayaghosh – SRM Institute of Science and Technology Chemistry of LCST Active Supramolecular Materials for Smart Windows
18. Prof. Vishal Goyal – Punjabi University, Patiala (Online) Shodhmapak: Plagiarism Detection Tool for Indian Languages with Focus on Hindi and Punjabi
19. Prof. Girdhar K. Pandey – Dept. of Plant Molecular Biology, University of Delhi Abiotic and Biotic Stress in Plants Under Changing Climate
20. Dr. K. Nagendra Prasad – World Pranic Healing Foundation India Pranic Agriculture
21. Prof. Neelima Gupta – Head, Computer Science, University of Delhi (Tech Session)
22. Dr. Satish Kumar – Chief Scientist, CSIR-CSIO Edge Computing for Next-Generation Systems
23. Mr. Tarun Saini – Founder & CEO, Vidyakul (Innovation Talk)
24. Prof. Arup Bose – Indian Statistical Institute, Kolkata Invitation to Random Matrices
25. Prof. Merlyne De Souza – University of Sheffield, UK (Engineering Session)

26. Prof. S. Uma – Dept. of Chemistry, University of Delhi Development of Functional Materials Based on Solid-State Chemistry
27. Prof. Dinabandhu Sahoo – Head, Botany, University of Delhi Bioresource Management
28. Prof. Shachi Shah – IGNOU Climate Smart Agriculture
29. Prof. Rup Lal – INSA Scientist, ANDC, University of Delhi Harnessing Microbial Innovations for Sustainable Development and E-3 Goals: A Pathway to Viksit Bharat
30. Prof. Dharam Singh – CSIR-IHBT, Himachal Pradesh Biodegradable Bioplastic from the Himalayan Bacteria: A Greener Future
31. Prof. Ruby Mishra – Deshbandhu College, DU Metallurgical Marvels of Ancient India
32. Prof. Somitra Sanadhya – Dept. of Computer Science, IIT Jodhpur (Online) (Technical Presentation)
33. Prof. Yashwant Gupta – Centre Director, NCRA-TIFR, Pune Probing the Universe Using Radio Waves: Where Engineering Meets Astrophysics
34. Dr. Govind Gupta – Chief Scientist, CSIR-NPL Advanced Semiconductors for Next-Gen Optoelectronic Devices
35. Shri Parveen Kumar Tyagi – Deputy Director, Ministry of Skill Development (Policy Talk)
36. Prof. Sanjeev Kumar – VC, Maharaja Suhel Dev University (Leadership Panel)
37. Dr. Amita Dev, DG, VSET & VSIT
38. Dr. Preeti Singh, Jt. Director, MoEFCC
39. Dr. Shikha Rastogi, CSIR
40. Dr. Yogieta Sondhi Mehra, CERC
41. Ruchi Tiwari, Havas Media
42. Prof. Rakesh Kumar – Dept. of Chemistry, University of Delhi (Chemical Science Talk)
43. Dr. Saurabh Sharma – Santarpan Ayurveda Ayurveda for Mental Health
44. Prof. Santanu Chaudhuri – Dept. of Electrical Engineering, IIT Delhi AI: Today and Tomorrow
45. Prof. Ajit Kembhavi – PI, Pune Knowledge Cluster (Online) AI and Machine Learning in Astronomy
46. Dr. Akash – IUCAA Fellow Demonstration of ML Applications in X-ray Astronomy

1st April, 2025: An international interactive session titled “From Innate Immunity to Autoimmunity: A Journey of a Lifetime” was organized on 1st April 2025 at 1:00 PM in Room No. 509, Deen Dayal Upadhyaya College (University of Delhi). The event was a collaborative effort by Synapses and Kalpavriksha, the Zoological and Botanical Societies of the college,

held under the aegis of the Science Foundation and DBT Star College Program (Coordinators: Dr. Renu Solanki & Dr. Rajkumari S. Devi).

The session was graced by Prof. Uday Kishore, a renowned immunologist with specialization in innate immunity and autoimmunity. A Fellow of FHEA, FRSB, and FRCPath, Prof. Kishore is currently associated as a professor and researcher with UAE University and the University of Oxford. He is celebrated for his pioneering contributions in immune regulation and disease pathogenesis and is the recipient of several prestigious research awards. During the session, Prof. Kishore shared his journey in the field of immunology, shedding light on the intricate transition from innate immunity to autoimmune conditions. His talk provided deep insights into the mechanisms of immune responses, the challenges in autoimmune disease research, and emerging therapeutic strategies. The lecture was followed by an engaging Q&A session where students and faculty actively interacted with the speaker.

INSTITUTION'S INNOVATION COUNCIL, MoE

8th April 2024: An interactive Workshop on Business Model Canvas by Prof. Ravinder Kaur, Innovation Ambassador and Executive Officer, Udhmodya Foundation (40 participants)

23rd April, 2024: An online session on 'Legal and Ethical Steps for Start-ups' by Ms. Roma Arora, General Manager Legal, Havell's India Limited (50 participants)

6th August 2024: An online 'Workshop on IPR and IP Management' by Ms. Jyoti Chauhan, Chief Manger-IPR, Gujarat Fluorochemicals Limited (75 participants)

7th August 2024: A session on Insight into different types of Innovation was conducted by Prof Ravinder Kaur Innovation Ambassador and Executive Officer, Udhmodya Foundation (45 participants)

13th August 2024: A Webinar on 'Lean Start-up and Minimum Viable Product' was conducted by Dr Dheeraj Malhotra, Associate Professor, School of Information Technology, VIPS-IP University, Innovation Ambassador (82 Participants)

14th August 2024: A Webinar on 'Innovation and Start-up Ecosystem Enabler' was conducted by Dr. Jyoti Arora, Executive Officer, Udhmodya Foundation. (50 Participants)

28th August 2024: A Workshop on 'Team Building, Behavioural Aspects and Conflict management- Prerequisite for Start-ups' was conducted by Prof Ravinder Kaur Innovation Ambassador and Executive Officer, Udhmodya Foundation. (40 participants)

31st August 2024: An online Session on ‘From Innovation to Start-up’ was conducted by Dr. Jay Singh, Assistant Professor, Department of Commerce, Shaheed Bhagat Singh Evening College. (50 participants)

17th September 2024: An Internal Hackathon was organized in collaboration with Robotics Club to shortlist team of students for Smart India Hackathon. (70 participants)

13th November 2024: A Workshop on- ‘Crafting future: Where Innovation meets Entrepreneurship’ was conducted by Prof Ravinder Kaur Innovation Ambassador and Executive Officer, Udhmodya Foundation. (80 participants)

11th December 2024: A motivational Session by Successful Entrepreneur: Introduction to Dragon Fruit Farming- An agricultural Innovation and unlocking Entrepreneurship was conducted in collaboration with Horticulture Cell by Mrs. Reeva Sood (Agro- Woman Entrepreneur) (70 participants)

13th December 2024: Field visit to Incubator of Delhi University ‘**Udhmodya Foundation**’ was organized to give an insight to students about different Start-ups incubated at University of Delhi Startup Ecosystem. (40 participants)

4th February 2025: A session on ‘Step towards Sustainable Development-Innovation for water cleaning- Project AMRIT- initiative by Sant Nirankari Charitable Foundation for Clean Water’ (80 participants)

6th February 2025: A workshop on ‘Introduction to Arduino’ a pre-requisite for Technology Innovations was conducted by students of Robotics Club. (70 participants)

17th February 2025: A motivational Session on ‘Transform Ideas into Impact: Master Photoshop for Entrepreneurial Innovation’ by Mr. Deepak Kumar, CEO of DICE Academy. (80 participants)

21st February 2025: A session on ‘Innovation Development and Technology readiness Level’ was conducted by Prof Ravinder Kaur, Innovation Ambassador and Executive Officer, Udhmodya Foundation. (40 participants)

ANNUAL REPORT OF LIBRARY

The College has an excellent fully air-conditioned central library facility spread over three floors with a total floor area of 2,550 sq. meters. It has provision for a separate reading section for the faculty and spacious reading hall to accommodate students with total seating capacity for 300 persons. It has a dedicated Computer Hub comprising of 20 computer systems including

a network printer to enable access to e-resources available through internet and other resource sharing network.

The library has been undertaking successful automated operation for last 2 decades using professional database software. It has now migrated to web-based open-source platform 'KOHA', since last two years. It has up-to-date bibliographic database of books and journals.

- The library has added **1723** volumes of books this year, making its total collection as **52,560** volumes of books.
- The library subscribed to **44** journals & magazines of national and international repute in the relevant subject areas. Besides this, the library subscribed to **16** national newspapers. It has **613** bound volumes of journals/ periodicals and **850** CDs in its collection.
- The library compiled two issues of *Bibliography* comprising of new titles acquired during the FY 2024-25, namely *September- December, 2024 and April, 2024 - March, 2025*.
- It also compiled two issues of **Table of Contents** comprising of content pages of all the issues of magazines & journals subscribed in the library, vide two issues, *April-September, 2024 and October-December, 2024*.
- The library compiled and shared **Documentation List** on the topic '*One Nation One Election*'.

The entire collection is heavily used by the students and faculty with a total footfall of approximately **30,329** visitors resulting into closed to **25,238** transactions during this period. Interested students were also issued books under book-bank facility comprising of **1824** volumes of books, benefitting around **295** students in this year.

In addition to the printed books, the library also provides internet-based access to e-resources and print-out services. As many as **53** databases, **30,000** e-journals and more than two lakh e-books can be retrieved electronically through various resource sharing networks namely DULS, e-Shodh Sindhu/ ONOS and N-LIST. The library subscribed to institutional membership of resource sharing network, 'DELNET' which augmented its print and e-collection, as well as services.

- Question-papers of the previous years have been uploaded on the library Web-OPAC page.
- A list of useful web-links of many scholarly digital resources were compiled and shared with students and faculty and also updated on the Web page. Login-id for subscribed e-

resources under N-LIST program through INFLIBNET-UGC/ ONOS was also provided to interested students and faculty members.

The library held its User Orientation program on 29th August, 2024 for the new batch of students. The Library organized book exhibition on 27th December, 2024, in which as many as 12 prominent publishers and vendors participated. The event was participated by many students and faculty which also facilitated acquisition of relevant books in the library.

FOUNDER'S DAY

This year the Founder's Day and birth anniversary of Pt. Deen Dayal Upadhyaya ji was celebrated in the college with great fervour. Smt Kamaljeet Sehrawat, Member of Parliament and alumna of our college; and Prof Balaram Pani, Dean of Colleges at University of Delhi were the Guest of Honour; while Dr Nand Kishore Garg, Chancellor of Maharaja Agrasen University, Himachal Pradesh was the Chief Speaker at the event. The program started with lighting of the ceremonial lamp. The 'Kulgeet' of our college, which summarises the philosophy of Deen Dayal Upadhyaya ji was proudly recited in the presence of guests. Prof H C Jain, delivered the welcome address and apprised the esteemed guests about the various initiatives at the college with respect to the overall development and welfare of the students. All the speakers focused on the relevance of the philosophy of Integral humanism as propounded by Pt Upadhyaya ji, even in the present circumstances. They encouraged the students to become good citizens and inculcate the emotions of nationalism in order to make the nation prosperous and progressive. The function culminated with a formal vote of thanks by Prof Anurag Mishra, Convener of the Founder's Day Committee.

KALRAV' 25

The much-anticipated **Kalrav Festival** was held on **6th to 8th March, 2025**, bringing together a vibrant mix of talent, creativity, and enthusiasm. The event saw an overwhelming participation from students across various disciplines, making it a grand success. The festival featured a series of exhilarating competitions and performances, offering a platform for students to showcase their artistic, intellectual, and physical prowess

6th March, 2025:

Inaugural Ceremony: The inaugural ceremony of Kalrav 2025, held at Deen Dayal Upadhyaya College (DDUC), marked the beginning of an electrifying cultural celebration. The event commenced with a traditional lamp-lighting ceremony, symbolizing the triumph of knowledge and creativity. The Principal of DDUC delivered an inspiring address, emphasizing the importance of cultural fests in fostering creativity, teamwork, and leadership among students.

Many events were organized by different societies of DDU college including:

Tarana Hindi Competition – The event was a celebration of linguistic excellence, where participants showcased their eloquence in Hindi through engaging speeches and performances.

Group Dance – Energetic and synchronized performances by various groups set the stage on fire, displaying a fusion of traditional and contemporary dance forms.

Indian Choir – This segment witnessed melodious renditions of soulful Indian music, bringing harmony and rhythm to the festival.

Indian Solo & Instrument Competition – Talented musicians and vocalists mesmerized the audience with their individual performances, showcasing their mastery over musical instruments and singing.

Film Making – Budding filmmakers exhibited their creative storytelling skills through short films, highlighting social and cultural themes with impactful narratives.

Exhibition – The exhibition displayed innovative projects and artistic creations, reflecting the creativity and intellectual capabilities of the participants.

Poem Recitation Competition – Poetry enthusiasts presented their compositions, captivating the audience with their expressions and emotions.

FINS (Finance & Investment Society) – Engaging discussions and competitions related to finance and investment strategies provided an insightful learning experience.

WDC (Women's Development Cell) – Thought-provoking sessions and activities were conducted to highlight the significance of women empowerment and gender equality.

Nukkad Natak – The street play performances addressed important social issues, leaving a strong impact on the spectators. **Ad Master Digital** – Participants showcased their

advertising skills by creating innovative digital campaigns, demonstrating their marketing and branding expertise. **HeuristiQs** – A platform for quiz enthusiasts, this event tested participants' general knowledge and problem-solving abilities. **Drag Race** – A thrilling competition that brought out the engineering and design capabilities of participants through high-speed racing models. **Fitness Competition** – Participants demonstrated their physical endurance and strength through a variety of fitness challenges. **Strength in Motion** – An event dedicated to testing participants' power, agility, and overall strength in a series of physical challenges. **Plank-A-Thon** – A test of endurance and core strength, where participants competed to hold the longest plank duration.

DJ Night: The much-awaited DJ Night, organized by the DDUC in college ground . The event was aimed at offering students a fun and energetic break from their academic pressures, creating a lively atmosphere, and fostering a sense of community among students. It was a night to remember, filled with high energy, great music, and a vibrant crowd.

7th March, 2025:

The second day of **Kalrav Fest** was an exhilarating continuation of the festivities, featuring a perfect blend of creativity, intellect, and artistic expression. The diverse range of events provided a platform for students to showcase their talents and engage in meaningful experiences.

Many events were organized by students and societies including: **Kalamkar Workshop** – A special workshop aimed at nurturing budding writers, poets, and storytellers. Participants explored various aspects of creative writing and literature. **Debate Competition** – A fierce battle of intellect and articulation, where participants engaged in thought-provoking debates on contemporary issues, showcasing their analytical and persuasive skills. **Western Solo and Instrumental Music Competition** – Enthralling solo performances and instrumental showcases captivated the audience, featuring a mix of rock, jazz, blues, and contemporary music. **On-Spot Photostory** – Photography enthusiasts captured compelling visual narratives on the spot, demonstrating their storytelling abilities through images. **Exhibition by Polaroid** – A stunning display of photography and visual arts, highlighting the creative potential of budding photographers through the lens of Polaroid. **Fashion Show** – A glamorous event where participants strutted the runway, displaying innovative and stylish ensembles with confidence and grace. **Theatre**

Expressions – Theatrical performances that convey powerful messages through drama and expressive storytelling, leaving the audience in awe of the performers' talent. **Robowar** aimed to challenge participants in designing and building combat robots capable of competing in an arena. The event tested engineering skills, strategic planning, and robotics innovation. **Cricbuzz-IPL** auction event simulated the high-stakes environment of an IPL auction, where participants played the roles of franchise owners bidding for cricket players within a given budget. **HeuristiQs** was a quiz-based competition designed to test logical reasoning, problem-solving skills, and general knowledge of technology, science, and current affairs.

Band Night: The Band Night event was an electrifying evening filled with music, energy, and excitement. The event was organized by DDUC, with the goal of providing students an opportunity to showcase their musical talent and enjoy a fun, social atmosphere. The night brought together various bands from different genres, providing an eclectic mix of performances that catered to a wide range of musical tastes. *Main artist for Day 2-* Ajitanshu grabbed the mic, the crowd was hooked. His voice carried a mix of raw emotion and electric energy, making everyone sway one moment and jump the next. The audience sang along, their voices blending with his, turning the night into something magical.

8th March, 2025:

The third and final day of **Kalrav Fest** was a spectacular culmination of talent, competition, and entertainment. The day was packed with exhilarating performances, thought-provoking exhibitions, and thrilling events, leaving an indelible mark on all attendees.

Different events marked the stunning opening of day third including: **Kalamkar Events** – A continuation of literary brilliance, featuring poetry, storytelling, and creative writing sessions that enthralled literature enthusiasts. **Solo Dance Competition** – Dancers showcased their mesmerizing moves, blending classical, contemporary, and freestyle genres to captivate the audience. **Battle of Bands** – High-energy performances by competing bands set the stage on fire, creating an electrifying atmosphere with diverse musical genres. **Rap Battles** – Intense lyrical face-offs where rappers impressed the crowd with their quick wit, rhythm, and storytelling skills. **Play** – A theatrical masterpiece that conveyed deep emotions and thought-provoking narratives, showcasing the acting prowess of the participants. **Stalls** – Various creative and interactive stalls offered a range of

experiences, from art displays to culinary delights, adding a lively and engaging dimension to the fest. **Robomaze** – A thrilling tech event where participants programmed robots to navigate intricate mazes, highlighting innovation and problem-solving skills. **Stand-Up Comedy** – Comedians took center stage, delivering hilarious performances that had the audience in fits of laughter. **Debate Exhibition** – A showcase of intellect and articulation, featuring thought-provoking discussions and compelling arguments on pressing issues.

Valedictory ceremony marked the presence of respected Shri Sandeep Sehrawat Ji (Member of legislative assembly, Matiala, Govt. of NCT of Delhi) and Shri Kamal Singh Sehrawat Ji (Member of Parliament, West Delhi, Govt. of NCT of Delhi). Shri Sandeep Sehrawat commenced the event by expressing gratitude to the residents for their overwhelming support in the recent elections. At 32 years old, he achieved a remarkable victory by securing the highest number of votes in the 2025 Delhi Assembly elections, reflecting the trust and confidence the community has placed in him. He emphasized his commitment to addressing local issues, improving infrastructure, and ensuring transparent governance. Shri Kamaljeet Sehrawat congratulated the community on their active participation in the democratic process. She highlighted her vision for West Delhi, focusing on holistic development, women's empowerment, and youth engagement. Her extensive experience, including serving as the mayor of the erstwhile South Delhi Municipal Corporation from 2017 to 2018, positions her well to address the aspirations of her constituents.

Star night with stunning Neeti Mohan – The most awaited moment of the fest arrived as **Neeti Mohan** graced the stage with her sensational voice. The crowd grooved to her melodious tunes, making it a night to remember and the perfect way to conclude Kalrav Fest. Neeti Mohan, known for her versatility and captivating stage presence, delivered an exceptional performance that night. With her rich, soulful voice, she performed a mix of her popular Bollywood hits, including *"Jiya Re"*, *"Naina"*, *"Saudagar Sauda Kar"*, and *"Bang Bang"*. The crowd was treated to a beautiful blend of lively beats and emotional ballads, with Neeti interacting effortlessly with the audience.

COLLEGE CAREER AND PLACEMENT CELL

The academic year 2024-25 witnessed active participation from many renowned companies representing diverse range of sectors, including IT, finance, consulting, marketing, and more.

29 prominent recruiters including companies like Maruti Suzuki India Limited, TopHire, Bhanzu, Crowe, Genpact, IT Nova, Nestle Business Services, EazyGrad, DeShaw & Co, Where You Elevate, Corizo, EaseMyTrip, Anthesis Academy, Infollion, EasyDesq, Jobaaj, Shri NM Electricals, Career Mantra, PWC UK, EY Global, RSA Actuarial Services Ltd, Studio Mosaic, Preferred Square, DeltaX, Willis Tower Watson, Accenture, Radiant Tech, and Hiremi. Notable offers included RSA Actuarial Services with a package of ₹8.12 LPA, Radiant Techsolutions offering up to ₹8 LPA, and WTW with packages up to ₹8 LPA plus performance bonuses. The rate of placement was pegged at 34 per cent.

Besides the placement drives, the cell was also instrumental in organizing career counseling and personality development sessions. The initiative involved organisation of well-coordinated and successful execution of proficient sessions, seminars, and workshops throughout the year. These sessions were conducted by professionals who shared their experiences and industry practices. Prominent activities held during the academic year include:

9th-11th July, 2024: 3-day internal training workshop for the members of the Cell

28th August, 2024: In collaboration with Career Launcher, a seminar on the topic "MBA as a career option" was held.

6th September, 2024: A speaker session on the "USA - CFA Program" was hosted by Imarticus Learning.

9th – 20th September, 2024: A 9–day workshop on interpersonal skill development was organized in association with the renowned Mahindra Pride Classroom a CSR initiative of Mahindra & Mahindra Group. The resource person, Miss Shipra Grover, being a certified and experienced trainer, used interactive activities to help enhance employability skills and leadership abilities among students.

22nd - 29th November, 2024: The orientation program of the Placement Cell was conducted and students from the new batch were familiarized with the tasks at the Placement Cell.

6th December, 2024: A webinar on unravelling the intricacies of Actuarial Sciences was organised to provide an overview of actuarial science, its career prospects, and applications in financial risk management.

19th January, 2025: An informative webinar on ‘Data analytics & Data science roadmap’ was organized to understand the evolving landscape of data science and analytics.

22nd January, 2025: A *Career Fair* to help students explore higher education opportunities.

26th January, 2025: An engaging webinar on *Cracking Off-Campus Placements and Internships in Data Science & Data Analytics* was organised.

2nd February, 2025: An in-depth *Statistics Masterclass* was delivered to strengthen students' foundational understanding of statistics.

9th February, 2025: The Placement Cell hosted an insightful webinar titled “*Generative AI and LLM Masterclass*” to introduce students to the world of Generative AI and Large Language Models (LLMs).

25th and 27th February, 2025: The annual event, a two-day hybrid ‘Internship Fair 5.0’ was successfully organized. Twelve companies visited the campus on Day 1 and was attended by 150 students. The fervour continued as nearly 50 companies scheduled their interviews online for the students on Day 2. The virtual format ensured wider accessibility and inclusivity, bringing opportunities to students from various institutions across India.

STUDENT ACTIVITY BOARD REPORT 2024-25

AMBEDKAR STUDY CIRCLE

The Ambedkar Study Circle (ASC) at Deen Dayal Upadhyaya College actively conducted a variety of academic and cultural events aimed at promoting social awareness, constitutional literacy, and student engagement. The year began with participation in the *Deeksharambh Orientation*, introducing students to the society's objectives. A notable educational trip was organized to the *Ambedkar National Memorial* and *War Memorial*, fostering a deep understanding of Dr. Ambedkar's contributions and India's military heritage. The society hosted impactful *movie screenings*, including *Jai Bhim* and *Udaan*, encouraging discussions on social justice, determination, and equality. On *Ashok Vijayadashmi*, an online speech competition inspired reflections on peace, non-violence, and the transformation of Emperor Ashoka. ASC marked *National Constitution Day* with a quiz and a debate on the Uniform Civil Code, engaging students in critical discourse on the Indian Constitution. During *Kalrav '25*, the society organized two creative competitions—*Ad Master* and *Cricket Cyclone (IPL Auction)*—enhancing students' digital, strategic, and teamwork skills. In addition, ASC conducted *Monthly Constitution Discussions*, nurturing civic awareness and encouraging analytical thinking on constitutional values. Through these diverse initiatives, the society effectively blended education, cultural appreciation, and activism to foster informed, empowered citizens.

DATA ANALYTICS CLUB

The Data Analytics Club (DAC) of Deen Dayal Upadhyaya College aims to equip students with practical skills in data handling, analysis, and visualization through expert-led workshops and sessions. In the academic year, DAC successfully conducted three major workshops. First workshop on **Advanced Excel– "Deep Inside the Grid"** (28th September, 2024), Conducted by Mr. J.P. Singh, this hybrid session attracted 160+ participants and focused on OLTP, OLAP, EMI calculations, and advanced Excel functions. The workshop offered practical insights into financial modelling using Excel. Second Workshop was on **Power BI– "Data to Dashboards"** (9th November, 2024), conducted online by Ms. Ishaa Verma, this workshop trained 110+ participants in dashboard creation, data modelling, DAX functions, and integrating Power BI

with Excel and SQL and the third workshop was conducted on **Python– "Decoding Data"** (30th January, 2025 to 3rd February, 2025), Spanning three days, this hands-on workshop introduced Python basics, data manipulation with Pandas, and visualization using Matplotlib. Led by experts from academia and industry, it bridged technical skills with real-world applications and career guidance. These events were spearheaded by Convener Dr. Deepak Sehgal, supported by faculty and student teams. The club continues to foster a dynamic learning environment, preparing students for the evolving world of data analytics.

DEEN DAYAL UPADHYAYA STUDY CIRCLE

Deen Dayal Upadhyaya College Study Circle has scheduled one big event on 24th April 2025 in the college auditorium. This was organised in collaboration with Rashtra Jagran Abhiyan headed by noted media activist and Supreme court counsel Ms. Subuhi Khan. The main speaker was Sh K N Govindacharya ji who has worked in RSS and BJP and is a profound activist in support of Swadeshi philosophy to run a country. He advised on four aspects of technology. Misuse of Genetic engineering, Artificial intelligence, History and Archaeology and ofcourse use of technology in Consumer sector. He said we must be closely watching these four sectors. The nation must allow development in accordance with the ethos of our spirituality and philosophy. Blind development has limited range and must be curbed.

Ms. Subuhi Khan spoke on nationalism and idea of oneness with the nation. She invited the participant students to join the movement by Rashtra Jagran Abhiyan. Many students became members as well.

The program was presided by Principal Professor Hem Chand Jain. The convener of the program was Professor Anurag Mishra, Convener of Deen Dayal Study Circle.

ECO CLUB

The Eco-Club organized several activities during the session to sensitize and motivate students & volunteers towards the environmental concerns. The activities started with the cleanliness drive on the occasion of the birth anniversary of the father of the nation, Mahatma Gandhi. In collaboration with NSS-DDUC unit a 'Swachchita Pakhwada' had been observed from 1st October to 15th October, 2024. Further, an awareness campaign was organized to save water & save energy on 30th November, 2024. On 24th March, 2025 Eco-club in collaboration with an

NGO, India Aids and NSS-DDUC unit organized a plant distribution drive and motivated participants to take up more plantations in their area.

ENACTUS

The Enactus team at Deen Dayal Upadhyaya College undertook a series of impactful initiatives blending social entrepreneurship, skill development, and sustainability. Project Khushboo was a key focus, where members conducted market research, produced candle prototypes, and trained women from NGOs to craft and sell sustainable candles. Simultaneously, Project Kalariddhi empowered women to create handmade jewellery, with materials sourced through field drives and products exhibited at multiple college fests. Events such as *Ecofusion*, an SDG-based project competition, and *Sharkscape'25*, a state-level sustainable B-Plan contest, fostered entrepreneurial thinking among students. Orientation and recruitment sessions brought in new members, while outreach events like the Children's Day Drive and stalls at inter-college festivals helped spread awareness and engage the wider community. Additionally, the team began exploring innovative project ideas for the national competition, focusing on waste-to-resource solutions. Enactus DDUC's efforts this year highlighted a strong commitment to community upliftment, youth empowerment, and eco-conscious entrepreneurship.

ESCAPADE: THE ADVENTURE CLUB

The Escapade Society of Deen Dayal Upadhyaya College, in collaboration with Alpine Thrills, organized a five-day trekking expedition to Dayara Bugyal, Uttarkashi (Uttarakhand) from 28th March to 2nd April 2025. A total of 52 students and faculty members participated in this adventurous journey that combined natural exploration, team bonding, and personal growth. The trip began with an overnight bus ride, halting briefly at Haridwar for a spiritual visit to Har Ki Pauri. The group then proceeded to Raithal village and spent the evening around a bonfire. The next day, a scenic 5 km trek took the group to Gui campsite, surrounded by oak forests and tranquil views. On Day 3, the trekkers climbed to the breathtaking Dayara Bugyal, enjoying panoramic Himalayan views including Bandarpunch and Draupadi Ka Danda. The return trek began on Day 4, with a stopover at Rishikesh for sightseeing, concluding with a safe arrival back in Delhi on the morning of 2nd April. The expedition offered more than just beautiful landscapes—it encouraged resilience, unity, and unforgettable memories. The success of the trip was made possible through excellent organization, expert guidance, and enthusiastic participation by all involved.

EQUAL OPPORTUNITY CELL (EOC)

The Equal Opportunity Cell (EOC) of Deen Dayal Upadhyaya College organized two impactful events in the academic year 2024–25, focused on motivation, inclusivity, and career guidance. On **18th November 2024**, EOC hosted *UPSC UNLOCK*, a seminar featuring Dr. Tanu Jain, ex-bureaucrat and founder of Tathastu ICS. The session provided aspiring civil servants with expert insights, practical strategies, and inspiration to tackle the UPSC examination. Students gained valuable clarity on preparation techniques, exam structure, and the mindset needed for success. Later, on **26th March 2025**, EOC screened the biographical film *Srikanth*, showcasing the life of visually impaired entrepreneur Srikanth Bolla. The event aimed to motivate students through his story of perseverance and triumph against adversity. A post-screening quiz reinforced key takeaways and promoted interactive engagement. Both events were well-received and reflected EOC's commitment to empowering students through meaningful and inclusive programming.

FIN-S: THE FINANCE SOCIETY

The Fin-S: The Finance Society of Deen Dayal Upadhyaya College, presented its yearly report from June 2024 to April 2025, highlighting its activities and initiatives. The society began the session with an orientation program to introduce itself to freshers, explaining its goals and vision. This was followed by an investment simulation contest. The society conducted a rigorous three-stage recruitment process, including a Google Form screening, group discussions, and personal interviews, to select new members. Following recruitment, an ice-breaking session was held to integrate new members, and tasks were assigned based on their interests. Fin-S organized several knowledge sessions and departmental sessions to enhance members' understanding of finance and develop specific skills. The society also hosted webinars with industry professionals from Ditto Insurance, Crowdw, and Invest School, focusing on topics like insurance, stock market analysis, and navigating market crashes. The society collaborated with Crowdw, publishing over 20 articles on their platform and engaging in knowledge sharing. Additionally, Fin-S organized an in-house competition using the CESIM simulation platform, providing students with a real-time business decision-making experience. Fin-S actively engaged in college events, including the distribution of society merchandise and the organization of Okane Blitz under Kalrav'25, which featured simulation-based competitions like Capital Quest 2025 and Global Portfolio Conquest 2025. The society

also hosted Finanza'25, its annual finance fest, comprising competitions such as Road to Riches, Dalal Street Showdown.

GANDHI STUDY CIRCLE

This report summarizes an educational program titled "Gandhi and Education," which focused on Mahatma Gandhi's philosophies, particularly his views on education. The program included interactive sessions discussing Gandhi's principles like Nai Talim (Basic Education), self-reliance, character-building, and the integration of manual work with education. Participants also attended speeches on the relevance of Gandhi's educational model, his life lessons, and the importance of non-violence and truth. A significant part of the program was the visit to Rajghat, Gandhi's memorial, which provided a moment for introspection on his life and message of non-violence. The visit to the Gandhi Museum offered an immersive experience into his life and thoughts through exhibits of his personal belongings, letters, and speeches. The educational visit was described as a moving and intellectually stimulating experience, allowing students to connect with history and consider the application of Gandhi's philosophies in their own lives.

KALAMKAAR: THE LITERARY SOCIETY

The Kalamkaar society of Deen Dayal Upadhyaya College organized a variety of events in 2024-2025, centered around literature, arts, and creativity. To commemorate Hindi Diwas on September 13, 2024, an open mic competition, "Manchan," and a workshop on challenges faced by the physically challenged were held. In February 2025, Aurora'25 featured a Photoshop workshop, an online poster-making competition ("Graphity"), a ghazal writing workshop ("मुस्कान"), and a Hindi open mic competition ("जज़्बा"). An Art Therapy session and a slam poetry event ("Voice-O-Verse") were also organized. During the Kalrav Literature Festival '25 in March 2025, the society hosted Tarana-e-Kalamkaar (a slam poetry event), a Hindi open mic competition (प्रतिबिंब), a graphics workshop (Designage), a literature quiz (Trivia Tome), and a tattoo painting competition (Inkjection).

NATIONAL SERVICE SCHEME (NSS)

The National Service Scheme (NSS) of Deen Dayal Upadhyaya College organized several events in the 2024-25 session, focusing on social service and community engagement. In September 2024, the NSS held an orientation program to introduce new students to the organization's objectives and activities. October events included a cleanliness drive under the "Swachhata Hi Seva" campaign, an NSS enrolment drive, and an online Canva workshop. November activities featured a Diwali campaign promoting local products, rangoli making, a "Bring a Smile" campaign to support the needy, an awareness campaign on Ashwagandha, and a 5-day health check-up camp. The NSS also organized events for Constitution Day, including a pledge ceremony, quiz competition, poster making, and poem reciting. Additional activities included a cleanliness drive in November, a cleanliness drive in Sanjay Van in January 2025, a Voters' Day pledge ceremony, an online movie screening for Republic Day, and a "Deshprem" event. February events included volunteer participation in the Delhi Assembly Elections, an Ovarian Cancer Awareness Programme, and an Organ Donation Awareness Programme and Quiz. In March, the NSS unit organized events as part of the college's annual fest, Kalrav'25, including ECO-VERSE (an extempore poetry competition) and ECO-VOGUE (a fashion show promoting sustainability). NSS volunteers also participated in a NACO shoot at NSUT and organized a plantation drive and a Cyber Security Awareness Session.

NORTH-EAST CELL

The North East Cell of Deen Dayal Upadhyaya College celebrated cultural heritage, creativity, and inclusivity through a range of vibrant events during the academic year. The year began with a thought-provoking speaker session by Dr. Achingliu Kamei on navigating life in metropolitan cities, followed by a spirited group performance at *Dandiya Nights*. Their annual fest *Meiraang* was held on 24th February, featuring competitions in folk singing, dancing, and on-the-spot painting, along with a taste of authentic North-eastern cuisine. The event drew participation from various Delhi University colleges and fostered cultural appreciation. During *Kalrav 2025*, the Cell showcased traditional items, presented a captivating fusion dance performance, and hosted *Nila Khamor Sithi*, a creative letter-writing contest emphasizing anonymous, heartfelt expression. Members also proudly represented the Cell at inter-college events, winning accolades in folk song and classical dance categories. Through these initiatives, the North East Cell successfully promoted cultural diversity, artistic expression, and community spirit within the college.

POLAROID: PHOTOGRAPHY AND FILMMAKING SOCIETY

Polaroid, the Photography and Filmmaking Society of Deen Dayal Upadhyaya College, had an eventful year with a series of creative, educational, and cultural initiatives. Kicking off with photo walks to Mehrauli Archaeological Park and Humayun's Tomb, the society provided hands-on experience in architectural and candid photography. Other engaging photo walks were organized at Karol Bagh and Yamuna Ghat, where members explored street and landscape photography, refining their skills in real-world settings. Collaborations included event coverage for AIESEC's donation and plantation drives. The society also conducted a two-day *Photography and Editing Workshop*, featuring expert-led sessions on composition, post-processing, and tools like Lightroom and Photoshop. An enthusiastic turnout at their *Orientation* introduced fresh talent through interactive games and *Snapseek*, the signature treasure hunt. During *Navratri*, Polaroid partnered with the Student Union for a vibrant cultural celebration, capturing its essence through photography and video. At the annual college fest *Kalrav*, Polaroid spearheaded event coverage and hosted its own lineup: *Shashin* (online photo contest), *Monogatari* (photo story competition), *Akari* (offline filmmaking challenge), and *Numaish*, a photo exhibition showcasing members' work. Throughout the year, Polaroid fostered storytelling, visual expression, and collaborative spirit among students.

RAAGA: THE DANCE SOCIETY

The Raaga Dance Society had a dynamic year, shining as a leading platform for Western dance at DDUC. Specializing in styles like hip-hop, contemporary, and street dance, Raaga hosted four major competitive events under *Kalrav: Pasodoble '25* (Western Group Dance), *Feet on Fire '25* (1v1 Street Battle), *The Final Showdown '25* (Crew Battle), and *Baile '25* (Western Solo Dance). These events brought together top dance talent from across Delhi-NCR, judged by renowned professionals like A.M. Naveen Kumar, Dhruv Hassani, and Akshay Bhardwaj. Beyond hosting, Raaga actively participated in dance competitions across 50+ Delhi University colleges, institutions in Delhi-NCR like DTU, Ashoka University, and IPU, and prestigious national-level fests at IIT Bombay, IIMs, and BHU. Their performances were marked by innovation, technical excellence, and a strong team spirit. Within DDUC, Raaga performed at orientations, alumni meet, science conferences, and *Kalrav* promotions, enhancing campus vibrancy. The society also organized a workshop on careers in choreography, contributing to

students' professional growth. Raaga's 2024–25 journey was defined by artistic excellence, wide outreach, and cultural impact.

RHAPSODY: THE MUSIC SOCIETY

Rhapsody, the music society of Deen Dayal Upadhyaya College (DDUC), had a dynamic year filled with performances and learning experiences. The society provided a platform for musicians to showcase their talent and foster a collaborative environment. Rhapsody participated in the Echiesta inter-college music competition in October, with members competing in various categories. In February, the society organized workshops on music recording, covering sound editing, DAWs, recording techniques, and home studio setup. Rhapsody also organized two flash mobs on campus to engage the college community and promote music.

ROBOTICS SOCIETY

The Robotics Club at Deen Dayal Upadhyaya College organized several events and workshops in 2024-2025, aimed at fostering innovation and technical skills among students. An Internal Hackathon was held on September 17, 2024, to facilitate SIH2024 registration, featuring diverse projects from students across various disciplines. The hackathon included a rigorous judging process, with judges evaluating projects based on their real-world applicability and market potential. The club also participated in the Smart India Hackathon (SIH) 2024, with one team presenting a solution for automated price estimation at the grand finale held at IIT Guwahati. Additionally, the Robotics Club, in collaboration with the Physics Department, conducted an Arduino Workshop on February 6, 2025, focusing on Arduino microcontrollers, digital electronics, and embedded systems. The club also organized several competitions as part of the college's annual cultural fest, Kalrav 2025, including ROBO RACE (March 6, 2025), ROBO WAR (March 7, 2025), and ROBO MAZE (March 8, 2025). These events saw participation from various colleges and aimed to promote technical innovation and competitive spirit.

SANGYAN: THE QUIZ WING

Sangyaan, the Quizzing Society of Deen Dayal Upadhyaya College, organized several quiz competitions during the academic year. These events included the Microbiology Inter College Quiz on September 17, 2025, celebrating World's Micro-organisms Day. The society also held a Freshers Orientation Quiz for first-year students on October 1, 2024, and a Founders Day Quiz on October 22, 2024, with 77 students participating. The Annual Quiz Fest, HeuristiQs, was a major event held on March 6th and 7th, 2025, as part of the Kalrav Celebrations, drawing 250 registrations from 45 colleges in Delhi and the NCR region. This fest featured quizzes on various themes, including MELA (Music, Entertainment, Literature and Art), BIZ-TECH (Business & Technology), JAPAN (Culture, Heritage, History & Anime), General Quiz, Geography Quiz, and India Quiz. The quizzes were conducted in two rounds, with a pen and paper preliminary round followed by a live scoring final round, from which the top 6 teams were selected. Participants expressed satisfaction with the organization of the events. Additionally, the document highlights student achievements, with Shardul Vikram Singh qualifying for the State Level round of the RBI90Quiz, and Aryan Kumar securing top positions in multiple quizzes.

SPIC MACAY

The SPIC MACAY chapter of Deen Dayal Upadhyay College organized an orientation on October 23, 2024, aimed at introducing students to India's rich cultural heritage and the SPIC MACAY movement. The orientation included a documentary screening, a presentation on SPIC MACAY's activities. A Cinema Classic session featuring the film "The Making of the Mahatma" was also conducted, followed by an interactive Q&A session. Additionally, the SPIC MACAY chapter organized a Carnatic Violin Recital on February 22, 2025, featuring renowned violinist Dr. Mysore Manjunath. The event was well-received, with an enthusiastic audience enjoying the musical performance.

VIVEKANANDA STUDY CIRCLE

The Vivekananda Study Circle (VSC) at Deen Dayal Upadhyaya College organized several impactful events throughout the academic year 2024–25. The year began with a volunteer meet in October, fostering community spirit through introductions and ice-breaking games. An enlightening presentation session on Artificial Intelligence by a student speaker sparked discussion on the role of AI in modern life. A major highlight was the **Surya Namaskar Competition 2025**, held in February with participation from 57 colleges, featuring 88 active

contestants and over 60 volunteers. Winners received cash prizes and certificates, and the event successfully promoted physical well-being and discipline. VSC also hosted a group discussion on the transformative power of yoga and meditation, emphasizing mental, physical, spiritual, and academic benefits. An educational tour to Delhi landmarks like Rashtrapati Bhavan, Amrita Udyan, and Lodhi Garden enriched students' historical and cultural understanding. The year concluded with a Quiz & Essay Competition in April in collaboration with Vision IAS, attracting over 100 participants. The competition offered a platform for knowledge building, critical thinking, and interactive learning. Overall, VSC effectively blended education, wellness, and engagement, fulfilling its mission to inspire and empower students.

VOICES: THE DEBATING SOCIETY

The Debating Society of Deen Dayal Upadhyaya College, "Voices," conducted an online orientation on October 24, 2025, to introduce students to the society and the world of debating. The orientation covered various debate formats and included a mock Asian Parliamentary debate. Following the orientation, a recruitment process was held, where 55 students were selected to join Voices 2024-25 based on personal interviews assessing their reasoning and critical thinking skills. Voices also organized "Conventional - Kenosha," an annual bilingual conventional debate, as part of the college's cultural festival. The debate saw participation from various colleges and followed a conventional format with specific rules for speech time and team composition. The winners were awarded prizes, and the event was considered a success in promoting intellectual discourse. Additionally, Voices hosted "VITARK 2025," the 10th edition of their Annual British Parliamentary Debate, which has become a prestigious tournament attracting participants from top institutions globally.

WOMEN DEVELOPMENT CELL (WDC)

The Women Development Cell (WDC) of Deen Dayal Upadhyaya College is dedicated to empowering and supporting women, challenging societal norms, and addressing critical issues. This year, they have focused on sparking conversations and taking steps toward a more inclusive and equitable society through seminars, discussions, and initiatives on gender rights, leadership, safety, and societal expectations. Key events included a Speaker Session on Leadership and Career Development with Shruti Malik from Adobe, focusing on resume building, job search strategies and professional growth, and SRIJANIKA'25, featuring "Legislate Her," a policy drafting competition to engage students with social issues and legal

frameworks, and "Expressions," an inter-college competition celebrating dance, theatre, and fashion as a means of self-expression. Additionally, the WDC organized a Pad Distribution Drive to provide sanitary pads to underprivileged women and raise awareness about menstrual hygiene.

YAVANIKA: THE THEATRE SOCIETY

The Yavanika Theatre Society of Deen Dayal Upadhyay College presented its annual report for the year 2024-2025, highlighting various achievements and milestones. The society began the year with a performance of their self-directed play, "Bank Manager," at the Deekshaarambh orientation program on September 23rd, 2024. An Investiture Ceremony was held on September 30th to formally appoint the new members of the council. Auditions for new members were organized on October 3rd, 2024. Throughout the session, Yavanika conducted workshops covering various aspects of theatre, including acting, direction, and scriptwriting. The society also organized Aarambh, a two-day event held on November 16th and 17th, 2024, which brought together theatre enthusiasts from across the Delhi Collegiate Theatre Circuit and featured workshops and interactive sessions. Yavanika prepared and performed a self-directed play, "The Guest House," at the Create Theatre Festival on January 21st, 2025, and at Bennett University, where they secured the 1st position in a theatre competition on February 16th, 2025. The team also participated in a National-Level Competition at DA-IICT in Gujarat from February 19th to 24th, 2025. Yavanika organized their annual fest, Mirage, from March 6th to 8th, 2025, featuring events like Street Sangram, Istoria, and Prastuti. Their production "The Guest House" was selected to be showcased at multiple colleges. Rehearsals are currently underway for their Annual Production, "Abhimanyu".

SPORTS ANNUAL REPORT 2024-25

Approximately 1,100 students of DDUC participated in various sports events at different levels and in classes of value-added courses. The students have enthusiastically participated in various level tournaments namely: Khelo India University Games, National level Tournaments, Inter-University Championship, Inter College Tournament, Inter Class sports events and Annual Sports Day.

ACHIEVEMENT LIST 2024-25						
S. No.	Name	Roll No	Course	Sport	Achievement	Level
1	Pooja	21HBT6530	B.Sc. (H) Botany	Korfball	Participation	IKF World Beach Korfball Championship 2024
						35th Senior National Korfball Championship, 2024
2	Nitin Kumar	22HMT3138	B.Sc. (H) Mathematics	Fencing	Participation	32nd Junior National Fencing Championship, Patna, Bihar (2024-25)
				Yoga	3 rd	Spandan Inter College Rhythmic Competition
3	Priyanshu Bhalothia	24COM1727	B. Com (H)	Baseball	2 nd	32nd Junior National Baseball Championship (Boys)
4	Vishal Sharma	22HCS4165	B.Sc. (H) Computer Science	Baseball	3 rd (Team)	37th Senior National Baseball Championship (Boys)
5	Chetna Singh	22MTS5710	B.Sc. Mathematical Sciences	Taekwondo	Participation	13th National Senior Poomsae Taekwondo Championship 2024
					1 st	40th Delhi State Senior Taekwondo Championship 2024

					3 rd	40th Delhi State Senior Taekwondo Championship 2024
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6	Kunal Nath	23COM1706	B. Com. (H)	Weightlifting	3 rd place	Inter-college Weightlifting Tournament (3rd)
7	Kirti Sethi	22BMS0371	BMS	Korfball	Participation	35th Senior National Korfball Championship, 2024
8	Himanshi Rajani	22COM1705	B. Com(H)	Korfball	Participation	35th Senior National Korfball Championship, 2024
9	Vivek Kumar	22HMT3165	B.Sc. (H) Mathematics	Fencing	Participation	All India Inter-University Fencing Championship
10	Aryan Rai	24BMS0412	BMS	Fencing	Participation	35th Senior National Fencing Championship, Kannur, Kerala (2024-25)
11	Dhruv	24BAP9572	BA Program	Fencing	Participation	35th Senior National Fencing Championship, Kannur, Kerala (2024-25)
					Participation	All India Inter-University Fencing Championship
12	Sakshi Kumari	23HCS4145	B.Sc. (H) Computer Science	Fencing	1 st place	District Fencing Championship (2024-25)
13	Aditi Singh	24PCS5103	B.Sc. Physical Science with Computer science	Fencing	1 st place	District Fencing Championship (2024-25)
14	Jyoti	24PCS5124	B.Sc. Physical Science with Computer science	Fencing	1 st place	District Fencing Championship (2024-25)
15	Priya Kumari	23HZL7119	B.Sc. (H) Zoology	Fencing	1 st place	District Fencing Championship (2024-25)

					Participation	Delhi State Fencing Championship (Senior)
16	Suman	22HPH2663	B.Sc. (H) Physics	Fencing	1 st place	District Fencing Championship (2024-25)
					Participation	Delhi State Fencing Championship (Senior)
17	Rajesh	24HPH2650	B.Sc. (H) Physics	Fencing	1 st place	District Fencing Championship (2024-25)

18	Neha Kumari	24HCS4151	B.Sc. (H) Computer Science	Archery	Participation	All India Inter-University Archery Championship (M&W)
					2 nd (Mix Team)	Delhi State Archery Championship (Senior)
					3 rd (Mix Team)	Delhi State Archery Championship (Junior)
					2 nd (Team)	Delhi State Archery Championship (Senior)
					2 nd (Team)	Delhi State Archery Championship (Junior)
19	Himanshu Soni	23HCS4120	B.Sc. (H) Computer Science	Archery	Participation	All India Inter-University Archery Championship (M&W)
					3 rd (Mix Team)	Delhi State Archery Championship (Junior)
					2 nd (Mix Team)	Delhi State Archery Championship (Senior)
					3 rd (Olympics)	Delhi State Archery Championship (Senior)
20	Aditya Gulia	22COM1549	B. Com(H)	Archery	Participation	All India Inter-University Archery Championship (M&W)
21	Dev Shokeen	22BAP9545	BA Program	Archery	Participation	All India Inter-University Archery Championship (M&W)
22	Palak	24BAP9333	BA Program	Archery	2 nd (Team)	Delhi State Archery Championship (Junior)
					2 nd (Team)	Delhi State Archery Championship (Senior)
23	Kritika	24BAP9327	BA Program	Archery	2 nd (Team)	Delhi State Archery Championship (Junior)

					2 nd (Team)	Delhi State Archery Championship (Senior)
24	Anisha	24BAP9504	BA Program	Archery	2 nd (Team)	Delhi State Archery Championship (Junior)
					2 nd (Team)	Delhi State Archery Championship (Senior)

NAME OF TOURNAMENT Inter College Volleyball Tournament (Men)		Organized by Delhi University Sports Council
NAME	ROLL NO.	COURSE
Arpit Shukla	22HZL7111	B.Sc (H) Zoology
Arpit	22HEL2207	B.Sc (H) Electronics
Ishant Ranjan	22PHS6115	B.Sc Physical Science with Chemistry
Vinayak	23HPH2647	B.Sc (H) Physics
Aditya Raj Dixit	23HPH2606	B.Sc (H) Physics
Rahul Chaudhary	23COM1710	B. Com (H)
Keshav Kumar	24BAP9353	BA Programme
Baibhav Raj	22COM1524	B. Com (H)
Rahul Gautham	23COM1952	B. Com (H)
Tswang Mingur	24BAP9353	BA Programme
Utkarsh Yadav	24BAP9570	BA Programme
Ashish Kumar San	23HEL2109	B.Sc (H) Electronics

NAME OF TOURNAMENT Inter College Basketball (Men) Tournament		Organized by Delhi University Sports Council
NAME	ROLL NO.	COURSE
Rahul Choudhary	23COM1710	B.Com (H)
Arnav Tyagi	23BMS0392	BMS
Raghav Chadha	24BMS0409	BMS
Bhumesh Dhatteval	23HCS4185	B.Sc (H) Computer Science
Ayush Kerketta	22BMS0313	BMS
Kshitij Sigroha	23COM1669	B.Com (H)
Ayush Sapra	24HCS4206	B.Sc (H) Computer Science
Vishal Yadav	22BMS0376	BMS
Aman Kumar	24HEL2108	B.Sc (H) Electronics
Pawan Arora	24COM1709	B.Com (H)
Ishant Bansal	24COM1658	B.Com (H)
Shivalik Pachauri	24COM1915	B.Com (H)
NAME OF TOURNAMENT Inter College Cricket Tournament (Men)		Organized by Delhi University Sports Council

NAME	ROLL NO.	COURSE
Dheeraj	22COM1539	B.Com (H)
Bhupesh Kumar	24MTS5712	B.Sc Mathematical Science
Anuj Pratap Singh	22BAP9449	BA Programme
Abhay Rathore	24BMS0302	BMS
Arham Oswal Jain	24COM1534	B.Com (H)
Jatin	22PCS5138	Physical Science with CS
Mayank	22COM1678	B.Com (H)
Atul Kumar	22BMS0366	BMS
Harshit Shokeen	22BMS0369	BMS
Naman Singh	22BMS0330	BMS
Ravi Kumar	22HMT3173	B.Sc (H) Mathematics
Ashutosh Mishra	22COM1519	B.Com (H)
Nitin Yadav	22BMS0336	BMS
Manu Krishna	22BAP9315	BA Programme
Mayank Suri	22PHS6129	B.Sc Physical Science with Chemistry

NAME OF TOURNAMENT Inter College Baseball Tournament (Men)		Organized by Delhi University Council
NAME	ROLL NO.	COURSE
Atul Kumar	22BMS0366	BMS
Dheeraj	22COM1539	B.Com (H)
Ankit Prasad	23BMS0372	BMS
Aniket Choudhary	23HCS4159	B.Sc (H) Computer Science
Amit Kumar	24COM1569	B.Com (H)
Talib Hussain	22BAP9548	BA Programme
Rigved Joshi	24COM1913	B.Com (H)
Nitish Kumar	24BAP9569	BA Programme
Mukesh Mahato	24BAP9357	BA Programme
Vishal Sharma	22HCS4165	B.Sc (H) Computer Science
Harshit Bhalotia	22BAP9546	BA Programme
Harshit Shokeen	22BMS0369	BMS
Surya	24BAP9350	BA Programme
Samarth Gupta	22COM1869	B.Com (H)
Ravi	22HMT3173	B.Sc (H) Mathematics
Priyanshu Bhalotia	24COM1727	B.Com (H)

NAME OF TOURNAMENT Inter College Table Tennis Tournament (Men)		Organized by Delhi University Sports Council
NAME	ROLL NO.	COURSE
Sahil Grover	23HMT3145	B.Sc (H) Mathematics
Harshit Sharma	23BAP9515	BA Programme
Kartik Saini	22HCS4127	B.Sc (H) Computer Science
Manjeet Singh	22HCS4138	B.Sc (H) Computer Science
Aditya Kasotia	24COM1507	B.Com (H)

NAME OF TOURNAMENT Inter College Badminton Tournament (Men)		Organized by Delhi University Sports Council
NAME	ROLL NO.	COURSE
Lalit Vaishnav	23BAP9545	BA Programme
Nitin Kumar	23MTS5724	B.Sc Mathematical Science
Ashutosh Yadav	23HZL7106	B.Sc (H) Zoology
Harshwardhan	24BAP9323	BA Programme

NAME OF TOURNAMENT Inter College Basketball Tournament (Women)		Organized by Delhi University Sports Council
NAME	ROLL NO.	COURSE
Kriti Sethi	22BMS0371	BMS
Himanshi Rajni	22COM1705	B.Com (H)
Khyati Sharma	23COM1705	B.Com (H)
Shreya Patel	23BMS0385	BMS
Suditi Pan	23HCS4150	B.Sc (H) Computer Science
Stuti Dhingra	24BMS0410	BMS
Sakshi Swami	22HEL2236	B.Sc (H) Electronics
Sonu Singh	22COM1880	B.Com (H)

NAME OF TOURNAMENT Baseball Men (Festival of Youth Sports)		Organized by SRCC
NAME	ROLL NO.	COURSE
Atul Kumar	22BMS0366	BMS
Dheeraj	22COM1539	B.Com (H)
Ankit Prasad	23BMS0372	BMS

Aniket Choudhary	23HCS4159	B.Sc (H) Computer Science
Amit Kumar	24COM1569	B.Com (H)
Talib Hussain	22BAP9548	BA Programme
Rigved Joshi	24COM1913	B.Com (H)
Nitish Kumar	24BAP9569	BA Programme
Mukesh Mahato	24BAP9357	BA Programme
Vishal Sharma	22HCS4165	B.Sc (H) Computer Science
Harshit Bhalotia	22BAP9546	BA Programme
Samarth Gupta	22COM1869	B.Com (H)

NAME OF TOURNAMENT Inter College Basketball Invitational Tournament (Men)		Organized by Maharaja Agrasen College
NAME	ROLL NO.	COURSE
Rahul Choudhary	23COM1710	B.Com (H)
Arnav Tyagi	23BMS0392	BMS
Raghav Chadha	24BMS0409	BMS
Bhumesht Dhatlerwal	23HCS4185	B.Sc (H) Computer Science
Ayush Kerketta	22BMS0313	BMS
Kshitij Sigroha	23COM1669	B.Com (H)
Ayush Sapra	24HCS4206	B.Sc (H) Computer Science
Aman Kumar	24HEL2108	B.Sc (H) Electronics
Pawan Arora	24COM1709	B.Com (H)

NAME OF TOURNAMENT Inter College Football Invitational Tournament (Men)		Organized by Maharaja Agrasen College
NAME	ROLL NO.	COURSE
Dhairya Choudhary	22BAP9558	BA Programme
Anshul Meena	22BAP9509	BA Programme
Mayank Mahadevan	22COM1679	B.Com (H)
Rishabh	23HCS4174	B.Sc (H) Computer Science
Pratish Nehra	24PHS6142	B.Sc Physical Science with Chemistry
Anirudh Gupta	24COM1521	B.Com (H)
Subungshar Narzary	23HZL7147	B.Sc (H) Zoology
Khalid	22HCS4128	B.Sc (H) Computer Science
Tirthankar Saikia	23HCS4142	B.Sc (H) Computer Science
Praduman Singh	24BMS0357	BMS
Chirag	24PCS5113	B.Sc Physical Science with Computer Science
Kunal Nath	23COM1706	B.Com (H)
Ishaan Rastogi	22HMT3124	B.Sc (H) Mathematics

Rohith PV	24BMS0371	BMS
Arnav Tyagi	23BMS0392	BMS

NAME OF TOURNAMENT Inter College Basketball Invitational Tournament (Women)		Organized by Maharaja Agrasen College
NAME	ROLL NO.	COURSE
Kriti Sethi	22BMS0371	BMS
Himanshi Rajni	22COM1705	B.Com (H)
Khyati Sharma	23COM1705	B.Com (H)
Shreya Patel	23BMS0385	BMS
Suditi Pan	23HCS4150	B.Sc (H) Computer Science
Stuti Dhingra	24BMS0410	BMS

NAME OF TOURNAMENT Inter College Cricket Invitational Tournament		Organized by Maharaja Agrasen College
NAME	ROLL NO.	COURSE
Amit Kumar	24COM1569	B.Com (H)
Talib Hussain	22BAP9548	BA Programme
Surya	24BAP9350	BA Programme
Mayank Suri	22PHS6129	B.Sc Physical science with Chemistry
Anuj Pratap Singh	22BAP9449	BA Programme
Adarsh	23BAP9403	BA Programme
Karan Raj	24BAP9326	BA Programme
Manas Pandey	24BAP9434	BA Programme
Vivek Nagar	24BAP9354	BA Programme
Harshit Kharb	24BAP9520	BA Programme
Eklavya Pathre	24BAP9419	BA Programme
Rishi	24HCS4168	B.Sc (H) Computer Science
Aditya Malik	24BAP9356	BA Programme
Anivek Tyagi	24HMT3115	B.Sc (H) Mathematics

NAME OF TOURNAMENT Inter College Basketball Invitational Tournament (Men)		Organized by Lady Shri Ram College for women
NAME	ROLL NO.	COURSE
Rahul Choudhary	23COM1710	B.Com (H)
Ayush Sapra	24HCS4206	B.Sc (H) Computer Science
Arnav Tyagi	23BMS0392	B.Com (H)
Raghav Chadha	24BMS0409	BMS
Ayush Kerketta	22BMS0313	BMS
Kshitij Sigroha	23COM1669	B.Com (H)
Bhumesh Dhatteval	23HCS4185	B.Sc (H) Computer Science

Pawan Arora	24COM1709	B.Com (H)
Likhil	23COM1707	B.Com (H)

NAME OF TOURNAMENT Inter College Table Tennis Invitational Tournament (Men)		Organized by Lady Shri Ram College for women
NAME	ROLL NO.	COURSE
Sahil Grover	23HMT3145	B.Sc (H) Mathematics
Harshit Sharma	23BAP9515	BA Programme
Kartik Saini	22HCS4127	B.Sc (H) Computer Science
Gaurav Matta	24COM1565	B.Com (H)
Aditya Kasotia	24COM1507	B.Com (H)

NAME OF TOURNAMENT Inter College Football Invitational Tournament (Men)		Organized by Maharaja Agrasen College
NAME	ROLL NO.	COURSE
Khalid Abdi	22HCS4128	B.Sc (H) Computer Science
Anshul Meena	22BAP9509	BA Programme
Kunal Nath	23COM1706	B.Com (H)
Pratish Nehra	24PHS6142	BSc Physical Science with Chemistry
Praduman Singh	24BMS0357	BMS
Rishabh	23HCS4174	B.Sc (H) Computer Science
Tirthankar Saikia	23HCS4152	B.Sc (H) Computer Science

NAME OF TOURNAMENT Delhi State Archery Championship (Men and Women)		Organized by Delhi Archery Association
NAME	ROLL NO.	COURSE
BOYS		
Himanshu Soni	23HCS4120	BSc (H) Computer Science
Nikhil Saini	24MTS5726	B.Sc Mathematical Science
Varun Singh Saun	24PHS6136	B.Sc Physical Science with Chemistry
Aditya Gupta	24LFS7706	B.Sc (H) Life Science
Lavkesh Kumar	24BAP9526	BA Programme
Abhishek Kumar Verma	24COM1505	B.Com (H)
Arpan Khandelwal	24COM1537	B.Com (H)
Rudra	24ENG0638	BA (H) English
GIRLS		
Neha Kumari	24HCS4151	BSc (H) Computer Science
Palak	24BAP9333	BA Programme
Kritika	24BAP9327	BA Programme
Anisha	24BAP9504	BA Programme

The Department of Physical Education and Sports Committee of the college organized the Inter-Class 7-A-Side Tennis-Ball Cricket Tournament.

Inter-Class 7-A-Side Tennis Ball Cricket Tournament

Date of Tournament: 7-16 April 2025

Total No. of Teams Participated: 21

Total No. of Participants: 210

WINNERS

POSITION	TEAM NAME
1 st	Bachelor of Management Studies (Mix)
2 nd	B.A. Programme (1 st Year)
3 rd	B.A. Programme (3 rd Year)

S.No.	BACHELOR OF MANAGEMENT STUDIES (MIX) 1 st place	B.A. PROGEAMME (1 ST YEAR) 2 nd place	B.A. PROGRAMME (3 RD YEAR) 3 rd place
1	Atul Kumar	Surya	Anuj Pratap Singh
2	Harshit Shokeen	Vivek Nagar	Aryan
3	Naman	Aditya Malik	Akash
4	Nitin Yadav	Abhijeet Rai	Harshit
5	Abhay	Jagrut Rathi	Talib
6	Himanshu Lamba	Manas Pandey	Tileshwar
7	Suryam	Divyam	Yash Chandola
8	Akansha	Kumkum	Anjali
9	Astha	Vani	Ayushi
10	Nitika	Aditi	Menka

ANNUAL SPORTS DAY REPORT (April 17, 2025)

The **Annual Sports Day** of Deen Dayal Upadhyaya College was held with great enthusiasm and energy on April 17, 2025 at the college ground. The event witnessed an electrifying atmosphere filled with vibrant performances, inspirational speeches, and recognition of outstanding athletic talent.

The event commenced with the facilitation of our esteemed **Chief Guest**, Mr. Mohit Bhandari, Indian Basketball Men's team coach and the **Guest of Honor**, Prof. Sarita Tyagi (HOD of department of Physical Education & Sports Sciences). They were warmly welcomed with flower Pots. Following this, a group of students performed an inspiring **Yoga demonstration**, showcasing strength, flexibility, and inner peace through various asanas. The audience was left in awe by their control and synchronization.

Our respected Principal (Prof. Hem Chand Jain) then delivered the **welcome speech**, extending heartfelt greetings to all the guests, students, and staff. The principal highlighted the importance of sports in holistic development and congratulated the sports department and students for their active participation.

Following the principal's address, both the **Chief Guest and Guest of Honor were invited to the stage** to share their thoughts and encourage the students with their wisdom and experience.

The **Guest of Honor** addressed the gathering and emphasized the value of discipline, fitness, and teamwork in sports and life.

The **Chief Guest** in their speech appreciated the college's efforts in promoting sports and acknowledged the achievements of the athletes who brought laurels at various levels and motivated students to join sports as profession.

The most awaited part of the event, the **Prize Distribution Ceremony**, began with immense excitement. The audience cheered as **Chief Guest**, Mr. Mohit Bhandari and the **Guest of Honor**, Prof. Sarita Tyagi, were invited on stage to felicitate the Achievements of students in sports.

The Awardees of the following level were awarded:

1. International Level

2. National Level
3. University Level
4. Senior National Level
5. State Level
6. District Level
7. Inter-Class Futsal Tournament
8. Inter-Class 7-a-side tennis ball Cricket Tournament

As a token of gratitude, **mementos were presented** to the Chief Guest and the Guest of Honor, expressing heartfelt thanks for their valuable presence and inspiring words.

The event concluded with a **Vote of Thanks**, delivered by Dr. Anek Goel, on behalf of the college. Sincere appreciation was extended to the Chief Guest, Guest of Honor, faculty, organizing committee, and all students for making the event a grand success. Special thanks were given to the volunteers and performers who ensured the smooth execution of the event.

Following the vote of thanks, a series of events were conducted for the students to participate.

The event included Badminton, Table Tennis, Tug of war, Relay Race, Three-legged race, Short Put, Discus Throw and 50m Dash. The winners were awarded with the medals by Dr. Anek Goel. The list of the winners is mentioned below:

THREE-LEGGED RACE

MEN

Position	Name	Course	Roll No
I	Arpit Shukla	B.Sc (H) Zoology	22HZL7111
	Mayank Verma	BSc (H) Zoology	22HZL7140

Position	Name	Course	Roll No
II	Himanshu Soni	B.Sc (H) Computer Science	23HCS4120
	Lalit Vaishnav	BA Program	23BAP9545

Position	Name	Course	Roll No
III	Aakash Kumar	B.Sc Mathematical Science	22MTS5701
	Ankush	BSc (H) Botany	2HBT6504

WOMEN

Position	Name	Course	Roll No
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I	Priyanka	B.Sc Physical Science with Chemistry	22PHS6123
	Taniya	B.Sc (H) Chemistry	22HCH8633

Position	Name	Course	Roll No
II	Menka	BA Program	22BAP9560
	Angel	BA Program	22BAP9451

Position	Name	Course	Roll No
III	Nidhi	B.Sc Physical Science with Chemistry	24PHS6123
	Mansi	BA Program	24BAP9436

50 METER DASH

MEN

Position	Name	Course	Roll No
I	Harpreet Singh	B.Sc (H) Zoology	22HZL7111
II	Surya	BA Program	24BAP9350
III	Ishaan	B.Sc (H) Mathematics	22HMT3124

WOMEN

Position	Name	Course	Roll No
I	Akansha	B.Sc Physical Science with Chemistry	22PHS6123
II	Antara	B.Sc (H) Physics	23HPH2613
III	Menka	BA Program	22BAP9560

STAFF

Position	Name	Department
I	Gulshan Kumar	Commerce
II	Pawan	ICT Centre
III	Vidhyasagar	Library

DISCUSS THROW

MEN

Position	Name	Course	Roll No
I	Surya	BA Program	24BAP9350

II	Akash	BA Program	24BAP9405
III	Kunal Nath	B.Com (H)	23COM1706

WOMEN

Position	Name	Course	Roll No
I	Antara	B.Sc (H) Physics	23HPH2613
II	Deeksha	B.Sc (H) Zoology	24HZL7119
III	Kriti	BMS	22BMS0371

STAFF

Position	Name	Department
I	Durga Prashad	Commerce
II	Vikram	Gardener
III	Gulshan Kumar	Commerce

SHOTPUT

MEN

Position	Name	Course	Roll No
I	Mayank	B.Com (H)	24BAP9350
II	Aditya Malik	BA Program	24BAP9405
III	Harpratap Singh	B.Sc (H) Chemistry	22HCH8613

WOMEN

Position	Name	Course	Roll No
I	Kriti	BMS	22BMS0371
II	Vani	BA Program	24BAP9559
III	Mansi	BA Program	24BAP9436

STAFF

Position	Name	Department
I	Vikram	Gardener
II	Naveen Kumar	Electronics
III	Pawan	ICT Centre

RELAY RACE

MEN

Position	Name	Course	Roll No
I	Vishal Sharma	B.Sc (H) Computer Science	22HCS4165
	Surya Gurjar	BA Program	24BAP9350
	Rehal Jaiswal	B.Sc (H) Electronics	24HEL2153
	Vivek Gurjar	BA Program	24BAP9354

Position	Name	Course	Roll No
II	Harpratap Singh	B.Sc (H) Chemistry	22HCH8613
	Vishesh	BA Program	22BAP9339
	Kunal nath	B.Com (H)	23COM1706
	Raunak Lakra	B.Com (H)	24COM1857

Position	Name	Course	Roll No
III	Arpit Shukla	B.Sc (H) Zoology	22HZL7111
	Mayank Verma	B.Sc (H) Zoology	23HZL7140
	Roushan Kumar	B.Sc (H) Physics	23HPH2662
	Subhungshar Narzary	B.Sc (H) Zoology	23HZL7147

WOMEN

Position	Name	Course	Roll No
I	Khyati Sharma	B.Com (H)	23COM1705
	Antara Negi	B.Sc (H) Physics	23HPH2613
	Satya Choudhary	B.Com(H)	23COM1899
	Latika	BA Program	23BAP9441

Position	Name	Course	Roll No
II	Anisha	BA Program	24BAP9504
	Neha Kumari	B.Sc (H) Computer Science	24HCS4151
	Karima	B.Sc (H) Physics	24PHS6114
	Nidhi	B.Sc (H) Physics	24PHS6123

Position	Name	Course	Roll No
III	Taniya	B.Sc (H) Chemistry	22HCH8633
	Kavya	B.Sc (H) Zoology	24HCL7128
	Nikita	B.Sc (H) Chemistry	23HCH8641
	Priyanka	B.Sc (H) Physics	22PHS6123

TABLE TENNIS

MEN

Position	Name	Course	Roll No
I	Harshit Sharma	BA Program	24BAP9515
II	Aditya Kasotia	B.Com (H)	24COM1507
III	Aayush Sapra	B.Sc (H) Computer Science	24HCS4206

WOMEN

Position	Name	Course	Roll No
I	Nida Khan	B.Sc (H) Zoology	23HZL7113
II	Nikita	B.Sc (H) Chemistry	23HCH8641
III	Manavi Sarkar	B.Sc Physical Science with Computer Science	23PCS5117

MIXED DOUBLE

Position	Name	Course	Roll No
I	Kartik Saini	B.Sc (H) Computer Science	22HCS4127
	Nida Khan	B.Sc (H) Zoology	23HZL7113
II	Harshit Sharma	BA Program	24BAP9515
	Manavi Sarkar	B.Sc Physical Science with Computer Science	23PCS5117
III	Sahil Grover	B.Sc (H) Mathematics	23HMT3145
	Shreya Jangra	B.Com (H)	23COM1868

BADMINTON**MEN SINGLES**

Position	Name	Course	Roll No
I	Lalit Vaishnav	BA Program	23BAP9545
II	Nitin Kumar	B.Sc Mathematical Science	23MTS5724
III	Ashutosh Kumar Yadav	B.Sc (H) Zoology	23HZL7106

MEN DOUBLES

Position	Name	Course	Roll No
I	Homish Yadav	BA (H) English	22ENG0647
	Lalit Vaishnav	BA Program	23BAP9545
II	Nitin Kumar	B.Sc Mathematical Science	23MTS5724
	Gaurav	B.Sc (H) Mathematics	22HMT3120
III	Ashutosh Kumar Yadav	B.Sc (H) Zoology	23HZL7106
	Anuj Kumar Saroj	BA Program	23BAP9408

WOMEN SINGLES

Position	Name	Course	Roll No
I	Pawani	B.Sc Mathematical Science	23MTS5725
II	Kavya	B.Sc (H) Zoology	24HZL7128
III	Nikita	B.Sc (H) Chemistry	23HCH8641

WOMEN DOUBLES

Position	Name	Course	Roll No
I	Pawani	B.Sc Mathematical Science	23MTS5725
	Antara	B.Sc (H) Physics	23HPH2613
II	Shreya Jangra	B.Com (H)	23COM1868
	Vandana kumari	B.Sc (H) Mathematics	22HMT3162
III	Nikita	B.Sc (H) Chemistry	23HCH8641
	Rishika Pandey	B.Sc (H) Chemistry	23HCH8624

MIXED DOUBLES

Position	Name	Course	Roll No
I	Lalit Vaishnav	BA Program	23BAP9545
	Pawani	B.Sc Mathematical Science	23MTS5725
II	Nitin Kumar	B.Sc Mathematical Science	23MTS5724
	Sedra	B.Sc (H) Computer Science	23HCS4182
III	Gaurav	B.Sc (H) Mathematics	22HMT3120
	Vandana kumari	B.Sc (H) Mathematics	22HMT3162

FOOTBALL

WINNERS

<u>POSITION</u>	<u>TEAM NAME</u>
1 st	B.Sc (H) Computer Science
2 nd	B.A. Programme
3 rd	B.Com (H)

S.No.	B.Sc (H) Computer Science 1 st place	B.A. Programme 2 nd place	B.Com (H) 3 rd place
1	Rishabh	Dhairya	Mayank
2	Trithankar Saikia	Anshul	Abhinav
3	Khalid	Vishesh	Muskan
4	Rishabh Gupta	Priyangshu Tiwari	Tanya
5	Abhijeet	Aditi	Kunal Nath

6	Yanjinkham	Menka	Badal Nagar
7	Kaily	Deepjyoti	Arman Dev
8	Apoorva	Gajender	Aryan Kalroopia
9	Bhumesh	Rapton	Annirudh Gupta
10	Sedra	Mansi	Krish Rai

SUBJECT SOCIETIES REPORT 2024-25

DEPARTMENT OF BOTANY

SUBJECT SOCIETY – KALPAVRIKSHA

23rd October 2025: The academic session of the society started with inauguration of the Departmental medicinal garden “**Dhanvantri Vatika**”. The introduction of council for the session 2024-2025 started with inaugural lecture by eminent researcher and academician **Prof. Shashi Bhushan Tripathi** on the topic “Development of nutritionally improved lines Indian Mustard using marker assisted backcrossing” followed by the felicitation of council members

October 2025: The society introduced novel initiatives like **Departmental wall magazine** and **Plant of the day** to enhance subjective knowledge about new plants and inculcate research aptitude among the Departmental students. Kalpavriksha continued its initiative of **Vrikshavani**, the Botany Department’s wall magazine, showcasing scientific insights, environmental issues, and recent botanical discoveries. Updated regularly, it features sections like ‘**Plant of the Week**,’ ‘**Scientist of the Week**,’ and research highlights, encouraging students to engage with the latest in plant sciences. With contributions from faculty and students, Vrikshavani serves as a dynamic platform for knowledge sharing and creative expression in Botany.

A **National Campaign on Ashwagandha- A health promoter** was organised, which was graced by Chief guest, **Ms. Kamaljeet Sehrawat**, Member of parliament. The event features interactive sessions by experts on the health benefits of Ashwagandha, along with a painting competition and plantation drive providing participants and students with valuable insights into Ayurveda and role of medicinal plants in promoting health.

A **departmental trip to Kasol** was organised for the students of Botany and Life Sciences to show the plant diversity in their natural habitat. Moreover the excursion also provided broad insights into Plant Ecology, Natural Interactions, Physiology and Environmental sensitization due to pollution, climate change and rampant urbanization. The students also had the opportunity to collect various plant, water and soil samples which they will be studying throughout the year through practical classes.

17th January 2025: An event titled “**The Vault of Botany**” was organized which comprised of multiple rounds of quizzes based on different themes like Subject based, Statistics based and Painting was organized in which almost 80% of the students participated.

27th – 28th February 2025: A **hands-on workshop on Molecular Biology, Ecology, Plant Tissue Culture, Palynology and Synthetic Seeds** was organized to teach undergraduate students about the techniques that are widely used in research and teaching curriculum all

across the world. The teachers demonstrated the use of molecular tools and techniques in plant genetics, molecular biology, synthetic seeds, soil enzyme analysis and plant tissue culture and the role of pollen in taxonomy, forensics, and climate studies. The hands-on sessions provided students with practical exposure to advanced research techniques, making it an insightful learning experience.

1st & 3rd March 2025: Delonix, the annual fest of Kalpavriksha was organized where several inter-college and intra-college level competitions were organised. On 1st March, **The Rolling Shield Debate competition** was held on the topic “**Genetic modification of crops is the only solution to ensuring food security in the face of climate change**” along with **The Ultimate Quizathon- a quiz competition**. On 3rd March, **Flourish- A Student’s symposium competition** was organised on the topic “**Current challenges faced by plants, their coping mechanisms and future actions for sustainability**” followed by “**The Biostat Pitch- Sink or Swim with data**” competition took place. Students actively participated in these competitions, showcasing their expertise and enthusiasm in the field of Botany.

19th – 20th March 2025: The Department also conducted and participated shoulder to shoulder in the two-day **International Conference on Innovations in Science and Technology** held at Deen Dayal Upadhyaya College. The Department successfully completed three different tracks based on different themes during the conference in which almost 300 registrations were received from 30 different Institutions across the country and outside the country in the form of undergraduate students, masters’ students, research scholars and teaching faculty. The proceedings of the conference took place in hybrid mode showcasing both online and offline participants presenting research-based conference papers, review paper, surveys, ideas, innovations and technologies and posters making it a grand success.

13th April 2025: Kalpavriksha also successfully hoisted the Departmental Alumni meet on 13 April 2025 to provide a platform and space where current students interacted with the alma matter of the department. Alumnus of the department shared their experience, learnings and challenges with the current batch, The current batch took a lot of learning from the meet in terms of the professions they can choose, scope, challenges and how to plan their upcoming journey making the event a grand success.

DEPARTMENT OF CHEMISTRY

SUBJECT SOCIETY – COVALENCE

18th July – 31st August 2024: Two-week DBT Summer Research Internship was conducted by Covalence, the Chemical Society of Chemistry, under the aegis of DBT Star College Scheme and Science Foundation, Deen Dayal Upadhyaya College. The aim of the internship program was to give the flavor of research to the budding generation so that they are motivated towards the pursual of higher studies in science. For this, both lecture sessions and hands-on training were planned and well-executed.

9th August 2024: Under the Flag of Covalence and with the esteemed patronage of DBT Star College Scheme and Science Foundation, a **Lecture Workshop** was conducted for interactions of students with their super senior pursuing Ph.D. from The University of Florida, United States of America. The event was entitled as ~ Pursuing Ph.D. in USA: Journey and Challenges.

29th August 2024: **Deekshararmbh, the Orientation Program** for Students of B.Sc. (H) Chemistry and B.Sc. (Physical science) with Chemistry was conducted to welcome them and make them comfortable in the DDUC family.

5th September 2024: **Lecture on “Decoding NEP- Provisions and Opportunities”** was delivered by the esteemed faculty of the department on the auspicious day celebrated as Teachers Day.

19th October 2024: As a part of the **Induction Program**, the **trip** to three significant sites in Delhi: **The War Memorial, Rashtrapati Bhavan Museum, and Talkatora Stadium** was organised. The students enthusiastically took part in this educational and enriching journey.

29th January 2025: The **election for the posts of office bearers** of the Covalence society was successfully coordinated by the faculty members abiding by all the rules. The result was presented on the same day.

29th January 2025: Under the niche of Covalence, the official **Freshers' Party- Euphoria'24**, of its department, with a blast of music, dance and full-on entertainment.

15th February 2025: A **hands-on Student-Driven Workshop** by Keshav Sharma, a 3rd year student of B. Sc. (H) Chemistry, on **“Reaction Scheme Making Skills”** was organized under the aegis of Covalence, DBT Star College Scheme and Science Foundation, Deen Dayal Upadhyaya College. The workshop, aimed at enhancing reaction scheme making skills through the world of ChemDraw software.

1st March 2025: The **Departmental festival- Rasayanotsava'25** was organized under which a spectrum of events - **Poster Making, Memistry, Radical Scavengers, Pictionary, Paper Presentation** and **Chem Quiz** - were organized to test both the creativity and knowledge of participants. Each event provided a unique platform for students to engage with chemistry in an interactive and fun-filled manner, reflecting the true essence of the subject.

3rd – 4th March 2025: A **two-day workshops** were organized by the department under the aegis of DBT Star College Program and Science Foundation on various topics such as: **Basic concepts of art of planning multistep synthesis: Preparation of azo dye from acetanilide via aniline, Purification of dye using column chromatography/ recrystallization and Structure of DNA and antisense therapy**. It provided participants with both theoretical knowledge and practical experience in the multistep synthesis. Through hands-on activities and collaborative discussions, students were able to deepen their understanding of the subject matter. Overall, the workshop equipped students with a wealth of experience that they can apply in future projects and endeavours.

19th – 20th March 2025: Department of Chemistry along with the other departments organized the **International Conference** under the aegis of DBT Star College Program and Science Foundation on **“Innovations in Science and Technology: A Perspective of Viksit Bharat@2047”**. The successful venture gave the platform to the students to listen to and interact with the great scientists.

DEPARTMENT OF COMMERCE

SUBJECT SOCIETY – COMMUNITY

15th March 2024: 9th AICC - Total seven technical sessions were held. The first technical session on the topic ‘Role of women in Vikasith Bharath’ The session was chaired by, **Prof. Vijitha S Aggarwal**, Professor, Guru Gobind Singh Indraprastha University. Technical Session-II highlighted the ‘Role of Youth in Vikasith Bharath’, chaired by **Prof. Arvind Kumar** from JNU. The third technical session on the topic ‘Role of Responsible Businesses in Viksit Bharat’. The session was chaired by, **Shubhrajyoti Bhowmik** (India)- UNICEF. The fourth technical session on the topic ‘Role of Industry 5.0 in Viksit Bharat’. The session was chaired by **Prof. A.K. Saini**, Dean, GGIPSU.

29th August 2024: Fresher’s Induction Program - Parichay, with meticulous arrangements that welcomed not just the students, but also their parents, who walked alongside them into this new chapter. Their presence added a certain grace and gravitas to the morning. It was heartening to see the parents, some quietly proud, others visibly emotional, witnessing firsthand the kind of space their children would now grow in - academically, socially, and personally. Just outside the library, a rangoli made of fresh flowers greeted them, blooming like a symbol of the vibrant journey ahead. Right outside the venue.

5th September 2024: On the auspicious occasion of **Guruvai Namah**, a day dedicated to honouring the profound wisdom and guidance of our teachers and mentors, the members of community felicitated **Professor C. P. Gupta**, a beacon of knowledge, compassion and leadership. His emphasis on conceptual clarity, adaptability, and critical thinking in accountancy and finance resonated deeply with the students and faculty. In the true spirit of Guruvai Namah, the students and teachers expressed their heartfelt gratitude to Dr. Gupta for his relentless pursuit of knowledge, his role as a beacon of light for his students, and his enduring legacy as an exemplary educator.

21st September 2024: DEEKSHARAMBH’ 2024, a formal **Student Induction Programme** for all the First Year Students was organised in the Auditorium of the College by the Academic Development Committee. The programme was divided in two sessions. All First Year Students of Science Courses attended the Orientation programme in the first half from 10.00 a.m. to 12.30 p.m. and all first-year students other than Science Courses i.e. B.A., B. Com (Hons), B.A. (H) & BMS attended in the second half from 2.00 p.m. onwards.

3rd October 2024: The Department hosted **"Spotlight"**, an event fully managed and performed by first-year commerce students. The day featured Rangoli, singing, poetry, calligraphy, dance, stand-up comedy, storytelling, and drumming. Student-designed posters added artistic flair.

The event was a fantastic icebreaker, fostering community and offering a glimpse into management. Faculty members joined and enjoyed the vibrant performances, expressing pride in the student's talents.

9th October 2024: The Department organised **one day educational trip to Akshardham Madir** under Deeksharambh, for the students of Sem. III and V, giving students a full day to explore one of Delhi's most iconic cultural and spiritual landmarks. A total of 139 students accompanied by 11 teachers visited the temple from the college by four buses. The intricate carvings and detailed architecture stood as a testament to India's rich heritage. The guided tour inside the temple offered a deeper insight into the life and teachings of Bhagwan Swaminarayan, giving the students a chance to reflect on the spiritual and historical significance of the site.

15th - 18th October 2024: The departmental society, '**Community's Outreach Programme (COP)** for the Academic Year 2024-25 took off with its flagship **Joy of Giving (JOG)** programme. It was preceded by a resource mobilization campaign where we ran 'donate a saari / suit fabric' for the women of our outreach partner 'Choti Si Khushi.' Professor Hem Chand Jain, principal, received a gratitude hamper from the outreach partner 'Choti Si Khushi. He hailed their efforts in empowering women, 'Matri Shakti' Women from Choti Si Shakti where our esteemed guests in whose honour society presented a cultural programme 'Roshni Ki Dhun' and hosted a luncheon.

6th – 7th January 2025: Annual International Commerce Conference titled '**Governance in Amrit Kaal**' Chief Guest **Col. Rajyavardhan Singh Rathore**, Guest of Honour **Prof Ajay Vinje** and **Prof Anil Kumar** and presided by **Prof. Balram Pani**. Major highlights of day 1 were Session 1: Corporate Social Responsibility Session 2: Governance of Corporates Session 3: Governance of Higher Education Institutions (HEIs) Session 4: Digital Governance. Major sessions of day 2 were Session 5: Online Technical Session 6A: Sustainable Businesses Session 6B: Sustainable Businesses Session 6C: Sustainable Businesses Session 7: Finance Session 8: Marketing Session 9: Organizational Behaviour/Human Resource Management. The conference was full of the energy and audience, 250 plus students attended.

31st January 2025: The Department organized an enriching **educational and cultural trip to the Akshardham Temple** in New Delhi for first-year Commerce students. The trip aimed to provide students with exposure to India's heritage, values, and architectural marvels while fostering companionship among peers. A total of 58 students and 10 faculty members participated in the event.

8th February 2025: One Day Hands on Workshop on Leveraging Advanced Excel for Business Statistics, The Advanced Excel Skills Workshop was conducted with the aim of equipping faculty and research scholars with essential Excel skills for data management, analysis, and visualization. The workshop was attended by faculty members and Research Scholars interested in enhancing their proficiency in Microsoft Excel. The workshop commenced with an inaugural speech by **Prof. C. P. Gupta**, who emphasized the importance of Excel in academic and professional fields. The session was divided into multiple interactive segments, ensuring participants had hands-on experience.

17th February 2025: The Department organized an **industrial visit** for Semester IV students. A total of 35 students participated. The visit was well-coordinated and managed by faculty members Dr. Renu Aggarwal, Dr. Sunil Kumar, and Dr. Vandana Gupta, who ensured smooth execution of the entire trip. Visit to **Apex Plastics Factory & Omaxe Mall** was a valuable learning experience, provided first-hand exposure to manufacturing operations, cost

estimation, and retail business environments. Such visits bridge the gap between academic knowledge and industry practices, preparing students for future career opportunities.

1st and 2nd March, 2025: ZUCITVA'25, The Commerce Society hosted "**ProdQuest**", a **National Case Study Competition** centred on Product Management. The competition tested participants' analytical skills, business acumen, and ability to think critically through a quiz, case study, and presentations. Participants from various teams engaged in a dynamic, intellectually stimulating event, competing for the title of the best Product Management team. Judges for the event were **Mr. Sandeep Goel**, Director Global Advisory CIC Leader, Kyndryl Consult and **Mrs. Sonali Jindal** Senior Product Manager, GoDaddy Formerly with Zomato. **FinecoXpert**, a thrilling finance and economics quiz, was one of the key events at Zucitva'25. **Sixty Spectrum** was a speaking competition where participants had 60 seconds to express their thoughts on topics including Digital India, NEP 2020, Budget 2025, and Unicorn Startups. **BizTechBola** was an electrifying twist on the classic game of Tambola, combining the world of business, branding, and corporate jingles. **Finverse** provided participants with an opportunity to dive deep into the world of finance, enhancing their critical thinking, problem-solving, and decision-making abilities. **VISION X** was an exciting event designed to bring out the entrepreneurial spirit in participants by challenging them to present innovative business models. **Brandobast** was an exciting branding competition that put participants' creativity, strategic thinking, and knowledge of brands to the test.

19th - 20th March 2025: Workshop on Securities Market and Financial Education, Speaker: **Rishi Kumar Garg**, SMART Trainer, SEBI. Total 56 students participated, The workshop commenced with a warm welcome to Mr. Rishi Kumar Garg, SMART Trainer from SEBI, by Dr. Renu Aggarwal (Convener) and Ms. Jyoti Gupta (Coordinator). The session aimed to provide students with a foundational understanding of personal finance and the securities market. The workshop objectives included fostering creative awareness of the personal finance framework and understanding the prerequisites for investing in the securities market. National Financial Literacy Quiz was conducted by the speaker to analyse the financial education of the students and the students received the certificates of participation for the same.

DEPARTMENT OF COMPUTER SCIENCE

SUBJECT SOCIETY – SANGANIK

29th August 2024: An Orientation Program – The First Step was organized which was a warm and informative introduction to college life, academics, and extracurriculars, ensuring freshers felt confident and connected from day one. The first event of the academic year, the orientation introduced first-year students to college life, academic expectations, and extracurricular opportunities. The session included a motivational talk by the principal, insights from faculty, and guidance from senior students, helping freshers feel at home. (*Convenor: Dr. Anuja Soni*)

19th September 2024: Cyber Security Awareness – Stay Safe Online event was organized during which **Mr. Kartik Atri**, Regional Head of the EC Council & **Dr. R. S. Mehra**, Director of ICSS delivered talks. This eye-opening session, featuring live hacking demonstrations, educated students on phishing, data protection, and digital security best practices. With cyber threats increasing, this program was designed to educate students on phishing scams, hacking

techniques, and online safety measures. Experts from the EC Council demonstrated live hacking attacks, showing how vulnerable personal data can be if not protected properly. The interactive Q&A session left students more aware and motivated to take cybersecurity seriously. *(Coordinators: Dr. Rajni Bala, Dr. Vinita Verma & Prof. Ram Pal Singh)*

27th September 2024: An Outreach at DIET (Coordinator: Mr. Mithilesh) – **Empowering Educators** was organized, empowering 90-100 future educators with **hands-on experience in Canva**. Our team shared their expertise, providing a comprehensive overview of this versatile design tool. Participants enthusiastically engaged, creating their own designs and praising the session's usefulness. We're proud to have made a lasting impact, promoting technical awareness and skill development among future educators. This initiative reflects our commitment to sharing knowledge and inspiring others.

8th October 2024: An Industry-Academia Talk – AI's Future was organized during which **Prof. Shikha Mehta**, Department of CSE/IT, IIIT and a renowned AI researcher with three patents and 26+ publications, shared her expertise with our students. With warmth and clarity, she bridged the gap between academia and industry, revealing AI's transformative impact on industries. Her insightful talk on AI trends, automation, and ethics sparked curiosity and ignited minds. Students gained a deeper understanding of machine learning and data science, while Prof. Mehta's passion inspired them to explore AI's vast possibilities and consider the human side of innovation. *(Convener: Dr. Anuja Soni, Dr. Sujata Khatri)*

19th October 2024: Chai, Code & Cinema – Tech Through Film was organized. A captivating screening of *The Imitation Game* sparked a thought-provoking discussion on Alan Turing's profound legacy. Our students delved into Turing's pioneering contributions to cryptography, computer science, and AI, exploring the human story behind the innovations. As they reflected on Turing's impact, they touched on pressing ethical concerns in tech, acknowledging the complex interplay between progress and responsibility. This unique fusion of cinema and conversation ignited curiosity, empathy, and a deeper appreciation for the intersection of technology, history, and humanity. *(Session Coordinator: Mr. Sanjeet Kumar)*

18th October 2024: Akshardham Trip – Culture & Connection was organized. A serene escape to Akshardham Temple brought our first-year students together, weaving bonds of friendship and shared wonder. As part of the Student Induction Programme, this enriching visit immersed them in breathtaking architecture, captivating exhibitions, and timeless spiritual teachings. Amidst the tranquillity, students discovered a sense of belonging, forged connections, and developed a deeper appreciation for India's rich cultural heritage. This unforgettable experience became a cherished memory, transcending academics and nurturing a sense of community. *(Convener: Dr. Anuja Soni)*

22nd October 2024: Drone Technology Workshop – Taking Flight was organized during which students explored drone mechanics, GPS navigation, and industry applications, with a live flying demonstration making the session even more thrilling. With drones becoming a game-changer in industries like agriculture, security, and filmmaking, this workshop was an

exciting introduction to drone mechanics, navigation, and industry applications. Students saw live demonstrations, learned about GPS modules and flight control, and even got a chance to interact with professionals from Farata Technologies. *(Session Coordinators: Dr. Rajni Bala, Prof. Ram Pal Singh & Mr. Sanjeet Kumar)*

24th October 2024: An Eminent Speaker Program – Beyond Technology was organized during which **Dr. R. Venkateswaran**, Professor of Practice at the Gokhale Institute of Politics and Economics, Pune sparked a thought-provoking conversation on AI, IoT, and 5G, challenging students to look beyond the code and consider the human impact. With passion and expertise, he urged them to think critically about the ethical and societal implications of emerging technologies. As students engaged with his ideas, they began to see themselves not just as tech professionals, but as guardians of a responsible and compassionate technological future. *(Session Coordinator: Dr. Rajni Bala, Prof. Ram Pal Singh & Mr. Sanjeet Kumar)*

29th January 2025: A Fresher's Party – A Grand Welcome was organized which was a vibrant evening of music, dance, and laughter that marked a warm welcome for our first-year students. As they took their first steps into the Computer Science family, we celebrated with a joyful extravaganza of talent shows, fun competitions, and heartfelt performances. The air was electric with energy and enthusiasm, forging unforgettable memories and sparking lifelong friendships. It was a truly special night, filled with the promise of new beginnings and exciting adventures to come. *(Convenor: Dr. Anuja Soni)*

7th February 2025: Clue Miners – Code & Conquer program was organized which included a two-round challenge that tested students in web exploration and competitive coding. The first round involved a Web Clue Hunt, where participants had to decode hidden clues on a custom-built website. The second round, hosted on HackerRank, was a high-speed coding contest that required problem-solving under extreme time constraints. The atmosphere was electric as students raced to solve problems before time ran out! *(Session Coordinator: Dr. Rajni Bala & Mr. Sanjeet Kumar)*

21st – 28th February 2025: HackArena Hackathon – AI in Action event was organized with a Judging Panel including **Dr. Harender Pratap Singh, Ms. Geetanjli Kher & Mr. Suyash Mehra**. The HackArena Hackathon was a game-changer, allowing students to explore Artificial Intelligence and NLP (Natural Language Processing) with real-world challenges. Participants worked on two fascinating problem statements:

- **Plant Species Identification App** – Using AI to identify native plant species and contribute to environmental sustainability.
- **Multilingual Sarcasm Detection** – A deep dive into computational linguistics, where students trained models to detect sarcasm in Hinglish text.

The hackathon had two intense rounds: an online submission phase followed by offline presentations to a panel of AI experts. Witnessing students passionately defend their solutions and discuss future improvements was truly inspiring. *(Session Coordinators: Dr. Rajni Bala & Mr. Sanjeet Kumar)*

27th – 28th February 2025: A LaTeX Workshop – The Art of Scientific Writing was organized during which the students mastered research documentation, mathematical typesetting, and resume design using LaTeX, a key tool for academia and industry. Writing research papers and reports is an essential skill, and this workshop provided hands-on training in LaTeX, a powerful tool for professional documentation. The sessions covered everything from structuring research papers to mathematical typesetting and bibliography management. The highlight was a resume design challenge, where students used LaTeX to craft professional resumes. (*Session Coordinators: Dr. Kirti Jain, Dr. Preeti, Dr. Rajni Bala & Mr. Sanjeet Kumar*)

1st March 2025: Tech Marathon ‘25 – The Ultimate Tech Fest was organized which delivered yet another electrifying Tech Marathon, overcoming challenges with sheer teamwork and dedication. With 1000+ participants, the event featured nine dynamic competitions, from coding battles and tech quizzes to debates and gaming showdowns. Despite a few initial delays, the organizing team’s relentless efforts ensured a smooth and engaging experience. Every organizing committee member played a crucial role in making it a memorable success. As the day ended with cheers and appreciation, Tech Marathon ‘25 proved that passion and perseverance always win. (*Convenor: Prof. Ram Pal Singh & Mr. Anil Kumar*)

28th March 2025: An Alumni Talk – Pathways to Success in the Software World was organized during which **Mr. Ankush Khanna**, Software Engineer, Google Bangalore and an alumnus from the B.Sc. (H) Computer Science batch of 2016-19, shared his journey from college to the professional world, offering invaluable career insights. He discussed industry trends, essential skills, and strategies for excelling in the software industry. His real-world experiences and practical advice resonated deeply with students, inspiring them to navigate their own career paths with confidence. (*Convenor: Dr. Anuja Soni & Dr. Sujata Khatri*)

With an unwavering commitment to excellence and inclusivity, SANGANIKA and the **DDUC ACM Student Chapter** continue to inspire, innovate, and empower the next generation of tech leaders.

DEPARTMENT OF ENGLISH

SUBJECT SOCIETY – ZEST

29th August 2024: An Orientation Session for the freshers was organized to provide an informative and engaging introduction to college life, academic opportunities, and resources available to the students. Following the introductory session, the teaching faculty was introduced to the new students and a question-and-answer round was also conducted. The highlight of the event was an inspiring speech by Prof. Hemchand Jain, the principal of Deen Dayal Upadhyaya College. Additionally, a series of fun activities and games were organized by the seniors and the freshers were invited to introduce themselves further, promoting a sense of community within the department.

5th September 2024: The **Teachers' Day Celebration** was organized where Zestians honored their teachers for their dedication and contribution to their education. Several engaging activities followed, conducted by different batches of students.

25th September 2024: *The Ode Fest* was conducted by the Literary Society of Indian Institute of India, Delhi in collaboration with ZEST. It had three events — **The Plot Thickens, Words' Worth and The Divine Intermission.**

15th October 2024: The Department hosted a memorable **Deeksharambh Excursion**, offering students a unique opportunity to explore two remarkable sites of cultural and historical significance: **Dr. B. R. Ambedkar National Memorial** and the **National Gallery of Modern Art (NGMA).**

14th February 2024: The **Year Beginning Party "Rapture"** for the new batch of first-year students was organized by the second- and third-year students of Zest. The event was a delightful and nostalgic journey back in time, with the theme **"A Gathering of Littérateurs".**

22nd March 2025: ZEST organized its **Annual Literary Fest, "Who's Afraid of Ides of March?"**. The fest was a day full of creativity, and exciting competitions, bringing together students who love literature and theatre. This year's edition featured three engaging competitions:

- **The Missing Link: A Word Game** – A stimulating linguistic challenge that tested participants' vocabulary and word association skills. Total number of participants was 38.
- **Drop the Script: An Extempore Competition** – A test of spontaneity and public speaking, where participants delivered impromptu speeches on diverse topics. Total number of participants was 37.
- **INKRedible: A Story Writing Competition** – A creative writing contest that encouraged students to craft compelling narratives within a limited timeframe. Total number of participants was 64.

Play Veronica's Room was performed in the auditorium. The exciting story and strong acting kept the audience hooked. The stage setup, lighting, and effects added to the experience, making it a performance to remember.

"Who's Afraid of Ides of March?" 2025 was a true celebration of literature and drama which provided a great platform for students to showcase their literary and creative talents.

13th April 2025: An **Alumni Meet** marking a memorable day of reconnecting and reflection was organized. The event witnessed the enthusiastic participation of former students from various batches, faculty members, and current students, creating a warm and nostalgic atmosphere. The distinguished alumni shared their personal and professional journeys post-college. Their heartfelt messages and experiences served as motivation for the current students, offering valuable insights into life beyond academics. A short video message featuring glimpses from past college events, classrooms, and testimonials was screened, evoking fond memories among the attendees. To commemorate the occasion, a memento was presented to each alumnus as a token of appreciation and remembrance.

SPECIAL LECTURE SERIES

28th – 29th October 2024: lecture by **Dr. Pramesh Ratnakar** (Retired Professor from Deen Dayal Upadhyaya College, University of Delhi), who delivered an in-depth analysis of Joseph Conrad's *Heart of Darkness*. Dr. Ratnakar focused on the novel's frame narrative technique, where the main story is conveyed through a series of flashbacks. He also explored the novel's critique of imperialism, emphasizing how Kurtz's descent into madness symbolizes the moral corruption of colonialism. He discussed the Belgian Congo, one of the most notorious European colonies in Africa due to the Belgian colonizers' immense greed and brutal treatment of the native people.

11th November 2024: Guest lecture on **"Visual Pleasure and Narrative Cinema"** by the esteemed speaker Dr. Mithuraaj Dhushiya (Associate Professor in the Department of English at Hansraj College, University of Delhi).

18th November 2024: A guest lecture entitled **"David Hume's - Of the Standard of Taste"** was delivered by the esteemed speaker **Dr. Madhvi Zutshi** (Associate professor in the Department of English at SGTB Khalsa College, University of Delhi). Dr. Madhvi provided a detailed explanation of Hume's balance between the subjective nature of personal taste and the objective standards upheld by experienced critics. She skilfully connected Hume's theories to contemporary art and literature, illustrating their enduring impact on aesthetic evaluation.

19th November 2024: Guest lecture on **"Victorian Literature"** by the esteemed speaker **Dr. Shyista Aamir Khan** (Associate professor in the Department of English at Dyal Singh College, University of Delhi). She emphasized the enduring relevance of Victorian literature in understanding societal transformations and individual struggles in a modern context. Her critical analysis of texts like *Great Expectations* and *Middlemarch* highlighted the depth of character development and social critique in these works. The session concluded with an interactive Q&A segment, where students engaged with Dr. Shyista on topics like the evolution of literary styles and their connection to contemporary issues.

20th November 2024: A guest lecture was conducted via online mode on **"Twentieth Century - Literary Criticism"**. **Dr. N.A. Jacob** who teaches English at Ramjas College, University of Delhi talked about the idea of paradox and what is poetry, how poetry works through the paradox view of the world and how paradox is the soul and heart of poetry. His thoughts made a mark on the students.

20th November 2024: A guest lecture was delivered by esteemed speaker **Dr. Anshuman Singh**. Dr. Singh started the session by providing an overview of the 20th century, discussing its socio-political and cultural contexts and their influence on literature. Dr. Singh then connected these themes to the texts in the syllabus, including *Mrs. Dalloway* by Virginia Woolf, *Sons and Lovers* by D.H. Lawrence, and *Heart of Darkness* by Joseph Conrad.

25th November 2024: A special lecture on **"Dalit Writings"** was conducted by **Dr. Mangalam**, an Associate Professor in the Department of English at Aryabhatta College, University of Delhi. The lecture delved into the thematic aspects of Dalit writings, emphasizing the representation of women in Dalit literature. Dr. Mangalam highlighted the struggles, resilience, and agency of Dalit women as portrayed in these works, bringing forth examples from prominent authors and poets.

4th April 2025: A guest lecture on the **"Women Writings"** by **Prof. Ratna Raman** from Sri Venkateswara College, University of Delhi was organized. Prof. Raman offered critical

perspectives on the paper, focusing on key texts, themes, and the socio-cultural context of women's literature. Her lecture was intellectually enriching and proved highly beneficial for both academic understanding and exam-oriented preparation.

8th April 2025: A guest lecture entitled “**World Literatures**” was delivered by the esteemed speaker **Dr. Madhumita Chakravarty** (Professor in the Department of English, Zakir Hussain Delhi college (evening)).

11th April 2025: A **Special Lecture** by **Professor Someshwar Sati** from Kirori Mal College, University of Delhi was organized who conducted an enriching lecture on “**Literature and Disability**”. The lecture included engaging and thought-provoking discussions through the medium of storytelling. He discussed the inclusion of this area within the academic curriculum. He emphasized the urgent need to re-examine dominant literary canons through the lens of disability, not as a marginal issue, but as a central human experience that literature has long overlooked or stereotyped. He also discussed various models of disability, further prompting students to interrogate how narratives construct and challenge notions of normalcy.

DEPARTMENT OF ELECTRONICS

SUBJECT SOCIETY – SILIZIUM

13th September 2024: An **Industrial Visit to Semicon India 2024**, Noida, Uttar Pradesh was organized. This event served as a premier gathering of semiconductor industry leaders, researchers, and professionals, offering a valuable platform for the students to explore the latest advancements in semiconductor technology, innovation, and manufacturing. The visit was designed to bridge the gap between theoretical knowledge and real-world applications in the field of semiconductors, providing students with first-hand exposure to cutting-edge technologies, advancements and breakthroughs in the semiconductor industry and industry trends. The 'SEMICON INDIA 2024' is being organized by India Semiconductor Mission in partnership with SEMI and industry associations under the visionary leadership of Hon'ble Prime Minister Shri Narendra Modi with the aim to positioning India as a trusted partner in the global Semiconductor Supply Chain to drive forward the vision of the India Semiconductor Mission.

18th December, 2024: Invited Talk by the following were organized with an aim to introduce participants to the fundamentals of Artificial Intelligence (AI) and its real-world applications.

- **Mr. Ravi Payal, Scientist E, CDAC (Introduction to AI)**
- **Dr. Saruti Gupta, Project Engineer, CDAC (Trends in AI)**

The event kicked off with an introductory lecture, providing an overview of AI, including key concepts such as machine learning, deep learning, and neural networks—critical components in the development of intelligent systems. The significance of the Turing Test was also highlighted, exploring its role in evaluating a machine's ability to mimic human-like intelligence. A major focus of the workshop was on Natural Language Processing (NLP), a subfield of AI that enables computers to understand and generate human language. Topics like

speech recognition, language generation, and sentiment analysis were covered, emphasizing how NLP is transforming industries by bridging the gap between humans and machines. The event concluded with an engaging Q&A session.

29th January 2025: Departmental **Freshers' event** was organized to welcome the new students with enthusiasm and warmth. The event was filled with engaging activities, interactive sessions, and captivating performances. Mr. Gautam and Miss. Chandni were the finalist for Mr. and Miss. Freshers of the event.

30th January 2025: Alumni Lecture Series – IC2025_1 (Interact and Connect 2025_1) was organized in which a talk was delivered by **Ashutosh Mishra**, Doctoral Researcher (MEXT Scholar), Space Robotics Laboratory, Tohoku University, Japan on the topic “Bridging the Gap: Insights from your Senior”

22nd March 2025: The Annual departmental fest, **URJASVA'25** was organized which aimed to showcase technological innovation, foster creativity, and promote practical learning among students.

04th – 05th April 2025: The Second International Conference on Advances in IoT Security with AI (ICAISA 2025) was scheduled in the college campus from April 4-5, 2025. This conference was organised in collaboration with CQ University Sydney Campus, Australia, University of KwaZulu Natal, Durban South Africa, IIIT Bhopal, NIT Arunachal Pradesh. This is second in the series of this conference.

There were thirteen technical sessions scheduled in six different tracks which are most suitable for present-day ICT industry. Inaugural session was scheduled on 4th April. Chief Guest was Dr Subi Chaturvedi, Senior Vice President of the Unicorn InMobi India who has a long experience of policy framework development in AI and ICT project management. Guests of honour were Prof Meena Jha from Central Queensland University Sydney and Prof Upasana Singh from University of KwaZulu Natal Durban South Africa. The session was presided by Prof Ashutosh Singh, Director IIIT Bhopal. Dr Deepak Gupta from MNIIT, Prayagraj was also present as Conference Co-Chair.

In this conference, we received about 300 manuscripts out of which 80 papers to be published in two edited volumes of Lecture Notes in Networks and Systems proceedings series by Springer Switzerland. This conference is a scheduled SCOPUS indexed conference.

Thirteen technical sessions were scheduled for paper presentation. Both physical and virtual mode presentation were carried out. All technical sessions were preceded by an Invited talk by either an accomplished academician or a Industry representative.

The Valedictory session was scheduled on 5th April. Mr. Sumeet N Mehta, noted Chartered Accountant and Consultant from Mumbai was Chief Guest and Speaker in this session. The session was presided by Prof Balram Pani, Dean of Colleges, University of Delhi. Principal Prof Hem Chand Jain was present as Guest of Honor.

The two days conference was organised by Conference Chair Prof Anurag Mishra.

DEPARTMENT OF HUMANITIES

SUBJECT SOCIETY – ABHIVYAKTI

17th September 2024: अभि व्यक्ति सामाजिक विज्ञान और मानवि की विभाग द्वारा **हिंदी दिवस सेमिनार** का आयोजन किया गया। इस कार्यक्रम में **डॉ. सुरेश ऋतुपर्ण**, जो शिक्षाविद, साहित्यविद् एवं के.के. बिरला फाउंडेशन के निदेशक हैं, को मुख्य वक्ता के रूप में आमंत्रित किया गया। सेमिनार का मुख्य विषय था **"वैश्विकपरिदृश्य में हिंदी"**। सेमिनार की शुरुआत प्रधानाचार्य के स्वागत भाषण से हुई, जिसमें उन्होंने छात्रों को इस आयोजन के महत्व से अवगत कराया। इसके बाद, इतिहास विभाग के प्रोफेसर डॉ. भारद्वाज राधा माधव ने मंच संभाला और छात्रों को अपनी मातृभाषा हिंदी के प्रति गर्व और उत्साह से भर दिया।

28th September 2024: The **Freshers' Orientation Program** was organized for the newly admitted students of the 2024-2028 batch. The session aimed to introduce the students to the college environment, faculty members, and academic journey ahead. Following the Principal's address, senior students from the 2nd and 3rd years introduced themselves and provided insights into the college culture, academic structure, and extracurricular opportunities. They encouraged the freshers to actively participate in various societies and make the most of their time at DDUC. During the session, Dr. R.M. Bhardwaj shared his experiences, teaching philosophy, and personal anecdotes, offering valuable guidance to the students. The orientation session concluded with an interactive session, where first-year students shared their thoughts and experiences. Some freshers recited poems, sang songs, and participated in light-hearted fun activities, adding an element of enjoyment to the session.

5th September 2024: Celebrated **Teachers' Day** to honour the dedication and contributions of the faculty members. The event was a heartfelt tribute to the teachers who play an invaluable role in shaping students' lives. The celebration commenced with a warm welcome for all the esteemed faculty members of the department. The students expressed their gratitude through kind words and gestures, setting a tone of respect and appreciation for the day. Ms. Sangita Kumar, the Teacher-in-Charge of the department, shared her experience of being a teacher and the responsibilities that come with leading the department. Dr. R.M. Bhardwaj reflected on the importance of teachers or "Gurus" in a student's life. He highlighted the transformative impact a teacher can have on a learner's journey, reinforcing the timeless values of mentorship and guidance.

3rd October 2024: **One-day Visit to Pradhanmantri Sangrahalaya, War Memorial & India Gate** was organised for the first-year B.A. Programme students. The primary objective of the trip was to provide students with an engaging experience beyond the classroom by allowing them to explore India's political legacy and pay tribute to the nation's brave soldiers. The generous initiative by the college to sponsor the entire trip ensured every student could participate. It served not just as a field visit but as an emotional and educational journey.

18th January 2025: **One-day Educational trip to Akshardham Temple, New Delhi** was organized. This trip aimed to offer students cultural enlightenment and an immersive

experience of India's rich heritage. The students first explored the cultural exhibitions, which showcased India's ancient traditions and inspiring stories through an interactive format. The day concluded with the spectacular musical fountain show, "Sahaj Anand," which illustrated profound spiritual themes through an awe-inspiring combination of water, light, and sound.

29th January 2025: Umang '25; Freshers Party was hosted in the college auditorium. The event was a grand and joyous occasion, filled with enthusiasm, artistic performances, and a warm welcome for the Batch of 2024-2028. The Principal of DDUC, Dr. Hem Chand Jain, addressed the gathering, extending his warmest welcome to the freshers. In his speech, he emphasized the importance of embracing college life with enthusiasm, dedication, and active participation in both academics and extracurricular activities. He encouraged the freshers to explore new opportunities, build meaningful friendships, and uphold the legacy of the college with pride.

12th February 2025: Seminar on “India's Foreign Policy in a Changing World Order”, a thought-provoking guest lecture was organised. The session aimed to broaden students' understanding of India's strategic position in the global arena and the ever evolving dynamics of international relations. The guest lecture was delivered by **Prof. Shantesh Kumar Singh**, former Director of the Human Rights Studies Programme, School of International Studies, Jawaharlal Nehru University (JNU). The event concluded with a heartfelt vote of thanks delivered by Dr. R. M. Bhardwaj, Professor of History, who expressed gratitude to Prof. Singh for his enriching session and applauded the efforts of the organising team for curating such an insightful academic experience.

12th February 2025: Screening of the critically acclaimed **Film Article 15** was held. The screening aimed to provide students with a thought-provoking cinematic experience, encouraging them to engage with crucial social issues depicted in the film. The event witnessed an enthusiastic turnout of students, all eager to delve into the thought-provoking themes of the movie. Article 15, directed by Anubhav Sinha, is a powerful film inspired by real-life incidents.

3rd – 4th March 2025: 4th International Conference on the **Prayaga Mahakumbha 2025** was organized. This distinguished two-day international conference titled “Prayaga Mahakumbha 2025 & Other Religious Festivals in India: Historicity, Governance, Commerce & Aspects.” Prof. Radha Madhav Bharadwaj, the conference convener, commenced the academic discussions by eloquently introducing the conference theme, which aimed to shed light on the historical, cultural, and socio-political significance of major religious festivals in India, with a primary focus on the Mahakumbh. The Chief Guest, **Prof. Kedar Prasad Shastri**, provided a deep philosophical reflection on the Mahakumbh, emphasizing its timeless relevance to Indian spirituality and social order. Special Guest **Prof. Amarjiva Lochan** and Keynote Speaker **Prof. Vijaya Laxmi Singh** shared their reflections on the historical and sociocultural continuity of religious festivals in India, underscoring their role in shaping national identity and cultural heritage. The hybrid sessions enabled international scholars from Europe, the U.S., and Southeast Asia to engage in a dynamic exchange of ideas. These sessions addressed the global appeal of the Mahakumbh, with papers exploring its reflections in foreign

religious practices and comparative models of largescale religious gatherings across various faith traditions.

19th March 2025: Seminar titled “**Making Strategies Real: Influencing Stakeholders to Drive Decisions**” was organized. The event commenced with a warm welcome presented by the student anchors, who gracefully introduced the seminar by greeting the attendees, including faculty members, dignitary scholars, and the esteemed guest speaker, **Ms. Ekshita Kumar** – currently serving as the Head of Strategy for AWS North America Sales at Amazon. The welcoming remarks set an enthusiastic tone for the session, emphasizing the significance of such seminars in bridging the gap between academic learning and professional application.

1st – 4th and 7th April 2025: Cloth Donation Drive was organized as a heartfelt initiative to extend care and kindness towards the elderly. The drive aimed to encourage students to contribute gently used clothes and shoes for those in need. The donation box was placed right in front of Room No. 512, and it was truly heart-warming to see students from all courses and years actively participating. From warm sweaters and daily wear to comfortable footwear, students came forward with generosity and compassion. The response to the drive was overwhelming, with bags full of clean, usable clothes collected over the four-day period. This initiative successfully met its goal of not only providing material support but also creating an environment of care and respect for our senior citizens.

9th April 2025: Alumni Lecture was conducted with a Welcome Address by Prof. R. M. Bhardwaj Sir, who shared heartfelt remarks about the significance of alumni engagements in creating academic continuity and mentorship. He also appreciated the initiative of Abhivyakti for providing such platforms that bridge the past and present of the department. This was followed by a felicitation ceremony, where **Mr. Goyal** was presented with a token of appreciation by Prof. R. M. Bhardwaj Sir and Ms. Sangita Ma'am, the department coordinator. The room resounded with applause as the guest took the stage for his talk. In his lecture titled “History Beyond Textbooks: Bridging Knowledge and Practice”, Mr. Goyal reflected on his journey as a student, shared anecdotes from his college days, and provided valuable advice on career planning, civil services preparation, and pursuing higher education.

DEPARTMENT OF MANAGEMENT STUDIES

SUBJECT SOCIETY – SPETTRO

(Convenor, Spettro: Dr. Sangeeta Mohan)

29th August 2024: Spettro conducted the **Orientation 2024** for the BMS batch of 2028/29 who had just entered college. The purpose was to make the new batch of students familiar with their course structure, various societies of the college, events and projects of the department and our established alumni base.

5th September 2024: Teacher's Day was joyously celebrated on the 5th of September to express gratitude and appreciation for the tireless efforts and invaluable guidance of our esteemed faculty. The celebration included a series of engaging activities, such as inspiring speeches,

captivating dance performances, poetries and the presentation of mementos to our esteemed teachers. The event provided a platform for the incoming batch of freshmen to showcase their talents and demonstrate their profound respect for their mentors.

20th September 2024: The Department hosted a **Webinar on Financial Markets**. The esteemed guest speaker, **Mr. Saptarshi Pandey**, CEO & Founder of Investeem India, an accomplished finance expert and former banker, shared his valuable insights into the fundamentals of the stock market.

During the webinar, Mr. Pandey provided a comprehensive overview of stock market tools and technologies, while also discussing the promising future prospects within this dynamic field. He expertly demonstrated equity research and analysis techniques, offering practical guidance on how to embark on a successful stock market journey and make informed investment decisions. The session proved to be highly informative, providing participants with a deeper understanding of the intricacies of the financial stock markets.

13th November 2024: The department organised a **Field Visit to the Central Electricity Regulatory Commission at the World Trade Centre**. This esteemed regulatory body oversees interstate electricity transmission and plays a pivotal role in formulating the nation's electricity policy. The visit was accompanied by 30 members from 3rd and 5th semester of BMS department. The students got a chance to interact with chairman of the CERC, Mr. Jishnu Barua, who shared his insights drawn from his background in public administration and experiences from his dedicated service. The visit afforded us to explore the CERC's office and witness the commission's commitment to paperless operations. The experience has broadened the horizons for the students and ignited their passion for contributing to the energy landscape.

29th January 2025: The official **Freshers' Party – CELESTIA'24** for the 2028/29 batch, organized by Spettro, was a resounding success. The event was packed with fun games, lively dance, and captivating musical renditions. Freshers displayed their diverse talents, competing for the coveted titles of Mr./Ms. Fresher, Mr./Ms. Well-dressed, and Mr./Ms. Versatile. The event also facilitated valuable interaction between freshers and their seniors.

ENTREPRENEURSHIP DEVELOPMENT CELL (EDC) CELL ACTIVITIES

(Convenor, EDC: Dr. Rakesh Kumar)

21st October 2024: The formal **Orientation of EDC** took place on 21 October 2024 which saw participation and registration in large numbers from students of various courses and departments like B.M.S, B.com Hons. B.A Program etc. Students from the first and second years were in attendance and were keen to know more about the ideologies and projects of the EDC. **Dr Saarthak Bakshi**, Founder and CEO of Neos Angels and Risaa IVF graced the occasion with his presence and talked to the students about the start-up world and market strategies. This was followed by a couple of interesting games involving Company logos and tagline quizzes by which the winners secured direct entries to the personal interview round of the recruitment process.

7th November 2024: EDC organized a special **Transformative Session with ITM Trust** to fuel ideas into impactful ventures and instil the spirit of creating start-ups in the young minds of our audience. **Mr. Ishank Aanchal**, PhD, MBA, and B.Tech, brought his extensive knowledge and experience in trading, finance, and entrepreneurship. Students eagerly participated and the session ended up being an informative and fun experience.

9th November 2024: The **Ice Breaking & Bonding Session** of EDC took place on the afternoon of 9 November 2024 in Connaught Place which saw participation from most of the Junior Associates of EDC along with the council members. The session was indeed a fun and enriching one where various games and activities were conducted and all the attendees opened up and bonded with each other.

27th January 2025: EDC organized an engaging and interactive **Brainstorming Session** aimed at fostering entrepreneurial thinking among students. As part of the session, a simulated “Corpus Auction” competition was conducted, providing participants with hands-on experience in strategic bidding, resource allocation, and financial decision-making. The activity was designed to familiarize students with the core concepts of a Corpus Auction, allowing them to understand the dynamics of investment, risk assessment, and competitive negotiation in a controlled environment. Through this simulation, students gained practical insights into entrepreneurial finance while sharpening their analytical and decision-making skills.

1st – 2nd February 2025: Students under EDC visited the **IIT Bombay Campus** to participate and attend the **E-Summit 2025** which saw large-scale participation from universities and colleges around the nation. Real-world giants like Anupam Mittal, Raj Shamani, Sonam Wangchuk, etc. graced the summit as speakers and guests which enhanced the atmosphere. EDC associates participated in various competitions organized there and it turned out to be an enriching and educational experience for all.

12th April 2025: **E-Summit 2025** was organized. The event proved to be a resounding success, bringing together aspiring entrepreneurs, seasoned business leaders, and students from various backgrounds for an inspiring day of learning, networking, and collaboration. The summit commenced with an engaging Speaker Session, featuring an esteemed line-up of guest speakers:

- **Dr. Sanjeen Sawhney** — A visionary entrepreneur and philanthropist, Dr. Sawhney is redefining the automobile industry as the Managing Director of ANB Auto India Pvt. Ltd.
- **Mr. Gaurav Ghai** — A multifaceted professional, Mr. Ghai has made significant contributions in technology, career coaching, and public speaking. He currently serves as a Senior Software Developer (SDE-3) at Quantiphi.

- **Ms. Aanchal Saini** — The CEO of Flyrobe, India's leading fashion rental platform. Ms. Saini transitioned from a successful legal career at the Delhi High Court to making waves in the fashion-tech industry.
- **Mr. Anuj Nevatia** — The Co-founder of Bacca Bucci, a popular Indian D2C footwear and fashion brand known for its street-style sneakers and apparel.

The speakers shared inspiring stories and deep insights from their respective fields, offering students valuable lessons on entrepreneurship, perseverance, and innovation. Their experiences and guidance sparked enthusiasm and motivation among the audience, encouraging them to think beyond conventional boundaries.

E-Summit 2025 also hosted two signature events:

- **Blueprint** — A dynamic **Case Competition** designed to challenge participants' problem-solving, critical thinking, and business strategy skills. Teams analyzed real-world scenarios and presented innovative solutions under timed conditions.
- **Fin-Terprize** — An **Interactive Auction-Based Event** that blended financial strategy and entrepreneurial instinct. Participants engaged in competitive bidding, testing their analytical thinking and risk management in a real-time simulation.

Overall, E-Summit 2025 stood out as a perfect blend of knowledge-sharing, practical learning, and entertainment — truly leaving a lasting impact on every attendee and reinforcing the entrepreneurial spirit within the student community.

180 DEGREES CONSULTING DDUC

(Convenor, 180DC: Ms. Sangeeta Mohan)

14th September 2024: The **Global Leadership Team (GLT)** hosted the **180DC Delhi Summit** at Hansraj College, bringing together branches from across Delhi and GLT members from around the world. The summit was an intellectually stimulating experience filled with engaging workshops and interactive sessions that fostered collaboration, idea exchange, and **networking** among consultants. Representing the DDUC branch, our **President** and **Vice President** showcased a brief document outlining our key initiatives and one of our most impactful projects, highlighting our branch's commitment to **social impact** and **strategic growth**. The summit served as a valuable opportunity to connect with the broader 180DC network and gain insights into the organization's evolving **global vision**.

10th October 2024: 180DC DDUC conducted its **orientation session**, welcoming students from BMS, B. Com, and other courses to the world of **management consulting**. The session introduced attendees to our core team, explained the fundamentals of consulting, and provided an overview of 180DC's **global presence** and the DDUC branch's journey. We shared our **impact metrics**—highlighting the number of clients served, consulting hours delivered, and lives impacted. Attendees were also introduced to our upcoming **training sessions**, the structure and expectations around **research reports**, and our two flagship initiatives: **Just In Case (JIC)**, our global case competition, and **In-House Consulting Championship (ICC)**, our internal development program. The session concluded with an inspiring look at our council members' **national achievements**, followed by a walk-through of the recruitment process and an **interactive Q&A**.

14th November 2024: Following the orientation, 180DC DDUC conducted its **rigorous and highly selective recruitment process**, designed to identify individuals with strong analytical skills, business acumen, and a drive for social impact. After welcoming the selected consultants into the team, we held our official induction and ice-breaking session on November 14th, 2024. The session provided a space to connect with the newly inducted members on a personal level, laying the foundation for a collaborative and cohesive team culture. We also outlined the roadmap for the coming months, introducing them to the journey ahead at 180DC and aligning everyone with the branch's vision and goals.

23rd November 2024: We kickstarted our training calendar with a comprehensive session on **Consulting Frameworks**, conducted by our **Consulting Director**. This intellectually stimulating session introduced junior consultants to a wide range of essential frameworks, forming the bedrock of consulting analysis. With real-world applications spanning case competitions, live projects, and strategic problem-solving, the session offered deep insights into how these models guide effective decision-making and client solutions. It proved to be a highly enriching experience, equipping our new consultants with the conceptual clarity and practical knowledge crucial for their journey ahead at 180DC.

27th November 2024: We conducted a training session on **Case Competitions**, aimed at preparing junior consultants for success in high-pressure, real-world business scenarios. The session covered key elements such as approaching cases, structuring solutions, using guesstimates, and understanding competition hierarchies. Participants also analysed a past winning deck from our branch to grasp the practical application of strategies. The session highlighted how case competitions help sharpen analytical thinking and business acumen making it an insightful and skill-building experience for all attendees.

30th November 2024: We conducted an in-depth training session on **Deck Making**, led by our Marketing Director. This technically rich session focused on equipping junior consultants with the skills to craft compelling and structured decks for competitions, clients, and projects. From slide flow and formatting to the relevance of each design element, the session explored every detail of effective presentation-making. Real case studies were deconstructed to provide hands-on learning, and useful resources for design inspiration were shared. It was a highly enriching experience that sharpened both the aesthetic and strategic aspects of communication through slides.

4th December to 4th January 2025: Our junior consultants took on their first practical challenge—creating **Research Reports** and **Industry Snapshots**. Working in teams, they explored unique **industry topics**, conducted **deep-dive research**, and produced one detailed report (for LinkedIn) and one visual snapshot (for Instagram). This initiative honed their research, analytical, and presentation skills while introducing them to real-world consulting rigor. Crafted on PowerPoint and Canva, the outputs reflected their ability to think critically, communicate visually, and understand dynamic business landscapes.

25th January 2025: To strengthen our consultants' **client-facing skills**, we conducted a dedicated session on **Client Acquisition**, led by our Client Director. The session focused on the end-to-end process of onboarding clients—right from identifying the right kind of clients to

approaching them with effective pitches. It covered best practices for communicating 180DC DDUC's value proposition, handling client interactions, managing expectations, and ensuring strong post-engagement feedback. This session played a crucial role in preparing our consultants to take ownership of client relationships and drive impactful partnerships.

6th February 2025: We conducted a session on *Presentation Skills*, led by the President of the branch. The session focused on how to effectively present decks to **judges or clients**—emphasizing structure, clarity, delivery style, and key techniques to communicate ideas with impact. It also covered elements like body language, public speaking, and handling questions with confidence. The session concluded with a mock presentation by the junior consultants, giving them a chance to apply their learnings in a realistic setting.

7th February to 15th March 2025: Our junior consultants were given their first taste of real-world consulting through two live *social impact projects* previously tapped by our team. Divided into two teams and guided by designated **project heads**, the juniors took complete ownership of their respective projects—understanding problem statements and delivering strategic solutions. This initiative marked their first step into practical consulting, offering valuable exposure to project management, teamwork, and indirect client communication in a structured, impact-driven setting.

24th February to 19th March 2025: The *In-House Consulting Championship (ICC)* served as a rigorous internal platform to test and refine the consulting skills of our junior consultants. Spanning two rounds, the first challenged teams to solve a real-world case on the *EV logistics industry*, judged by a seasoned consultant from EY. The second round simulated a client acquisition scenario where teams pitched branch services to potential clients. Impressively, our junior consultants successfully converted **five clients**, all of which are now active projects being led by them. ICC offered a powerful blend of strategic thinking, client engagement, and real-time application—solidifying it as a key learning milestone in their journey.

18th April to 27th April: Just In Case (JIC), is the **annual global flagship** case competition organized by 180DC DDUC and stands as a testament to our branch's vision of fostering strategic thinking on a **global scale**. Last year, we witnessed participation from over **2,500 teams** representing institutions like **IITs, IIMs, ISB, HEC Paris, UNSW, USYD**, and more. We hosted the **third biggest** competition hosted by any Indian 180DC branch. This year, we look forward to making it even bigger. JIC consistently attracts participation from premier institutions across India and beyond. The competition comprises of multiple rounds, each designed to simulate real-world consulting challenges, and are judged by esteemed professionals from top consulting firms, including the **MBB**. With past winners hailing from institutions like **IIM Ahmedabad, UNSW, and ISB**, JIC has firmly established itself as a launchpad for the next generation of consultants. Its continued success reflects our commitment to excellence, collaboration, and **global impact**.

TRAINING AND CAREER CELL

1st December 2024: The **Resume Building Workshop** was organized by the Training and Career Cell on 1st December 2024 which was an insightful session aimed at helping BMS

students craft compelling resumes. The workshop covered essential resume-writing techniques, formatting tips, and strategies to highlight skills effectively. It was an engaging and informative session, equipping students with the knowledge to create professional resumes that stand out to recruiters.

SOCIAL RESPONSIBILITY CELL (SRC)

(Convenor, SRC: Ms. Deepa Kamra)

22nd September 2024: SRC started its 2024-25 session with a **field visit to an Orphanage: Prerna Niketan Sangh**. This visit was organised on 22nd September 2024. The event was marked by enthusiasm and our team, along with first-year volunteers, participated in various interactive activities with the students of Prerna Niketan Sangh. A significant highlight of the visit was the distribution of gifts including a variety of items, including stationery, chocolates, sweets, and other goodies. The visit to Prerna Niketan Sangh was a remarkable step in familiarizing first-year students with the core values of SRC. Such initiatives reinforce our commitment to creating a positive impact and nurturing a culture of social responsibility among students.

30th September 2024: An Orientation'24 Program was hosted to acquaint first-year students with the mission and activities of SRC. The event included an insightful presentation detailing SRC's journey, past initiatives, and collaborations with the NGOs. The event witnessed the participation of over 150 students who were introduced to the society's flagship projects and campaigns, showcasing its contributions to the community. One of the highlights of this session was the speakers from Prerna Niketan Sangh, **Ms. Sudesh Rani**, and **Mr. Kishan Batt**; founders of the NGO shared their journey with the NGO and experience of SRC's field visit. The program concluded with an open forum, where first-year students were encouraged to ask questions and share their ideas.

23rd November 2024: SRC organized the **Jute Bori Drive** in collaboration with Aavya, Miranda House, DU, and Ehsaas, DCAC, DU. This initiative aimed to provide comfort and warmth to stray animals during the chilly winter season by crafting cozy beds using repurposed materials. The drive witnessed enthusiastic participation from volunteers who contributed their time and effort to make a tangible difference. Old clothes, bedsheets, and fabric scraps were collected from generous donors and repurposed into soft fillings for jute boris. The Jute Bori Drive successfully transformed discarded materials into warm beds for stray animals, showcasing compassion and sustainability in action.

MARKONIC – THE MARKETING SOCIETY

(Convenor: Prof. Monika Bansal)

10th October 2024: An **Upskilling Session** on the **Basics of Graphic Design** was organized. This session was conducted for members interested in basic graphic design tools, especially those looking to join the social media division. Some designs and elements were provided as a reference.

14th November 2024: The second **Upskilling Session** dedicated to **Advanced Graphics Design** session was conducted. This session served a dual purpose: firstly, a thorough review of the design projects submitted by members as part of the first upskilling session was conducted. Secondly, it delved into the intricacies of complex design principles and techniques, equipping participants with advanced skills and knowledge in the field of graphic design.

8th December 2024: An **Upskilling Session** on building an attractive **LinkedIn Profile** was organized. Online sessions were a valuable resource for society members seeking to boost their LinkedIn presence and discover job/internship opportunities. It stressed the importance of an optimized LinkedIn profile for career success. A LinkedIn along with various cover page formats was provided to the members.

28th November 2024: Haggles Play - Negotiate Now or Never" Competition was organized on 28th November 2024. Participants were strategically divided into two distinct groups: Buyers and Sellers. This division set the stage for a series of intense negotiations, where each participant aimed to achieve the most favourable outcome according to their assigned role. The participants engaged in strategic bargaining, showcasing their negotiation skills and aiming to secure the best possible deals. Each individual within these groups received a unique sheet containing 24 predetermined prices. These prices served as a guideline for negotiation, establishing a range of potential outcomes. Crucially, the price lists were structured differently for each group: in ascending order for Sellers and in descending order for Buyers. This arrangement increased the complexity of negotiations, as participants encountered more challenging price points with each successive negotiation.

TEDxDDUC

(Convenor: Dr. Rakesh Kumar)

3rd October 2024: The **TEDxDDUC 2K24 Orientation**, was a remarkable success, setting the stage for an inspiring journey ahead. With an overwhelming response of over 250 registrations, the event showcased the enthusiasm and passion of the community for innovation, ideas, and impactful conversations. The session commenced with the TEDxDDUC council sharing its vision, objectives, and upcoming initiatives. The attendees were introduced to the essence of TEDx—spreading ideas that inspire, challenge perspectives, and ignite meaningful discussions. The orientation not only highlighted the roadmap for the event but also reinforced the commitment to fostering a space where unheard voices find a platform. To add an element of fun and engagement, an interactive quiz session was conducted, testing participants on TED Talks and the history of TEDx. This activity not only entertained but also deepened the understanding of TED's core principles, leaving attendees with a stronger connection to the movement.

13th February 2025: TEDx Talk- Unseen Voices.exe was organized to reveal the untold stories and narratives shaped by individuals who confront challenges within systems that are not always in their favour. These voices, often marginalized and unheard, possess the power to shift perspectives and drive meaningful change. The theme of "Unseen Voices" aims to bring these stories into the spotlight—those that have remained in the shadows not due to lack of

significance, but because the distance between their cries and the listeners was simply too vast. At TEDxDDUC, we endeavour to amplify these voices, elevating individuals who speak not only for themselves but for entire communities, sparking discussions that go beyond individual experience and resonate on a collective scale. The ".exe" extension adds a dynamic layer to this theme, signifying action, execution, and the drive to bring ideas to life. Just as a ".exe" file is a trigger for functional change, TEDxDDUC serves as the platform that converts these unseen voices into powerful movements. By providing a space for these narratives to be heard, we aim to not only challenge existing norms but to actively transform overlooked stories into powerful catalysts for societal change. Through "Unseen Voices.exe," we empower changemakers to share their journeys, urging the world to listen, reflect, and act in ways that create lasting impact.

Speakers were:

- **Sanjoli Banerjee** – Spoke on son preference, her sister's resilience, and her journey as a social entrepreneur.
- **Shruti Malik** – Emphasized the importance of failures, recalling lessons from her grandparents and her book.
- **Shrutika** – A fearless journalist who overcame personal loss to stand against wrongdoing.
- **Major Mohammad Ali Shah** – A man of many roles—military officer, corporate leader, actor, and motivational speaker
- **Jahanvi Sehgal** – A poet with the talent to leave a lasting impact through storytelling.
- **Dr. N.H. Mullick** – A marketing professor known for his contributions to business strategy and consultancy.
- **Dr. Umesh Wadhvani** – A health transformer who promotes a fun approach to life.
- **Anushka Singh** – A bold nutritionist dedicated to fitness and well-being.
- **Ambreez Zaidi** – A journalist and author amplifying voices of war widows, orphans, and disabled soldiers.

Performers included:

- **Harsh Sharma** – A singer with a mesmerizing voice.
- **Astha Mishra** – A poet whose words commanded attention.
- **Yash Maheshwari** – A stand-up comedian who had the audience in splits.

DEPARTMENT OF MATHEMATICS

SUBJECT SOCIETY– HARISH CHANDRA MATHEMATICAL SOCIETY

25th April 2024: An Educational Trip to **Dr. B.R. Ambedkar University (Khandari Campus, Agra)** and the **Taj Mahal** was organized. The trip saw enthusiastic participation, with 73 students and 6 teachers coming together for a day filled with learning and exploration. Upon arrival at the university, the group was warmly welcomed by the Head of the Department,

Prof. Sanjeev Kumar. The university had arranged a comprehensive campus tour, allowing the students to explore various facilities, including the state-of-the-art laboratories, expansive libraries, and vibrant student spaces. The highlight of the university visit was an engaging **lecture by Prof. Sunder Lal**, a distinguished mathematician known for his significant contributions to the field. His lecture explored the evolution of mathematical theories, tracing the journey from the contributions of ancient mathematicians to the innovations of the digital age. Following the enriching academic session, the group proceeded to visit the iconic Taj Mahal. The students and teachers were awestruck by the grandeur of the monument, a timeless symbol of love and an architectural marvel.

18th – 20th September 2024: A National workshop on Python Programming and its Applications was organized under the aegis of DBT Star College Program. This workshop was organized for undergraduate and post graduate students interested in learning Python Programming. The purpose of the workshop was to bring together the students who are interested in exploring Python programming and its applications”. Students learned through PYTHON how to write codes to solve real life problems. **Dr. Adarsh Anand** from the faculty of mathematical sciences, university of Delhi, was the Chief Guest for Day -1 i.e., 18th September 2024, inaugural session. On the last day of the workshop, i.e., 20th September 2024, **Prof. Gurpreet Singh Tuteja**, Controller of Examination, University of Delhi, was invited as Guest of Honor in the Valedictory function of the workshop.

9th – 10th October 2024: A lecture on “Montel Caratheodory Theorem for Families Of P^n – Valued Holomorphic Curves” was organized. The Distinguished guest speaker for the event was **Dr. Gopal Dutt**, Department of Mathematics, Babasaheb Bhimrao Ambedkar Central University, Lucknow. Following the lecture, an interactive session allowed students to pose questions and clarify doubts directly with Dr. Gopal Dutt, enhancing their understanding of the topics discussed. The event concluded with a vote of thanks delivered by Dr. Sanjay Kumar Pant. Notably, The Faculty Members of Mathematics Department including, Dr. Sanjay Kumar Pant, Dr. Tara Chandra Prajapati, Dr. Mamta A. Wagh, were present to provide their insights and support.

24th February 2025: Hands - on Workshop on Numerical Analysis was organised under the aegis of DBT star college program. Students of B.Sc. Hons. Mathematics 2nd semester and Physical science, Mathematical science were present. Resource persons for this workshop were **Dr. Shivani Sharma, Dr. Geeta, Dr. Aparna, Dr. Sheetal, Dr. Shahid Ahmad, Dr. Rashmi Gupta, Dr. Tarachand Prajapati, Prof. Ratnesh Saxena, Dr. Sudha Arora.** (*Coordinator: Dr. Mamta Amol Wagh*)

24th February 2025: Hands - on Workshop on Basics of Mathematics was organised under the aegis of DBT star college program. Students of B.Sc. Hons. Mathematics 2nd semester and Physical science, Mathematical science were present. A total 75 students were participated in the workshop. Resource persons for this workshop were **Dr. Shivani Sharma, Dr. Geeta, Dr. Aparna, Dr. Sheetal, Dr. Shahid Ahmad, Dr. Rashmi Gupta, Dr. Tarachand Prajapati, Prof. Ratnesh Saxena, Dr. Sudha Arora.** (*Coordinator: Dr. Mamta Amol Wagh*)

25th February 2025: Hands on Workshop on the Basics of Excel was organised under the aegis of DBT star college program. Students of B.Sc. Hons. Mathematics 2nd semester and Physical science, Mathematical science were present. Total 55 students participated in the workshop. Resource persons for this workshop were **Dr. Shivani Sharma, Dr. Geeta, Dr. Aparna, Dr. Sheetal, Dr. Shahid Ahmad, Dr. Rashmi Gupta, Dr. Tarachand Prajapati, Prof. Ratnesh Saxena, Dr. Sudha Arora.** (*Coordinator: Dr. Mamta Amol Wagh*)

25th February 2025: Hands on Workshop on Network Flows was organised under the aegis of DBT star college program. Students of B.Sc. Hons. Mathematics and Mathematical science were present. Total 30 students participated in the workshop. Resource persons for this workshop were **Dr. Shivani Sharma, Dr. Geeta, Dr. Aparna, Dr. Sheetal, Dr. Shahid Ahmad, Dr. Rashmi Gupta, Dr. Tarachand Prajapati, Prof. Ratnesh Saxena, Dr. Sudha Arora.** Major topics were transportation problem, assignment problem, minimum spanning tree problem. (*Coordinator: Dr. Mamta Amol Wagh*)

1st – 2nd March 2025: The **Annual Departmental fest "MATHRIX,"** was held which featured a variety of activities in which college students and students from other colleges might take part. Several students participated in the events, which included the Rangoli Mania, Quiz, Matharon, Encrypto, Tambola, Treasure Hunt, Auction, Maths Puzzle and Mini games. The Mathematical Rangoli Competition, organized by Abhijeet and Sonali, aimed to fuse mathematical concepts with the traditional Indian art form of Rangoli. A quiz competition was held (Teacher Coordinator: Dr. Ratnesh Rajan Saxena and Shivani). The Mathematical Tambola event brought together enthusiasts to blend the excitement of the classic game with mathematical challenges. Participants engaged in a thrilling session where traditional tambola numbers were replaced with mathematical equations, formulas, or mathematical terms. The MATHRIX's last event was held in College Ground in the evening following the Tambola. The final activity, called Huntopia, was a sort of Treasure Hunt with a mathematical twist. Mini Games was the centre of attraction. The Jenga, Cup match challenge, dart throw, Ring throw, Memory, Game of 15 and card house were among the minigames. The small games were open to everyone, and winners received candies and chocolates as a prize. (*Coordinator: Dr. Mamta Amol Wagh*)

9th April 2025: An Educational Excursion was organized for the students of B.Sc. (Hons.) Mathematics with the objective of combining learning with historical exploration. A total of 105 students, accompanied by 6 teachers, participated in this trip. The group travelled in three buses to **Jaipur**, the capital city of Rajasthan, known for its rich cultural heritage and historical significance. The excursion was not only educational but also helped in fostering a sense of camaraderie among the students. It proved to be a memorable experience that enriched their knowledge and understanding of both history and mathematics. Teachers went for trip were Dr. Tarachand Prajapati Dr. Rashmi Gupta Dr. Shahid Ahmed Dr. Naresh Kumar Kodam Ms. Anshika Ms. Sheetal Ms. Aparna.

DEPARTMENT OF OPERATIONS RESEARCH

SUBJECT SOCIETY – OPTIZONE

29th August 2024: The Operational Research Department conducted an **Orientation Program** and **Fresher's welcome**.

5th September 2024: On the occasion of **Teacher's Day**, a grand celebration was organized to honour and express gratitude to the teachers who guided and mentored students throughout their academic journey.

7th October 2024: A **Workshop on "Leveraging Generative AI Capabilities"** was organized. Society hosted the workshop on the applications and tools of Generative AI (Gen AI) to increase productivity in daily life and professional scenarios. The workshop introduced students to the Magic of Generative AI tools to navigate this technology and techniques such as prompt engineering to unlock the full potential of AI models

9th – 11th October 2024: **Three days Hands-on Training Programme on "Statistics Using Python"** was conducted. The workshop introduced students to the "Use of Python for Statistical Tasks".

DEPARTMENT OF PHYSICS

SUBJECT SOCIETY – ARYABHATTA SCIENCE FORUM (ASF)

2nd September 2024: The **Orientation Programme** was conducted by ASF to welcome the new batch of students. It included a brief introduction to the department, lab tours, and an induction session. The event helped the Freshers get familiar with the academic environment and departmental structure.

5th September 2024: **Teacher's Day** was celebrated with enthusiasm and joy. Various fun activities such as movie guessing, chit picking, and a quiz were organized, encouraging interaction between teachers and students. The event concluded with the distribution of gifts to teachers as a gesture of gratitude.

22nd October 2024: ASF, in collaboration with LC Delhi (IAPS), organized a **School Day event** at Deen Dayal Upadhyaya College. Students from **St. Frobel Senior Secondary School** were invited for **lab tours, hands-on experiments related to crystallography**, and a **science quiz**. The event aimed to foster scientific curiosity among school students.

18th February 2025: The **Departmental Magazine "SIRIUS"** was **officially inaugurated** in the presence of faculty and students. The event included the introduction of the new ASF council members and an insightful **talk** by **Prof. Brijesh Chaudhary**, marking a significant academic milestone for the department.

28th February 2025: On the occasion of **Science Day**, ASF organized **Anveshana, an inter-college quiz competition**. The event saw enthusiastic participation from students across various colleges of Delhi University, promoting academic engagement and a spirit of healthy competition.

29th February 2025: **Aaveg, The Annual Cultural Fest** of the Physics Department, was organized with great energy and creativity. Events such as an open mic competition, movie screening, e-sports, and a treasure hunt offered students a chance to unwind and showcase their talents.

29th March 2025: A **one-day recreational trip** was organized for students of the Physics Department. The group visited **Sanjay Van, Qutub Minar**, and the **Garden of Five Senses**. The trip provided a refreshing break from academics and helped in fostering camaraderie among students.

11th – 12th April 2025: AESCAP, in collaboration with IAPS, organized a **two-day academic conference** aimed at the advancement of physics. With over 160 participants from different colleges, the conference provided a platform for students to exchange ideas and gain insights from diverse academic perspectives.

DEPARTMENT OF ZOOLOGY

SUBJECT SOCIETY – SYNAPSES

(Convenor, Synapses: Dr. Renu Solanki)

10th April 2024: Students (46) and Faculty members (2) of Department of Zoology embarked on an **Educational Trip** to the **Sulabh International Museum of Toilets** located in New Delhi. The purpose of the trip was to enhance students understanding of public health, hygiene, and sanitation and their importance in promoting overall well-being and preventing diseases. Students came to know about the history and evolution of toilets and sanitation practices, innovative solutions for addressing sanitation challenges globally, relationship between hygiene, nutrition, and overall health outcomes. *(Teacher Coordinators: Dr. Jai Kumar, Dr. Priya Yadav)*

21st April 2024: An **Industry Academia Awareness Program** was organized on the occasion of International Earth Day on **“E-Waste Management and Recycling: A Path towards a Sustainable Earth”**. This awareness program was organized in collaboration with “WE The Recycling Company and Sorditcon Pvt. Ltd”. Chief speakers were:

- **Dr. Payal Nandurkar**, Founder of WE The Recycling Company and
- **Mr. Aditya Rai**, the Co-founder of Sorditcon Pvt. Ltd.

They spoke about the e-waste and their management and gave brief information about the e-waste disposal Mechanism. Mr. Aditya also elaborated about his company Sorditcon Pvt. Ltd. Which is a 360° Green Consulting company, working closely with the Schools, Colleges, Universities, Residential Complexes & Corporates in meeting up with their Environmental obligations such as proper Waste Management, Conducting of Awareness about E-Waste Management, Collection of E- waste & providing the required compliance for the same as per

the guidelines of Central Pollution Control Board or State Pollution Control Board. (*Teacher Coordinator: Dr. Guddu Kumar*)

27th April 2024: Synapses, The Zoological Society organized **ADIEU'24**, a **Farewell Program** to bid adieu to the graduating seniors of the 2024 batch. The event was filled with nostalgia, joy, and heartfelt moments as the juniors and faculty came together to honour the achievements and memories of the departing students. (*Teacher Coordinator: Dr. Anita Gulati*).

30th April 2024: An **Educational Trip** for students of B.Sc. (H) Zoology and B.Sc. Life Sciences was organized to the **National Rail Museum** and **India Gate** located in the heart of the city. This visit was intended to enhance their understanding of the evolution of the railway system in our country and its impact on both historical and socioeconomic developments. (*Teacher Coordinator: Dr. Jai Kumar*)

20th May 2024: Synapses, the Zoological Society of Deen Dayal Upadhyaya College, held its **Valedictory Session** on 20th May, 2024. The event marked the end of a year of exciting activities and learning experiences. graced the session with her inspirational valedictory speech. The event also included the distribution of prizes for various positions in the Synapses society. (*Teacher Coordinator: Dr. Priya Goel*)

27th June -11th June 2024: 15-days Summer Internship cum Hands-on Training Program (SITP'24) on "Fundamentals of Recombinant DNA Technology (From Environment to Laboratory: Isolation, Amplification and Cloning)" was organized for 30 undergraduate students of biological sciences association with Science Foundation and DBT Star College Program under which the following experiments and talks were covered:

- **Invited Talk:** Recombinant DNA Technology & its Applications by **Prof. Rup Lal**, F(AAM), FNA, FNASc, FNAAS; INSA Senior Scientist, ANDC, UoD
- **Lecture 1:** Basics of Concentrations and Dilutions, Dr. Jai Kumar DDUC, UoD
- **Lecture 2:** Fundamentals of Primer Designing, Dr. Princy Hira, Maitreyi College, SUoD
- **Lecture 3:** Basics of DNA Isolation and Gel Electrophoresis, Dr. Jaya Malhotra, Deshbandhu College, UoD
- **Lecture 4:** Essentials of Polymerase Chain Reaction, Dr. Guddu Kumar, Fish Biology Laboratory, Department of Zoology, UoD
- **Lecture 5:** Methods of DNA Quantitation, Dr. Parikha Monga DDUC, UoD
- **Lecture 6:** The era from Genomes to Metagenomes!, Dr. Utkarsh Sood, Kirori Mal College, UoD
- **Lecture 7:** DNA Modifying Enzymes used in Recombinant DNA Technology & their importance, Dr. Guddu Kumar, Fish Biology Laboratory, Department of Zoology, University of Delhi
- **Lecture 8:** Transformation Techniques in Prokaryotes, Dr. Guddu Kumar, Fish Biology Laboratory, Department of Zoology, UoD
- **Lecture 9:** Screening Method: An Introduction to Alpha Complementation, Dr. Shailly Anand, DDUC, UoD
- **Experiment 1:** Preparation of Solid and Liquid Culture Media; Stock Solutions for gene manipulation studies
- **Experiment 2:** Preparation of M-FC Basal Plates

- **Experiment 3:** Sample Collection and Storage
- **Experiment 4:** Preparation of Serial Dilutions
- **Experiment 5:** Spread Plating on rich culture media & specific culture media
- **Experiment 6:** Designing of Gene Specific Primers using bioinformatics tools
- **Experiment 7:** Inoculating E. coli into Culture Medium
- **Experiment 8:** Isolation of total DNA from E. coli cells
- **Experiment 9:** Visualization of DNA by agarose gel electrophoresis
- **Experiment 10:** Polymerase Chain Reaction for amplification of gene of interest
- **Experiment 11:** Agarose Gel Electrophoresis to detect the amplified PCR product
- **Experiment 12:** Extraction of DNA from the gel using Gel Elution Kit
- **Experiment 13:** Quantitation of DNA using Nanodrop
- **Experiment 14:** DNA Sequencing of the Gene of Interest by Sanger's Method
- **Experiment 15:** Analysis of Electropherogram of the Gene of Interest
- **Experiment 16:** Ligation of the eluted gene into pGEMT Easy Vector
- **Experiment 17:** Preparation of E. coli DH5alpha Competent Cells by CaCl₂ method
- **Experiment 18:** Preparation of culture plates containing IPTG, Ampicillin and X-gal
- **Experiment 19:** Transformation of the ligated product in E. coli DH5alpha cells by Heat Shock Method
- **Experiment 20:** Calculation of Transformation Efficiency

(Resource Persons: **Dr. Shailly Anand**, DDUC, UoD, **Dr. Rohit Jamwal**, Gut Microbiome Laboratory, Department of Zoology, UoD, **Dr. Guddu Kumar**, Fish Biology Laboratory, Department of Zoology, UoD, **Dr. Anjali**, Gut Microbiome Laboratory, Department of Zoology, UoD, **Dr. Parikha Monga**, DDUC, UoD, **Dr. Jai Kumar**, DDUC, UoD, **Dr. Vinay S. Dagar**, DDUC, UoD, **Dr. Priya Yadav**, DDUC, UoD)

11th July 2024- 18th July, 2024: One week Hands-on-Workshop on “Advanced Tools in Biotechnology” was organized for 29 undergraduate students of biological sciences in association with Science Foundation & DBT Star College Program under which the following 9 experiments and 4 lectures were covered:

- **Experiment 1:** Blue-white screening
- **Experiment 2:** Isolation and inoculation of the recombinant clone in culture media
- **Experiment 3:** Preparation of Glycerol Stock of the recombinant clone for long term storage
- **Experiment 4:** Isolation of plasmid DNA from the recombinant clone
- **Experiment 5:** Agarose Gel Electrophoresis for visualization of the recombinant clone DNA
- **Experiment 6:** Polymerase Chain Reaction (PCR for the presence of gene of interest in the recombinant clone)
- **Experiment 7:** Agarose Gel Electrophoresis for visualization of amplified product
- **Experiment 8:** Insert Release from the recombinant clone
- **Experiment 9:** Visualization of Insert Release by Agarose Gel Electrophoresis
- **Lecture Session 1:** Transformation Techniques & Measurement of Efficiency of Transformation Dr. Guddu Kumar Fish Biology Laboratory, Department of Zoology, UoD
- **Lecture Session 2:** An overview of different methods of storage of bacterial cultures, Dr. Anjali Gut Microbiome Laboratory, Department of Zoology, UoD

- **Lecture Session 3:** Check points during cloning by Recombinant DNA Technology – Why's & How's?, Dr. Anjali Gut Microbiome Lab., Dept. of Zoology, UoD
- **Lecture Session 4:** Fundamentals of Molecular Scissors, Dr. Rohit Jamwal, Gut Microbiome Laboratory, Department of Zoology, UoD

18th July 2024: An **Intercollege Poster Presentation Competition** was organized in coordination with Science Foundation and DBT Star College Scheme on the theme **“Biotechnology and its applications”** during which 10 teams participated. The topics received for the poster presentations included the following:

- “Illuminating Gene Expression”
- “The BRCA gene and cancer risk: What you need to know!”
- “RT-PCR: Amplifying Answers from RNA”
- “Revolutionising Industry : Role of RDTs in antibiotics”
- “Electrifying insights: unveiling DNA strands through gel electrophoresis”
- “Diving into genetics: the captivating explosion of DNA sequencing”
- “Unlocking the Secrets of DNA: Tailored Isolation protocols for diverse organisms”
- “DNA SEQUENCING : Unveiling the code of life”
- “Harnessing the Power of CRISPR/Cas”
- “Making fabricated fluid using rHBOCs”

The judgement of the posters was done by Dr. Shailly Anand, Dr. Renu Solanki, Dr. Guddu Kumar, Dr. Rohit Jamwal.

29th August 2024: A **Welcome Event** to foster meaningful interactions between newly joined students, faculty members, senior students, and the Synapses (subject society) student council. This gathering, held on 29/08/2024, aimed to bridge the gap between different levels of academic experience, promote peer learning, and create an environment that supports both academic and personal growth. This peer-to-peer interaction was a testament to the department's commitment to holistic education. It set the tone for a collegial atmosphere that is poised to support the academic and emotional journey of every student. By prioritizing inclusivity, mutual respect, and the free exchange of ideas, the department ensured that every new student would feel not only welcomed but empowered as they begin their academic journey. (*Coordinator: Dr. Shailly Anand*)

5th September 2024: **AARAMBH’24**, (Deeksharambh Program): The Department of Zoology held its formal **Induction Program** led by Dr. Shailly Anand, the Teacher in-Charge. She provided an overview of the department, established in 1990, and its evolution. This orientation session meticulously designed to familiarize the new students with the academic environment, faculty members, and resources available to them. The room was filled with eager faces, both apprehensive and excited about the new journey that lay ahead. The orientation laid out a roadmap for academic success, promoting an inclusive and supportive environment where students were encouraged to interact freely and engage with the experienced faculty members present. This session instilled a sense of belonging, bridging the gap between the new students and the institution’s vibrant culture. (*Coordinator: Dr. Shailly Anand*)

5th September 2024: The **Teacher's day** was celebrated by the students and faculty members of the Department. The significance of Teacher's Day was emphasized, as heartfelt gratitude and appreciation for the teachers were woven into every aspect of the programme. The atmosphere was one of mutual respect, joy, and celebration of the invaluable contributions made by teachers to the students' lives. The spirit of camaraderie and light heartedness was perfectly captured in the games segment, where students and teachers alike participated with enthusiasm.

12th September 2024: An **Educational Visit to Global Bio-India 2024**, an annual mega international congregation of biotechnology stakeholders, including international bodies, regulatory bodies, central and state ministries, SMEs, large industries, bio clusters, research institutes, investors, and the startup ecosystem was organized under the aegis of DBT Star College Program & Deeksharambh Student Induction Program on 12th September 2024. The event was structured by Biotechnology Industry Research Assistance Council (BIRAC), a Public Sector Undertaking under the Department of Biotechnology (DBT) - Ministry of Science and Technology, Government of India to showcase India's Biotech growth and opportunities to the world. More than 8000 delegates from round the world had registered for the event. A total of 159 students of Zoology, Botany and Life Sciences participated in the events held of the program. *(Coordinators: Dr. Shailly Anand)*

17th – 18th September 2024: In commemoration of **International Microorganism Day**, the department orchestrated **Microsphere 4.0**, a two-day confluence that brilliantly captured the essence of microbial diversity, research, and innovation. This remarkable event, held under the aegis of Synapses, DBT Star College Program, and the Science Foundation, in association with the Indian Network for Soil Contamination Research (INSCR), and bolstered by its academic-industry collaborator PhiXgen Pvt. Ltd., set a precedent for scientific gatherings of its kind. Under the global umbrella of the International Microbiology Literacy Initiative - South Asian Centre (IMiLI-SAC), the event drew participation and collaboration from a network of esteemed Swami Shraddhanand College, Miranda House, Sri Guru Tegh Bahadur Khalsa College, Ramjas College, Kirori Mal College, Gargi College, Maitreyi College, Shivaji College, Deshbandhu College, and Bhaskaracharya College of Applied Sciences. *(Coordinators: Dr. Shailly Anand & Dr. Renu Solanki)*

The following intercollege competitions were organized:

- **Micro-Maestros (Personify the Microbes):** This flagship event invited participants to personify microbes, transforming these invisible life forms into vivid characters with dynamic personalities and crucial roles in sustaining ecosystems. The presentations embodied creativity at its zenith, as students ingeniously gave voice to bacteria, viruses, fungi, and protozoa, all while shedding light on their importance in health, agriculture, and industry. This innovative competition, students creatively personified various microorganisms, showcasing their vital roles in ecosystems
- **Slogan writing competition:** In this event, participants wielded the power of words, crafting slogans that captured the ubiquitous yet enigmatic nature of microorganisms. The competition was a melting pot of ideas, each slogan a reflection of the participant's perspective on the microbial world's profound impact on life and the environment.

- **Microquiz:** The *MicroQuiz* was an intellectual battlefield that tested the breadth and depth of microbiological knowledge among undergraduate and postgraduate students. The questions spanned an impressive array of topics, including microbial ecology, genetic engineering, and the application of microbes in biotechnology.

18th September 2024: Memorandum of Understanding (MoU) between Deen Dayal Upadhyaya College & PhiXgen Pvt. Ltd was signed on 18th September, 2024 under the Internal Quality Assurance Cell for a tenure of 5 years. ((*Coordinators: Dr. Shailly Anand & Dr. Renu Solanki*))

18th September 2024: Invited talk by Prof. Rup Lal (NASI Senior Scientist, Acharya Narendra Dev College, University of Delhi), Co-Chair IMiLi-ROND, President INSCR. The topic of his talk was “Fostering India’s Prosperity (Viksit Bharat Vision) through Health, Environment, and Peace”. In his visionary discourse, Dr. Lal emphasized the indispensable role microorganisms play in securing India’s future prosperity. Drawing on cutting-edge research and his extensive expertise, he elaborated on how microbes are key to unlocking breakthroughs in health care, environmental sustainability, and even global peace. He spoke passionately about the potential of microorganisms to drive solutions to some of the most pressing challenges facing humanity, from antibiotic resistance to climate change. His message was clear—India’s path to development is deeply intertwined with understanding and harnessing the power of microbial life.

24th September 2024: An Alumni Meet-cum-Interaction was organized. The occasion was graced by the presence of distinguished alumni who have made remarkable strides in their respective fields, each one sharing their unique journeys and imparting wisdom that transcended academic achievements.

- **Girish Singh**, an illustrious alumnus now serving as a pilot in the Army Aviation Squadron, recounted his exhilarating and challenging career in the armed forces. He talked on “My journey to the sky”. His narrative, rich with anecdotes of adventure and courage, spoke to the importance of resilience, precision, and dedication—qualities that had been nurtured during his formative years in the department.
- **Priyanka Sawhney**, a business coach for solopreneurs and the visionary founder of , took the stage. Her words carried a message of self-empowerment and personal growth, encouraging the audience to embrace self-love as a foundation for both personal and professional success.
- **Dr. Guddu Kumar** working as an Assistant Professor at Department of Zoology, DDUC took over the stage and his speech was a moving reflection on his journey from being a student in the department to standing among his former professors as a colleague. His heartfelt words embodied the essence of growth, perseverance, and academic camaraderie, reinforcing the notion that the department is not merely an institution but a lifelong community of learners and mentors. (*Teacher Coordinator: Dr. Anita Gulati*)

26th October 2024: An Educational Visit was organized to the **Akashvani Bhawan Delhi** to hear the lecture of eminent scientist **Dr. S. Somanath**, ISRO Chief on the occasion of birth ceremony lecture series of Sardar Patel Ji. 34 students from B.Sc. (H) Zoology, B.Sc. Life Sciences along with two teachers Dr. Guddu Kumar and Dr. Jai Kumar visited the Akashvani

Bhawan for Sardar Patel memorial lecture. The program began with the opening remarks and contribution by Sardar Patel Ji in the organization of Bharat. Opening words were delivered by honorable president Droupadi Murmu Ji. Akashvani team welcomed the speaker of the day Dr. S. Somanath who started his lecture with the contribution of iron man of India, further he added the satellite system of India and their contribution in the weather forecast, telecommunication, tracking fishing vessels and success story of Chandrayan -3. Future space programs of India and status of ISRO on the global scale. (*Teacher Coordinator: Dr. Guddu Kumar, Dr. Jai Kumar*)

19th November 2024: International Symposium on “Science and Society” in association with the DBT Star College Program and Science Foundation was organised on 19th Nov, 2024 (*Organizing Secretaries: Dr. Renu Solanki, Dr. Shailly Anand*).

- **Prof. Kenneth Timmis** (Professor at University of Brunswieg, Germany): He delivered Keynote talk on “Microbiology Literacy: A Path to Material Improvement in Societal and Planetary Wellbeing and Sustainability”. Prof. Kenneth Timmis is the chief ambassador of International Microbiology Literacy Initiative and in his talk, he emphasized why there is an urgent need for microbiology literacy in society. He also enlightened about the topic frameworks (TFs) and different curricular resources being developed to make microbes interesting for children learning as a new and promising concept.
- **Dr. Meenakshi Munshi**, (Fulbright Fellow, UC Davis, USA. Visiting Professor, UPES, Dehradun Consultant Manipal Academy of Higher Education, Manipal, Former Scientist G/Adviser, Department of Biotechnology, Ministry of Science & Technology, GOI). Dr. Meenakshi Munshi delivered talk on “How lessons learnt from plants can become Rules of Success”, She emphasized about the lessons which we can learn from plants, for example, Plants offer profound lessons in resilience, patience, and interdependence. Plants growth pattern is slow and steady process that requires time, care, and persistence which human beings should also follow. Plants teach us to stay rooted in our values while reaching toward the light of opportunity and growth.

During the symposium online poster presentation competition was held and the result of poster presentation was as follows:

- “Comparative Analysis of toxic dye degradation ability by different bacterial species” by Charu Agrawal, Shriyam Mishra, Yogita Jhinkwan, Chaitali Ghosh, Divya Ganeswari, Gargi College, University of Delhi
- “Freshwater Pearls: The Secret life of *Lamellidens Marginalis*” by Aditya Sharma, Harsh Sharma, Guddu Kumar, Parikha Monga, Deen Dayal Upadhyaya College, University of Delhi
- “Science of Sleep and Societal Wellbeing” by Jiya Goel, Ramjas College, University of Delhi and “Effect of Duckweed (*Lemna minor*) Based Diets on the Growth Performance of Rohu, fish (*Labeo rohita*)” by Ajay Singh Sikarwar, Department of Zoology.

20th - 24th November 2024: An Outstation Trip to Jibhi, Himachal Pradesh was organized from November 20 to November 24, 2024. During the trip, students explored the scenic Jibhi Waterfall, embarked on a trekking adventure to Serolsar Lake, and visited the vibrant Banjar Market. Additionally, they had the opportunity to visit the Great Himalayan National Park, where they experienced the region's rich biodiversity and natural beauty. The trip provided students with both recreational and educational experiences, fostering a deeper appreciation for

nature and wildlife. (Teacher Coordinators: Dr. Guddu Kumar, Dr. Parikha, Dr. Jai Kumar, Dr. Vinay Singh Dagar).

September to November 2024: Student Lecture Series was organized as follows:

- **11th September, 2024:** “*How to create phylogenetic tree in mega software*” by Tanya Gupta, B.Sc Life Sciences (Teacher Coordinator: Dr. Anita Gulati). Tanya Gupta eloquently explained that advancements in genetic technology have revolutionized phylogenetic studies. With the accessibility of gene sequencing, evolutionary relationships can now be mapped with greater precision, offering insights into biological diversity and genetic classification. She also highlighted how DNA sequencing has become more efficient and cost-effective, facilitating swift data acquisition. Moreover, when genetic material is not available, such as in fossil studies, morphological estimates can serve as a valuable substitute to infer evolutionary changes.
- **21st October, 2024:** “*Entrepreneurship development and opportunities in fresh water pearl culture*” by Aditya Sharma, B.Sc. (H) Zoology (Teacher Coordinator: Dr. Guddu Kumar). Aditya Sharma's lecture focused on the potential of freshwater pearl culture as a burgeoning industry with vast entrepreneurial opportunities. He highlighted how the cultivation of freshwater pearls can be a sustainable and lucrative business venture, especially in rural and semi-urban areas, where natural resources can be harnessed effectively. The session emphasized on Entrepreneurial Development, Scientific Aspects of Pearl Culture, Opportunities in India
- **24th October 2024:** “*The chemistry of snake venom and its chemical potential*” by Tanmay, B.Sc. (H) Zoology (Teacher Coordinator: Dr. Parikha). Tanmay's presentation covered a wide array of fascinating topics related to snake venom, beginning with an overview of venomous and non-venomous snakes. He provided a clear distinction between these groups, focusing on the ecological and biological importance of venom in the survival strategies of various snake species.
- **11th November, 2024:** “*Exploring Nanoparticle*” by Harshit Bhandari, B.Sc Life Sciences (Teacher Coordinator: Dr. Anjali). The lecture covered an introduction to the nanoparticles, types of nanoparticles, nanotechnology, applications of nanotechnology in real world, antimicrobial resistance, potential of herbal nanoformulations and drug delivery through nanoparticles. He also covered characterization of nanoparticles and potential of nanoparticles against ESKAPE panel.
- **13th November, 2024:** “*The Problem of heart attacks in young Indians*” by Abhishek (Teacher Coordinators: Dr. Parikha, Dr. Jai Kumar, and Dr. Vinay Singh Dagar). Abhishek in his lecture series apprised the students about the problem of heart attacks in young Indians. He further explained that Heart attacks, once considered a health concern for older individuals, are increasingly affecting young Indians. Sedentary lifestyles, unhealthy eating habits, high levels of stress, and genetic predisposition have contributed to a rise in cardiovascular diseases among young people. The session aimed to raise awareness about the causes, risk factors, preventive measures, and necessary lifestyle modifications to reduce the incidence of heart attacks.

29th January 2025: The Fresher's Event “GLITZ AND GLAM’ 25” was a grand welcome for the new batch of students. The event aimed to foster interaction between seniors and juniors, introduce freshers to the college culture, and provide them with an opportunity to showcase their talents. The program was meticulously planned by the Synapses and faculty members to ensure an engaging and enjoyable experience for everyone. (*Teacher Coordinators: Dr. Guddu Kumar, Dr. Rohit Jamwal*)

18th February 2025: An Educational Visit to Yakult Danone India Pvt. Ltd. in Sonipat, Haryana. The visit was attended by students from the Life Sciences and Zoology courses, providing them with an invaluable opportunity to gain insights into the significance of probiotics and the production process of Yakult. The visit was structured into two distinct components: a presentation session and a tour of the production facility. During the presentation, the history of Yakult was elucidated, and also emphasized on the health benefits of probiotics, highlighting their role in enhancing gut health, bolstering immunity, and facilitating digestion. The production process of Yakult was explained during the tour of the plant. Manufacturing process was explained along with fermentation process and storage of products.

24th February 2025: A Special Orientation Session was conducted by Dr. Shailly Anand, Teacher In-Charge, Department of Zoology to provide Semester VI students with a clear understanding of their options for the fourth year under the NEP 2020 framework. The session focused on the structure of undergraduate programs, specialization choices, and key learning outcomes for students progressing to Semesters VII and VIII. This Orientation session provided students with a comprehensive overview of their academic choices and specialization tracks. By following the outlined process, students can make informed decisions about their fourth-year study path, ensuring alignment with their academic and professional goals. Students discussed their issues in the session and also sought guidance for their future trajectory. (*Teacher Coordinator: Dr. Shailly Anand*)

November 2024 and February 2025: A Skill Enrichment Program was organized on “Immunological techniques based on antigen antibody interactions” for the students of B.Sc (H) Zoology, Sem V and B.Sc. Life Sciences, Sem VI. (*Teacher Coordinators and Resource Persons: Dr. Anita Gulati, Dr. Renu Solanki*) during which the following experiments and lectures were covered:

- **Experiment 1:** Ouchterlony Double Diffusion for Antigen - Antibody patterns
- **Experiment 2:** Radial Immuno Diffusion
- **Experiment 3:** Immunoelectrophoresis
- **Experiment 4:** Sandwich ELISA
- **Lecture 1:** Basics of Immunoprecipitation (Dr. Anita Gulati)
- **Lecture 2:** Principles of Immunodiffusion and its significance (Dr. Anita Gulati)
- **Lecture 3:** Immuno-electrophoresis (Dr. Renu Solanki)
- **Lecture 4:** Enzyme Linked Immunosorbent Assay (ELISA): Basics, types and Applications by Dr. Aparna Sharma, Acharya Narendra Dev College, University of Delhi

22nd March 2025: The Annual Departmental Fest – **ZOOFESTEA'25** was organized wherein 4 events including Inter-College Debate Competition, Autosciography (Autobiography as a scientific instrument), Zoomania (Biology Quiz Game) and Safari Seekers (Treasure Hunt) were held. The students from our college and different colleges participated in the events and won prizes in the events.

28th March 2025: A **Sanitary Napkin Distribution Drive-cum-Hygiene Information** was organized in association with Right Side Story, in partnership with P&G (Whisper, Gillette & Venus India) for the girl students of the college. The drive was set near the canteen area of the campus which receives the maximum footfall of students. While napkins/ goodies were distributed to girls, a general hygiene information was also conveyed to students. **Mr. Kshitij** and **Ms. Meenal** from Right Side Story coordinated the event. (*Teacher Coordinator: Dr. Shailly Anand*)

1st April 2025: An **International Interactive Session** titled “*From Innate Immunity to Autoimmunity: A Journey of a Lifetime*” was organized as a collaborative effort by Synapses and Kalpavriksha, the Zoological and Botanical Societies of the college, held under the aegis of the Science Foundation and DBT Star College Program (Coordinators: Dr. Renu Solanki & Dr. Rajkumari S. Devi). The session was graced by **Prof. Uday Kishore**, a renowned immunologist with specialization in innate immunity and autoimmunity. A Fellow of FHEA, FRSB, and FRCPath, Prof. Kishore is currently associated as a professor and researcher with *UAE University* and the *University of Oxford*. He is celebrated for his pioneering contributions in immune regulation and disease pathogenesis and is the recipient of several prestigious research awards. During the session, Prof. Kishore shared his journey in the field of immunology, shedding light on the intricate transition from innate immunity to autoimmune conditions. His talk provided deep insights into the mechanisms of immune responses, the challenges in autoimmune disease research, and emerging therapeutic strategies. The lecture was followed by an engaging Q&A session where students and faculty actively interacted with the speaker.

ACHIEVEMENTS OF THE FACULTY 2024-25

More than just dedicated educators, the members of our faculty also generate new knowledge and insights through their research and other academic contributions. The scholarly work ensures that the teaching-learning process reflects the latest and best thinking in the field.

MEMBERSHIP OF ACADEMIC BODIES, UNIVERSITY OF DELHI

- **Dr. Poonam Garg:** Member of Faculty of Mathematical Science (University of Delhi)
- **Dr. Charu Kalra:** Member, Steering committee, Culture Council, University of Delhi
- **Dr. Charu Kalra:** Member, Committee of Courses, Faculty of Science till December 2023
- **Prof Manoj Saxena:** Member, Departmental Research Council of Department of Electronic Science, University of Delhi South Campus w.e.f. 01.01.2023 for a period of two years i.e. till 03.01.2025.
- **Prof Arpita Sharma:** Member, Board of Research Studies (Faculty of Mathematical Science) for a period of two years October 2024 – October 2026.

MEMBERSHIP OF OTHER PROFESSIONAL/ ACADEMIC BODIES/ COMMITTEES

Dr. Kapil Bohra

- Life Member, ACCTI (Association of Carbohydrate Chemists and Technologists of India. Proof: Name mentioned in the list of members on the website of ACCTI.

Dr. Mamta Amol Wagh

- Life Member, Indian Mathematical Society. Membership No. N-09-066
- Life Member, Indian Science Congress Association. Membership No. L14981

Dr. Rashmi Gupta

- Life member, ORSI.

Dr Charu Kalra

- Life Member, Delhi University Botanical Society (DUBS)
- Life Member, Vijnana Bharati (VIBHA); Membership ID- 19951CHARU
- Life Member, Indian Network of Soil Contamination Research (INSCR) Card No. 2021-80
- Life Member, Indian Science Congress Association (ISCA) card no. L41854

Dr Mahaveer Genwa

- Life Member, Indian Science Congress, Kolkata
- Life Member, Indian Society of Analytical Scientists (ISAS), Faridabad
- Life Member, Renewable Energy Society of India, New Delhi

Prof Manoj Saxena

- Fellow, Institution of Electronics and Telecommunication Engineers (IETE) (F 500322)
- Fellow, Optical Society of India F1709
- Fellow, National Academy of Sciences India (Allahabad)
- Distinguished Lecturer, IEEE Electron Device Society

Dr Shailly Anand

- Life Member, Indian Network for Soil Contamination Research.
- Life Member, Association of Microbiologists of India.

Dr. Sangeeta Talwar

- Member, Organizing Committee in International Symposium, ISAFS 24, 19 March 2024

Dr. Renu Solanki

- Member, Indian Network for Soil Contamination Research
- Member, Association of Microbiologists of India
- Member, Microbiologists Society

Dr Chetna Angrish

- Life Member, Indian Science Congress, Kolkata

Dr. Sudhir Verma

- Member, International Society for Eye Research, San Francisco, CA, USA
- Member, Association for Research in Vision and Ophthalmology, Rockville, MD, USA
- Member, International Society for Hyaluronan Sciences, NC, USA

Prof. Kulvinder Singh

- Member, Board of Studies, Department of Applied Sciences and Humanities of Ganga Institute of Tech. and Management (GITAM) Haryana India

Dr. Shikha Prasad

- Life Member, Delhi University Botanical Society, Department of Botany, University of Delhi.

Dr. Namira Arif

- Life Member, Indian Science Congress Association, India.

Dr. Tarachand Prajapati

- Life Member, Ramanujan Mathematical Society.
- Member, Harish Chandra Mathematical Society.

Dr. Varnika Bhatia

- Life Member, The Indian Science Congress Association
- Life Member, Delhi University Botanical Society, Department of Botany, University of Delhi, Delhi
- Life Member, The Indian Botanical Society
- Member, Vijnana Bharati (VIBHA); Membership ID: 4458; Membership Year: 2023

Dr. Meghna Aggarwal

- Life Member, Indian Accounting Association – Delhi Chapter

Dr. Sudhir Verma

- Member, International Society for Eye Research, San Francisco, CA, USA
- Member, The Association for Research in Vision and Ophthalmology, Rockville, MD, USA
- Member, International Society for Hyaluronan Sciences, NC, USA

AWARD/HONOURS RECEIVED AT INTERNATIONAL / NATIONAL LEVEL

- **Prof. P. K. Jha**, Department of Physics was nominated for the *Capacity Building Program (Phase III)* conducted by the University of Delhi in collaboration with Durham University on Global Trends in Academic Administration.
- **Prof. Sachin Mittal**, Department of Chemistry was nominated for the *Capacity Building Program (Phase III)* conducted by University of Delhi in collaboration with Durham University on Global Trends in Academic Administration.
- **Prof. Rampal Singh** received a *travel grant* of Rs. 50,000/- from Deen Dayal Upadhyaya College, University of Delhi to present a paper titled “Smart Forecasting of Ultraviolet Index Through Transformer: A deep learning model at the 3rd World

Conference on Information Systems for Business Management at Bangkok, Thailand.

- **Dr. Lalit Kumar** served on the *esteemed jury of Banaras Literature Festival Book Awards and Valley of Words Awards*, in November 2024 at Dehradun, an International Art and Literature Festival.
- **Dr. Anil Kumar** was elected as the *Member of the Academic Council*, University of Delhi for 2023 – 2025.
- **Prof. Manoj Saxena** served as the *Distinguished Jury Member* of ideas/innovations displayed in the 11th National Level Exhibition and Project Competition (NLEPC) 2024 organized under the INSPIRE-MANAK program, Department of Science and Technology, Government of India in Delhi from September 17-19, 2024
- **Dr. Sudhir Verma** received *Research Travel Grant-2024* (Amount USD 1500.00) from International Society for Hyaluronan Sciences (ISHAS) to visit the lab of Dr. Adam Hall, Wake Forest University, North Carolina, to carry out Hyaluronan size characterization using solid state nanopore technology.
- **Dr. Meghna Aggarwal** received the Best Paper (Oral) Presentation Award for the paper titled *The Future of Financial Inclusion: Is Digital UBI the Next Step?* at the International Conference on Innovations in Science and Technology: A Perspective of Viksit Bharat @ 2047 organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, University of Delhi.
- **Dr. Shipra Goyal** received *Best Oral Presentation Award* in International Conference ICIST25 conducted by Deen Dayal Upadhyay College, University of Delhi.
- **Dr. Shipra Goyal** received the *Research Publication Award* of Rs. 70,000/- [Equally distributed amongst first (Shipra Goyal) and corresponding authors (Vishvas M. Kulkarni and Vishnu Bhat)] from the Institution of Eminence, University of Delhi for her research titled Plant Regeneration through Somatic Embryogenesis in Cell Suspensions of *Cenchrus Ciliaris* L.
- **Dr. Neha** was awarded the degree of *Doctor of Philosophy (Ph.D.) in Electronic Science* for her thesis titled Modeling and Simulation of Field Plate HEMT from Department of Electronic Science, University of Delhi in April 2024 under the supervision of Prof. Manoj Saxena, Deen Dayal Upadhyaya College, University of Delhi.
- **Dr Ajit Singh** was awarded the degree of *Doctor of Philosophy (Ph.D.) in Electronic Science* for his thesis titled Solar Photovoltaic Cell and Characterisation of Related Materials from Department of Electronic Science, University of Delhi in November 2024 under the supervision of Prof. Neeraj Tyagi, Deen Dayal Upadhyaya College, University of Delhi.

UGCF CURRICULUM DEVELOPMENT

1. **Dr Anju Agarwal**, Member, Curriculum Development Committee constituted by the Department of Physics and Astrophysics, Delhi University- contributed in the design of Electronics papers for B.Sc. (H) and B.Sc. (Program) under NEP guidelines.
2. **Prof Manoj Saxena**, Member, Core Committee for restructuring of B.Sc. (H) Electronics/ Instrumentation courses under the new NEP framework since January 2022
3. **Dr. Varnika Bhatia**, Member, Syllabus Drafting Committee for B.Sc. (H) B.Sc. Hons. Botany, 4th Year, Semester-VII , Genomics, Proteomics and Bioinformatics (2L + 2P)
4. **Dr. Varnika Bhatia**, Member, Syllabus Drafting Committee for B.Sc. (H) B.Sc. Hons. Botany, 4th Year, Semester-VIII , Advanced Genetics, Genomics and Plant Breeding (2L + 2P)

RESEARCH GUIDANCE

Faculty Name	Level of Guidance	Number of candidates registered	Number of candidates awarded
Professor Manoj Saxena	Ph.D.	3	1
Professor Monika Bansal	Ph.D.	1	
Professor Monika Bansal	M.Phil.	1	
Dr Mamta Amol Wagh	Ph.D.	1	
Dr Mahaveer Genwa	Ph.D.	2	
Dr. Sunil Kumar	Ph.D.	1	
Dr. Varnika Bhatia	Ph.D.	2	
Prof. Arpita Sharma	Ph.D.	0	1

PROJECT GUIDANCE AT THE UNDER-GRADUATE/POST-GRADUATE LEVEL

Faculty Name	Level of Guidance	Number of candidates registered	Status
Dr. Mahaveer Genwa	UG Dissertation	2	Completed
Dr Chetna Angrish	UG Dissertation	2	Completed
Dr. Varnika Bhatia	M.Sc.	2	Completed

MAJOR/MINOR PROJECTS

Title	Amount Sanctioned	Funding Agency	Date From	Name of the PI/CO-PI	Status
<i>Characterizing the limbal extracellular matrix (ECM) during hypothermic storage of human donor cornea to formulate improved storage media with stem cell supportive components</i>	USD 15000.00	Eversight Eye and Vision Research Grant, USA	1 year (2024 - 2025)	Dr. Sudhir Verma	Ongoing
<i>Hyaluronan as a potential diagnostic marker for corneal stem cell quality and preservation medium supplement for improving transplantation success</i>	USD 10,000.00	Lions Foundation for Sight, Texas, USA	2 years (2023-25)	Dr. Sudhir Verma	Completed
<i>Characterizing the progenitor-like properties of Transient Amplifying Cells (TACs) that present a Hyaluronan (HA)- rich glycocalyx</i>	USD 5,000.00	ARVO Foundation for Eye Research and Eye Bank Association of America, USA	2 years (2023-25)	Dr. Sudhir Verma	Ongoing
<i>DBT Star College Status Program</i>	Rs. 1,61,87,340/-	DBT Star College Letter, Ministry of Science Technology, Department of Biotechnology, Government of India	3 years (2022 – 2025)	Prof. Manoj Saxena	Ongoing

<i>I-V and C-V characterization of sub-micron Design, Optimization and Fabrication of Radiation Hardened Sub 0.15-micron gate length InAlN/GaN HEMT for Ku band application</i>	Rs. 58,83,108/-	SERB-POWER	3 years (2022 – 2025)	Prof. Manoj Saxena	Ongoing
<i>Capacity Building in Modelling and Simulation of Radiation Hardened HEMT Design and Energy-Efficient Devices for Space Application.</i>	Rs. 10,00,000/-	Institute of Eminence (IoE), University of Delhi Research Project	3 years (2022 – 2025)	Prof. Manoj Saxena	Ongoing
<i>Development of Thermoelectric Energy Harvester using Indium Selenide thin films</i>	Rs 31,84,000/-	SERB	3 years (2023 – 2026)	Prof. P. K. Jha	Ongoing
<i>Study of optical properties of magnon dynamics for quantum device applications</i>	Rs. 30,00,000/-	DST	3 years (2024 – 2027)	Prof. P. K. Jha	Ongoing
<i>Modelling of Sensitive Ring Laser Gyroscope for Meterological Application</i>	Rs. 29,80,000/-	CSIR	3 years (2023 – 2026)	Prof. P. K. Jha	Ongoing
<i>First-principles study of Rashba spin-orbit interaction and its tunability via doping and strain engineering in 2D materials and oxide hetero structures for</i>	Rs. 3,00,000/-	DDU College	2 years (2024 – 2026)	Prof. P. K. Jha	Ongoing

<i>spintronic application</i>					
<i>Role of illiteracy in Tribal and its Impact on various government policies</i>	Rs. 5,00,000/-	ICSSR	2 years (2022 – 2024)	Dr. Sangeeta Mohan	Completed
<i>Synthesis, Characterization and Catalytic Application of doped CeO₂ nanostructures</i>	Rs. 3,00,000/-	DDU College	2 years (2024 – 2026)	Dr. Nityananda Agasti	Ongoing

PATENTS FILED/GRANTED

1. Dr. Jaya Bansal, Dr. Sofia Gupta, **Dr. Mahaveer Genwa**, Dr. Chhagan Lal, **Dr. Chetna Angrish** and Dr. Shalom Akhai. MULTIFUNCTIONAL SPOON BRUSH HYBRID. The Patent Office, Government of India. Patent 429913-001. 28/11/2024. National.
2. Suresh Kumar, **Dolly Kain**, Vandana and Atul Arya. ANTIBACTERIAL COMPOUNDS ISOLATED FROM PLANT ACHILLEA MILLEFOLIUM L. The Patent Office, Government of India. Patent 202111025439. 22/01/2025. National.
3. Tahir Ahmed, Kajal Jindal, Dr. Monika Tomar, **Prof. Pradip K. Jha**. ELECTRO-OPTIC ENHANCEMENT BY A CA SUBSTITUTION IN SBN60 THIN FILMS. The Patent Office, Government of India. Application number: 202511010821. Date of filling of the patent: 10-02-2025. National

CONFERENCES ORGANIZED

Conference title	Date	Funding support	Agency	Convenor
10 th Annual International Commerce Conference on Governance in Amrit Kaal”,	January 06 -07, 2025.			Dr. Sonal Thukral, Dr. Renu Aggarwal and Dr. Rakesh Kumar
XXVI Annual International Conference on Viksit Bharat@2047	January 11-12, 2025.			
4 th International Conference on the Prayaga Mahakumbha 2025	March 03 - 04, 2025.			Prof. Radha Madhav Bharadwaj
International Conference on Innovations	March 19 - 20, 2025.	National Academy of Sciences India, Allahabad – Delhi Chapter and IEEE		Dr. Shailly Anand and Dr. S, N. Tripathi

in Science and Technology: A Perspective of Viksit Bharat		Electron Device Society (EDS) Delhi Chapter	
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FACULTY DEVELOPMENT PROGRAM ORGANIZED

- **FDP on Income Tax**

Deen Dayal Upadhyaya College in collaboration with Department of Commerce, University of Delhi organized a one-day Faculty Development Program (FDP) on “Understanding Latest Changes in Income Tax” on 31st August 2024. Prof. Balam Pan, Dean of Colleges, University of Delhi graced the occasion as Guest of Honour. The resource person for the program Dr. Vinod K. Singhan, a renowned expert in the field of taxation facilitated insightful sessions aimed at enhancing faculty understanding of recent income tax amendments, fostering academic enrichment and practical financial awareness. The FDP was convened by Prof. Monika Bansal. The program witnessed enthusiastic participation from over 100 faculty members across various colleges of DU.

- **FDP on NEP 2020**

Deen Dayal Upadhyaya College organized a two-day FDP on “NEP 2020 & OBE-Aligned Practicum-Driven Commerce Education” from 14th–15th May 2024 in collaboration with Department of Commerce, University of Delhi and Nerg Vidya. The sessions included hands-on training, providing participants with direct experience and practical insights into enhancing their teaching practices aligned with NEP 2020 Practicum. More than 30 participants across colleges of DU attended the FDP. Resource person CA Peter Richard focused on the integration of financial literacy into the curriculum, demonstrating practical exercises and real-world case studies. Rajesh M discussed innovative pedagogical approaches, including the use of technology in classrooms to enhance student engagement and learning outcomes. Vivek V M emphasized project-based learning and how to design curriculum activities that promote critical thinking and problem-solving skills. Balaji Srinivasamurthy provided insights into assessment and evaluation techniques that align with NEP 2020, ensuring a comprehensive understanding of student progress. Prof. Ajay Kr Singh and Prof. Payal Mago also graced the occasion with their presence. The FDP was convened by Prof. Monika Bansal.

FACULTY AS EDITOR/REVIEWER IN JOURNALS

Faculty	Designation	Journal	Time Period
Dr. Varnika Bhatia	Reviewer	Functional and Integrative Genomics	2024
	Reviewer	BMC Biotechnology	2024
	Reviewer	Journal of Nanobiotechnology	2024
Prof. Manoj Saxena	Associate Editor	IEEE Access https://ieeeaccess.ieee.org/editorial-leadership/associate-editors/	

	Member Editorial Board	International Journal of High-Speed Electronics and Systems, ISSN (print): 0129-1564 https://www.worldscientific.com/page/ijhses/editorial-board	
	Associate Editor Nanoelectronics	Frontiers in Nanotechnology	
	Editorial Board Member	Scientific Reports	
	Reviewer	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	
	Reviewer	IEEE Journal of the Electron Devices Society	
	Reviewer	IETE Journal of Research	

RESOURCE PERSON/ INVITED SPEAKER

Prof. Manoj Saxena

- July 21, 2024 – Technical Talk on *Fundamental Insights into Channel and Gate Engineered Double Gate Junction-Less Transistor* in One Week Faculty Development Programme (FDP) on “Advanced Electronic Materials, Devices and Systems” from 19th to 24th July 2024 in virtual mode, AIU-Academic and Administrative Development Centre (AADC), Berhampur University, Bhanja Vihar, Berhampur-760007, Odisha, India.
- October 14, 2024 – *Importance of Semiconductor Mission and National Quantum Mission for India's Startup Ecosystem* in Talk Series with Alumni organized by Alumni Committee and Department of Electronics, Rajdhani College, University of Delhi.
- August 08, 2024 – *Tunnel Field Effect Transistor A viable option for Ultra-Sensitive Biosensing application* in 2024 Mini-Colloquium (MQ) on "Semiconductor Emerging Technologies-SET" organized by IEEE EDS SRM Student Branch Chapter.
- August 09, 2024 - *75 Years of Transistor Invention - Conventional BJT to Novel GaN HEMT Designs* in IEEE-EDS Student Branch Chapter, Indian Institute of Information Technology, Design and Manufacturing (IIITDM),Kancheepuram.
- October 04, 2024 – *Artificial Intelligence: Transformative Effect on the Semiconductor Industry* in two-day hands-on workshop titled "Exploring Advanced Functionality of Electronic Instruments for Testing and Measurement" held during October 3rd and 4th, 2024 organized by The Department of Instrumentation at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.
- October 09, 2024 – *Artificial Intelligence: Transformative Effect on the Semiconductor Industry* organized by Department of Electronics & Communication Engineering,

Faculty of Technology (Kanad Bhavan), University of Delhi, Delhi – 110007 and IEEE EDS Delhi Chapter.

- October 23, 2024 – *Fundamental Insights into Channel and Gate Engineered Double Gate Junction-Less Transistor* during Six-day PDP on Research Opportunities in Semiconductor Materials and Devices (ROSMD-24) jointly organized by IIITDM Kancheepuram and SRM Institute of Science and Technology, Chennai.
- October 29, 2024 – *Fundamental Insights into Channel and Gate Engineered Double-Gate Junction-Less Transistor* organized by IEEE EDS (Electron Devices Society) Student Chapter, Anil Neerukonda Institute of Technology & Sciences, Visakhapatnam, Andhra Pradesh, India-531 162.
- **Session Chair:** Technical Session in DELCON-2024-An official Flagship Conference of IEEE Delhi Section held during November 21-23, 2024, at Bharati Vidyapeeth Institute of Computer Applications and Management (BVICAM), New Delhi.

Dr. Rashmi Gupta

- **Resource Person:** Hands-on Session in the Workshop on *Network Flows* organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held on February 25, 2025.
- **Resource Person:** Hands-on Session in the Workshop on *Basics of Excel* organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held on February 25, 2025.
- **Resource Person:** Hands-on Session in the Workshop on *Numerical Analysis* organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held on February 24, 2025.
- **Resource Person:** Hands-on Session in the Workshop on *Basics of Mathematica* Organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held on February 24, 2025.
- **Resource Person:** Hands-on Session in National Workshop on *Python Programming and its Applications* organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held during 18-20 September 2024.

Dr. Neha

- **Resource Person:** Two days Hands-on Workshop on *Regulated Power Supply* under the aegis of Turyojas – The Science Festival and DBT Star College Scheme at Deen Dayal Upadhyaya College, University of Delhi, on February 27-28. 2025

Mr. Naveen Kumar

- **Resource Person:** Two days Hands-on Workshop on *555 Timer and 741 Opamp IC* under the aegis of Turyojas – The Science Festival and DBT Star College Scheme at Deen Dayal Upadhyaya College, University of Delhi, on February 27-28. 2025

Dr. Sandeep Kumar

- **Resource Person:** Two-days Hands-on Workshop on *Techniques in Plant Sciences* under the aegis of Turyojas – The Science Festival and DBT Star College Scheme at Deen Dayal Upadhyaya College, University of Delhi, on February 27-28. 2025
- **Resource Person:** Two days Hands-on Workshop on *Fundamentals of Plant Tissue Culture* organized by the Department of Botany, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme during April 12 – 13, 2024

Dr. Shikha Prasad

- **Resource Person:** Two-days Hands-on Workshop on *Techniques in Plant Sciences* under the aegis of Turyojas – The science Festival and DBT Star College Scheme at Deen Dayal Upadhyaya College, University of Delhi, on February 27-28. 2025

Dr. Tenzen Notup

- **Resource Person:** *Palynology in Everyday Life and Synthetic Seeds* organized by Department of Botany, Deen Dayal Upadhyaya College during February 27-28. 2025

Dr. Dolly Kain

- **Resource Person:** Two-Day National Hands-on Workshop on *Techniques in Plant Sciences*, conducted under the aegis of Turyojas: The Science Festival and the DBT Star College Scheme, Deen Dayal Upadhyaya College, University of Delhi on February 27-28, 2025

Dr. Shipra Goyal

- **Resource Person:** Two-day National Hands-on Workshop on *Techniques in Plant Sciences* conducted during February 27 – 28, 2025 by the Department of Botany, Deen Dayal Upadhyay College.

Dr. Tarachand Prajapati

- **Resource Person:** Hands-on Session in the Workshop on *Network Flows* organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held on February 25, 2025.
- **Resource Person:** Hands-on Session in the Workshop on *Basics of Excel* organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held on February 25, 2025.

- **Resource Person:** Hands-on Session in the Workshop on *Numerical Analysis* organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held on February 24, 2025.
- **Resource Person:** Hands-on Session in the Workshop on *Basics of Mathematica* Organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held on February 24, 2025.
- **Resource Person:** Hands-on Session in National Workshop on *Python Programming and its Applications* organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held during 18-20 September 2024.

Dr. Varnika Bhatia

- **Resource Person:** Hands-on-Training Workshop for UG/PG Students held under the aegis of International Science Fair-TURYOJAS 2025 on “National Science Day 2025” during February 27-28, 2025.
- **Session Chair:** International Conference on Innovations in Science and Technology: A Perspective of Viksit Bharat @2047 organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, university of Delhi and supported by National Academy of Sciences India, Allahabad- Delhi Chapter & IEEE Electron Device Society- Delhi Chapter on March 19-20, 2025.

Prof. Mahaveer

- **Resource Person:** Two-week Summer Research Internship Program on *Introduction to Chemistry Research, Advancement in Nano Science and Photochemistry* under the aegis of DBT star college scheme and Science foundation held on July 18-31, 2024

Dr. Chetna Angrish

- **Resource Person:** Two-week Summer Research Internship Program on *Introduction to Chemistry Research, Advancement in Nano Science and Photochemistry* under the aegis of DBT star college scheme and Science foundation held on July 18-31, 2024

Dr. Palvit Rudram

- **Resource Person:** Two-week Summer Research Internship Program on *Introduction to Chemistry Research, Advancement in Nano Science and Photochemistry* under the aegis of DBT star college scheme and Science foundation held on July 18-31, 2024

Dr. Meghna Aggarwal

- **Resource Person:** Webinar on *Unlocking Market Predictions Using Chart Patterns* organized by Maharaja Agrasen Institute of Management Studies, Department of Commerce, Delhi, India on February 19, 2025.

Dr. Sudhir Verma

- **Invited Speaker:** XXVI Biennial meeting of the *International Society of Eye Research (ISER)* at Buenos Aires, Argentina from October 20-24, 2024, to present research work titled 'Interplay between extracellular matrix and inflammation in aging murine lacrimal glands'
- **Resource Person:** 25th Annual meeting of the *International Ocular Surface Society (IOSS)* at Seattle, Washington, USA on May 4, 2024, titled 'Autoreactive CD4+T-cells cause Meibomian Gland Disease'.

Dr. Abhijeet Sinha

- **Session Chair:** Technical Session-VI on *Bibliometrics and Scientometrics* in the 70th Indian Library Association International Conference on Libraries and Artificial Intelligence: Empowering Users for Sustainable Knowledge System held at University of Agricultural Sciences, Raichur, Karnataka during March 20-22, 2025.

Prof. Radha Madhav Bharadwaj

- **Session Chair:** Technical Session II of the 4th International Conference on The Prayaga Mahakumbha-2025:- Historicity, Governance Commerce and Aspects organised by the Department of Social Sciences and Humanities in Deen Dayal Upadhyay College.

Prof. Veena Jain

- **Session Chair:** Technical Session on *Mathematical Modelling/ O.R/ Statistics – I* at the 4th International Conference on Recent Trends in Engineering, Technology, and Business Management (ICRTETBM 2025) presented by 25th International Business Horizon INBUSH ERA 2025, Amity University, from February 19 to February 21, 2025.

PARTICIPATION IN SEMINARS/ CONFERENCES/ WORKSHOPS/FDP/ SHORT-TERM COURSES

Prof. Arpita Sharma

- The International Conference of *Technology 4 Education (T4E 2024)* organized by the EdTech Society and hosted by IIT Gandhinagar, 6-8 December 2024

Dr. Jyoti

- *NEP 2020 Orientation & Sensitization Programme* under Malviya 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 from July 2 – 11, 2024.

- The International Conference on *Innovations in Science and Technology: A Perspective of Viksit Bharat @2047* organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, University of Delhi and supported by National Academy of Sciences India, Allahabad- Delhi Chapter & IEEE Electron Device Society- Delhi Chapter on March 19-20, 2025.

Dr. Meghna Aggarwal

- *NEP 2020 Orientation & Sensitization Programme* under Malviya 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 from July 2 – 11, 2024.
- The International Conference on *Innovations in Science and Technology: A Perspective of Viksit Bharat @2047* organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, University of Delhi and supported by National Academy of Sciences India, Allahabad- Delhi Chapter & IEEE Electron Device Society- Delhi Chapter on March 19-20, 2025.
- The 10th Annual International Conference on *Governance in Amrit Kaal*, jointly organized by Faculty of Commerce and Business, Delhi School of Economics in collaboration of Deen Dayal Upadhyaya College, University of Delhi, New Delhi during 6th and 7th January 2025.
- National Seminar on *Relevance of Pandit Deen Dayal Upadhyaya's Philosophy in Contemporary India* organized by Pandit Deen Dayal Upadhyaya Study Circle, National Democratic Teachers Front, University of Delhi in collaboration with Deen Dayal Upadhyaya College, University of Delhi on 10th April 2024.

Dr. Neha

- The International Conference on *Innovations in Science and Technology: A Perspective of Viksit Bharat @2047* organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, University of Delhi and supported by National Academy of Sciences India, Allahabad- Delhi Chapter & IEEE Electron Device Society- Delhi Chapter on March 19-20, 2025.

Dr. Rakesh Kumar

- The 10th Annual International Conference on *Governance in Amrit Kaal*, jointly organized by Faculty of Commerce and Business, Delhi School of Economics in collaboration of Deen Dayal Upadhyaya College, University of Delhi, New Delhi during January 6-7, 2025.

Dr. Renu Solanki

- *NEP 2020 Orientation & Sensitization Programme* under Malviya 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 from July 2 – 11, 2024.

Dr. Shikha Prasad

- Participated in National Conference on *Urban Waste Management and Sustainable Solutions* at Department of Botany, University of Delhi, North Campus, on March 3 – 4, 2025

Dr. Tenzen Notup

- One week Faculty Development Programme on *Environmental Sustainability and Disaster Risk Reduction* organized by National Institute of Disaster Management, SED India on March 4 – 9, 2024 at Swami Shraddhanand College, University of Delhi.

Prof. Manoj Saxena

- Technical Session in *DELCON-2024*, an official Flagship Conference of IEEE Delhi Section held during November 21-23, 2024 at Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi.

Dr. Rashmi Gupta

- NEP 2020 Orientation & Sensitization Programme under Malviya 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 from July 2 – 11, 2024.
- The International Conference on *Innovations in Science and Technology: A Perspective of Viksit Bharat @2047* organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, University of Delhi and supported by National Academy of Sciences India, Allahabad- Delhi Chapter & IEEE Electron Device Society- Delhi Chapter on March 19-20, 2025.

Dr. Veena Jain

- The 4th International Conference on *Recent Trends in Engineering, Technology, and Business Management (ICRTETBM 2025)* presented by 25th International Business Horizon INBUSH ERA 2025, Amity University, from February 19 – 21, 2025.

Dr. Savita Gahlot

- National Webinar-Part I on *Role of Women Scientists towards Science and Society*; a webinar series organized by Department of Physics, Kalindi College, in collaboration with NASI Delhi Chapter on January 25, 2025.

Dr. Tarachand Prajapati

- *NEP 2020 Orientation & Sensitization Programme* under Malviya 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 from July 2 – 11, 2024.

- The International Conference on *Innovations in Science and Technology: A Perspective of Viksit Bharat @2047* organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, University of Delhi and supported by National Academy of Sciences India, Allahabad- Delhi Chapter & IEEE Electron Device Society- Delhi Chapter on March 19-20, 2025.

Dr. Varnika Bhatia

- *Vigyanika* conducted on January 18 – 19, 2024 as a part of 9th India International Science Festival 2023 organized by Government of India's Ministry of Science & Technology, Ministry of Earth Sciences, Department of Space, Department of Atomic Energy and Government of Haryana in association with Vijnana Bharati (VIBHA) at Faridabad, Haryana.
- One Week International Online Faculty Development Programme on *Revolutionizing Agriculture: Novel Perspectives on Technological Innovation* organized by Department of Botany, Hansraj College in collaboration with MH-MMTTC, Hansraj College, University of Delhi, Delhi from April 1 – 6, 2024.
- The International Conference on *Innovations in Science and Technology: A Perspective of Viksit Bharat @2047* organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, University of Delhi and supported by National Academy of Sciences India, Allahabad- Delhi Chapter & IEEE Electron Device Society- Delhi Chapter on March 19-20, 2025.
- National Seminar on *Relevance of Pandit Deen Dayal Upadhyaya's Philosophy in Contemporary India* organized by Pandit Deen Dayal Upadhyaya Study Circle, National Democratic Teachers Front, University of Delhi in collaboration with Deen Dayal Upadhyaya College, University of Delhi on April 10, 2024.
- 5th Plant Proteomics Workshop entitled *Nano-proteomics Workshop: Training Workforce for Sustainable and Self-resilient Crop Production* at Department of Botany, University of Delhi, Delhi on 24th-30th December, 2024.

Mr. Vikas Kumar

- 4th International Conference on *The Prayaga Mahakumbha-2025 and other Religious Festivals in India: Historicity, Governance, Commerce and Aspects* March 3-4, 2025, Deen Dayal Upadhyaya College, University of Delhi.

Mr. Deepak Mittal

- International Conference on *Indigenous Knowledge Systems and Sustainable Development* which was held on March 9 – 10, 2025

- *National Council of Educational Research and Training* which was held on July 20–21, 2024 at NCERT Campus, New Delhi

Dr. Sandeep Kumar

- The International Conference on *Innovations in Science and Technology: A Perspective of Viksit Bharat @2047* organized by Science Foundation under the aegis of DBT Star College Status Scheme, Deen Dayal Upadhyaya College, University of Delhi and supported by National Academy of Sciences India, Allahabad- Delhi Chapter & IEEE Electron Device Society- Delhi Chapter on March 19-20, 2025.

Dr. Sudhir Verma

- Annual Meeting of *The Association for Research in Vision and Ophthalmology (ARVO)*-2024 at Seattle, Washington, USA from May 05-09, 2024
- XXVI Biennial Meeting of the *International Society of Eye Research (ISER)* at Buenos Aires, Argentina from October 20-24, 2024
- 25th Annual Meeting of the *International Ocular Surface Society (IOSS)* at Seattle, Washington, USA on May 4, 2024.

PUBLICATIONS:

	Research Publication	DOI
1.	Agarwal C., Mishra A. and Dubey G., (2024). A novel gray-scale image watermarking framework using harmony search algorithm optimization of multiple scaling factors. <i>Multimedia Tools and Applications</i> , Vol. 83 (8), pp. 21801–21822.	https://doi.org/10.1007/s11042-023-15533-4 .
2.	Aggarwal M., Kumar P., Gupta S. and Mishra R., (2024). Impact Assessment of NEP and IPR on Institutes of Higher Education. <i>Journal of Intellectual Property Rights</i> , Vol. 29 (2), pp. 120–126.	https://doi.org/10.56042/jipr.v29i2.758 .
3.	Ahmad T., Jindal K., Tomar M. and Jha P.K., (2024). Enhanced electro-optic properties by Ca substitution in SBN60 thin films grown by pulsed laser deposition technique. <i>Optical Materials</i> , Vol. 157, pp. 116364.	https://doi.org/10.1016/j.optmat.2024.116364
4.	Anand A., Narang R., Rawal D.S., Mishra M., Saxena M. and Gupta M., (2024). Impact of Graded AlGaN Buffer Layer Thickness on the DC, RF, Linearity, Intermodulation and Off-State Breakdown Characteristics of AlGaN Channel HEMT. <i>IETE Technical Review</i> , Vol. 41 (5), pp. 602–611.	https://doi.org/10.1080/02564602.2024.2315628
5.	Anand A., Narang R., Rawal D.S., Mishra M. and Saxena M., Gupta M., (2024). Optimization of 150 nm GaN HEMT for Ku-band applications using field plate	https://doi.org/10.1016/j.micrna.2024.207773

	engineering. <i>Micro and Nanostructures</i> , Vol. 188, pp. 207773.	
6.	Arora A., Gupta R. and Saxena R.R., (2024). A technique to solve Transshipment Problem with Asymmetric Pentagonal Fuzzy Numbers. <i>RAIRO - Operations Research</i> , Vol. 58 (4), pp. 3487–3499.	https://doi.org/10.1051/r/o/2024012
7.	Belwanshi V., Sehra K., Aryan, Dixit A., Kasturi P. and Saxena M., (2024). “Degradation Mechanism of Piezoresistive Sensors Under the Influence of γ -Ray Irradiation” <i>IEEE Sensors Journal</i> , Vol. 24 (23), pp. 38740–38747.	https://doi.org/10.1109/JSEN.2024.3467103
8.	Bhatnagar S. and Kumari R., (2024). Floral biology, pollination biology, and breeding mechanisms reveal challenges to the restoration of <i>Buchanania lanzan</i> , a vulnerable plant species. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , Vol. 311, pp. 152448.	https://doi.org/10.1016/j.flora.2024.152448
9.	Bhatnagar S., Kumari R. And Kaur I., (2024). Seaweed and a biocontrol agent and their effects on the growth and production of <i>Brassica juncea</i> : a sustainable approach. <i>World Journal of Microbiology and Biotechnology</i> , Vol. 40 (1), pp. 16.	https://doi.org/10.1007/s11274-023-03835-6
10.	Bhatt V., Singh M.K., Agrawal A. and Jha P.K., Bhattacharjee A.B., (2024). “Controllable nonlinear effects in a hybrid magnonical semiconductor microcavity” <i>Journal of the Optical Society of America B: Optical Physics</i> , Vol. 41 (5), pp. 1187–1196.	https://doi.org/10.1364/JOSAB.519406
11.	Bhatt V., Yadav S. and Jha P.K., Bhattacharjee A.B., (2024). Optical Properties of SAW-Driven Optomechanical Nanostructure. <i>International Journal of Theoretical Physics</i> , Vol. 63 (10), Article ID: 276.	https://doi.org/10.1007/s10773-024-05809-2
12.	Chanchal N., Jindal K., Tomar M. and Jha P.K., (2024). A Self-Selector and Self-Rectifying Charge-Trap-Based Resistive Switching Device Using In_2Se_3 Thin Films. <i>ACS Applied Electronic Materials</i> , Vol. 6 (5), pp. 3742–3753.	https://doi.org/10.1021/acsaelm.4c00386
13.	Chanchal, Faisal M., Laishram R., Sharmila, Kapoor S., Lohani J., Rawal D.S. and Saxena M., (2024). Ohmic contacts to n-type SiC: Influence of Au and Ta intermediate layers. <i>Microelectronics Journal</i> , Vol. 151, pp. 106361.	https://doi.org/10.1016/j.mejo.2024.106361
14.	Chanchal, Kumari V., Rawal D.S. and Saxena M., (2024). Investigating single-event effects in recess gate GaN/AlN p-channel HEMTs for radiation-hardened application. <i>Journal of Computational Electronics</i> , Vol. 23 (6), pp. 1337–1344.	https://doi.org/10.1007/s10825-024-02216-y
15.	Chanchal, Singh J.P., Jindal K., Tomar M. and Jha P.K., (2024). A novel photoelectrochemical based water splitting and uric acid biosensing using PLD	https://doi.org/10.1016/j.electacta.2024.144933

	grown In ₂ Se ₃ thin films. <i>Electrochimica Acta</i> , Vol. 505, Article No. 144933.	
16.	Dagar V.S., Mishra M., Sharma A., Sankar M., Goyal S., Pal R. and Kumar S., (2024). Ascertaining variations in the activity of larval midgut enzymes of <i>Helicoverpa armigera</i> by dietary emamectin benzoate through biochemical and in silico docking study. <i>Chemosphere</i> , Vol. 359, Article No. 142288.	https://doi.org/10.1016/j.chemosphere.2024.142288
17.	Genwa M., Singh J., Rani A., Yadav K. and Angrish C., (2024). Photochemical Reaction Made Simpler for Undergraduate Laboratory. <i>Journal of Chemical Education</i> , Vol. 101 (2), pp. 669–674.	https://doi.org/10.1021/acs.jchemed.3c01012
18.	Gupta A. and Jain D., (2024). Some Positive Thoughts about Negative Absolute Temperature. <i>Resonance</i> , Vol. 29 (3), pp. 361–373.	https://doi.org/10.1007/s12045-024-0361-5
19.	Gupta A. and Jain D., (2024). Unveiling the Impact of Degeneracy in an Isolated Two-Level System: An Undergraduate Problem. <i>Physics Educator</i> , Vol. 6 (4), Article ID: 2450014.	https://doi.org/10.1142/S2661339524500148
20.	Infas Malik C. and Jain H.C., (2024). How Do Masstige Marketing and Country of Origin Impact Consumers in an Emerging Market? An Investigation. <i>Indian Journal of Marketing</i> , Vol. 54 (11), pp. 26–42.	https://doi.org/10.17010/ijom/2024/v54/i11/174629
21.	Jain V., Sahay R.R., and Nupur, (2024). Multi-verse metaheuristic and deep learning approach for portfolio selection with higher moments. <i>International Journal of System Assurance Engineering and Management</i> , Vol. 15 (5), pp. 1956–1970.	https://doi.org/10.1007/s13198-023-02218-2
22.	Kalra C., Bansal M., Mahaur C., Peter S. and Kaur A., (2024). Analyzing Strategies for Climate Resilience: An ISM MICMAC Approach with a Focus on Sustainable Development. <i>International Journal of Experimental Research and Review</i> , Vol. 41, pp. 195–205.	https://doi.org/10.52756/ijerr.2024.v41spl.016
23.	Khurana M., Upasana, Saxena M. and Gupta M., (2024). TCAD based investigation of junctionless phototransistor for UVC radiation detection. <i>Optics and Laser Technology</i> , Vol. 172, pp. 110486.	https://doi.org/10.1016/j.optlastec.2023.110486
24.	Kumar P., Parveen, Raj N., Kumar M., Fakhri K.U., Kumar S., Khan A.A., Alanazi A.M., Solanki R., Harsha, Manzoor N. and Kapur M.K., (2024). Natural products from <i>Streptomyces</i> spp. as potential inhibitors of the major factors (holoRdRp and nsp13) for SARS-CoV-2 replication: an <i>in silico</i> approach. <i>Archives of Microbiology</i> , Vol. 206 (2).	https://doi.org/10.1007/s00203-023-03820-5
25.	Kumar R., (2024). Economic growth, structural changes and employment linkages in India. <i>Review of Economics and Political Science</i> , Vol. 9 (4), pp. 346–357.	https://doi.org/10.1108/REPS-07-2022-0051

26.	Kumar S., Kubba R., Agasti N., Selvaraj A. and Kumar A., (2024). Potassium tert-butoxide promoted a direct one-pot synthesis of nitriles from aldehydes at room temperature. <i>Journal of Chemical Sciences</i> , Vol. 136 (2), pp. 39.	https://doi.org/10.1007/s12039-024-02282-6
27.	Kumar Singh M., Mahajan S., Bhatt V., Yadav S., Jha P.K., and Bhattacharjee A.B., (2024). Tunable bistability, optomechanical and magnomechanically induced transparency in opto-magnomechanical system. <i>Journal of Applied Physics</i> , Vol. 136 (21), Article No. 214401.	https://doi.org/10.1063/5.0229979
28.	Kumari M., Jindal K., Munjal S., Tomar M. and Jha P.K., (2024). Analog resistive switching behavior in BiCoO ₃ thin film” <i>Solid-State Electronics</i> , Vol. 212, Article No. 108831.	https://doi.org/10.1016/j.sse.2023.108831
29.	Kumari V., Pavan Y.P., Gupta M. and Saxena M., (2024). Exploring linearity & radiation characteristics in Slant Field Plate MISHEMT (SFP-MISHEMT). <i>Materials Science and Engineering: B</i> , Vol. 307, pp. 117489.	https://doi.org/10.1016/j.mseb.2024.117489
30.	Kumari V., Saxena M., and Gupta M., (2024). RF Performance Augmentation Using DG-InAlN/GaN HEMT. <i>IEEE Transactions on Electron Devices</i> , Vol. 71 (9), pp. 5289–5295.	https://doi.org/10.1109/TED.2024.3430251
31.	Mehra V., Ahmad T., Agrawal A., Jha P.K., Nautiyal A. and Semalty P.D., (2024). First-principles study on the structural, elastic, electronic, optical and thermophysical properties of NaNO ₃ and K-doped NaNO ₃ . <i>Physica Scripta</i> , Vol. 99 (6), Article ID: 65973.	https://doi.org/10.1088/1402-4896/ad48e7
32.	Mishra A., Bansal M. and Sharma A., (2024). Video watermarking of live streamed MPEG-4 frames using ELM-Fuzzy-PSO hybrid scheme. <i>Multimedia Tools and Applications</i> , Vol. 83 (14), pp. 41997–42035.	https://doi.org/10.1007/s11042-023-16994-3
33.	Mishra R., Kavita, Rajpal A., Bhatia V., Rajpal S., Agarwal M. and Kumar N., (2024). I-LDD: an interpretable leaf disease detector. <i>Soft Computing</i> , Vol. 28 (3), pp. 2517–2533.	https://doi.org/10.1007/s00500-023-08512-2
34.	Mondal M., Vohra M., Sangwan J., Verma S., Coulson-Thomas V.J., Chandru A., Bhowmick T., Sangwan V.S., Acharya M. and Tiwari A., (2024). In vitro Assay to Examine the Function of Tears on Corneal Epithelial Cells” <i>Bio-protocol</i> , Vol. 14 (1), Article No. e4910.	https://doi.org/10.21769/BioProtoc.4910
35.	Pant G. and Pant S.K., (2024). Study of solutions of certain kind of non-linear differential equations. <i>Indian Journal of Pure and Applied Mathematics</i> , Vol. 55 (2), pp. 671–683.	https://doi.org/10.1007/s13226-023-00398-y
36.	Rajpal A., Kumar S., Sharma N.K., Abraham A., Mishra A. and Kumar N., (2024). CXRmark: A	https://doi.org/10.1007/s00034-023-02491-3

	Watermarking Scheme for Chest X-Rays Using Online Sequential Reduced Kernel ELM. <i>Circuits, Systems, and Signal Processing</i> , Vol. 43 (2), pp. 965–993.	
37.	Rajpal A., Mishra R., Rajpal S., Kavita, Bhatia V. and Kumar N., (2024). Explaining deep learning-based leaf disease identification. <i>Soft Computing</i> , Vol. 28 (20), pp. 12299–12322.	https://doi.org/10.1007/s00500-024-09939-x
38.	Sarraf M., Janeeshma E., Arif N., Yadav V., Zahra N., Bouzroud S., Mirmazloun I., Yadi R. and Hasanuzzaman M., (2024). Biochar for the Mitigation of Metal/Metalloid Stress in Plants. <i>Journal of Plant Growth Regulation</i> , Vol. 43 (10), pp. 3303–3319.	https://doi.org/10.1007/s00344-024-11335-6
39.	Sehra K., Chanchal, Malik A., Kumari V., Gupta M., Mishra M., Rawal D.S. and Saxena M., (2024). On the Single-Event Burnout Performance of a GaN HEMT with Sunken Source-Connected Field Plate Architecture. <i>IEEE Transactions on Electron Devices</i> , Vol. 71 (7), pp. 4072–4078.	https://doi.org/10.1109/TEDE.2024.3396781
40.	Sharma A., Mishra M., Samal R.R., Dagar V.S., Kumar M., Shukla A. and Kumar S., (2024). Influence of <i>Cassia occidentalis</i> leaf and stem extracts on the life parameters of <i>Aedes aegypti</i> (Linnaeus, 1762). <i>Journal of Applied and Natural Science</i> , Vol. 16 (2), pp. 752–761.	https://doi.org/10.31018/jans.v16i2.5642
41.	Singh A.K., Kumar D., Gemmati D., Ellur R.K., Singh A., Tisato V., Dwivedi D.K., Singh S.K., Kumar K., Khan N.A. and Singh A.V., (2024). Investigating Genetic Diversity and Population Structure in Rice Breeding from Association Mapping of 116 Accessions Using 64 Polymorphic SSR Markers” <i>Crops</i> , Vol. 4 (2), pp. 180–194.	https://doi.org/10.3390/crops4020014
42.	Singh T., Bhattacharya M., Mavi A.K., Gulati A., Rakesh, Sharma N.K., Gaur S. and Kumar U., (2024). Immunogenicity of cancer cells: An overview. <i>Cellular Signalling</i> , Vol. 113, pp. 110952.	https://doi.org/10.1016/j.cellsig.2023.110952
43.	Singh Y., Tripathi S.N., Pandey P., Tripathi A., Arif N., Yadav V., Gaur S., and Chauhan D.K., (2024). Comparative physiological and anatomical responses of <i>Tagetes erecta</i> L. and <i>Zinnia elegans</i> Jacq. seedlings to AgNO ₃ and ZnSO ₄ metals and their nanoparticles. <i>Industrial Crops and Products</i> , Vol. 212, pp. 118378.	https://doi.org/10.1016/j.indcrop.2024.118378
44.	Verma S., Moreno I.Y., Gesteira T.F. and Coulson-Thomas V.J. (2024). Toxicity of nuclear-localized GFP in reporter mice. <i>Scientific Reports</i> , Vol. 14 (1), Article ID: 24642.	https://doi.org/10.1038/s41598-024-75741-2
45.	Verma S., Moreno I.Y., Prinholato da Silva C., Sun M., Cheng X., Gesteira T.F. and Coulson-Thomas V.J., (2024). Endogenous TSG-6 modulates corneal	https://doi.org/10.1016/j.jtos.2023.12.007

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46.	Yadav S., Bhatt V., Bhattacharjee A.B., and Jha P.K. (2024). Optical response properties and bipartite entanglement in a hybrid optomechanical system assisted by Kerr-nonlinearity and amplitude modulated drive field. <i>Journal of Optics (United Kingdom)</i> , Vol. 26 (4), pp. 45402.	https://doi.org/10.1088/2040-8986/ad2b03
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48.	Chaudhary G., Kumar M., Sehrawat A.R., Kumar S. and Tripathi S., (2024). Optimization for nutritional fortification of wheat–millet composite flour mixture by response surface methodology. <i>Journal of Applied Biology & Biotechnology</i> , Vol. 12 (5), pp. 204–215.	https://doi.org/10.7324/JABB.2024.120527
49.	Devi R.S., Dhal P.B., Tripathi S. and Bhadouria R. (2024). Sustainable practices and circular economy approach for the valorization of medicinal and aromatic plants (MAPs). <i>The Journal of Plant Science Research</i> , Vol. 40 (2), pp. 309–316. (UGC, Peer Reviewed)	https://shorturl.at/SkN11
	Review papers	
50.	Bhadouria R., Tripathi S., Singh P., Singh R. and Singh H.P. (2024). Preface. In: <i>Organic Micro Pollutants in Aquatic and Terrestrial Environments</i> , pp. 5–8.	https://shorturl.at/1jXHr
51.	Agarwal C., Mishra A. and Dubey G. (2024). Correction to: A novel gray-scale image watermarking framework using harmony search algorithm optimization of multiple scaling factors. <i>Multimedia Tools and Applications</i> , 83(8), p. 21823.	https://doi.org/10.1007/s11042-024-18292-y
52.	Jamir I., Ezung L.Y., Merry L., Tikendra L., Devi R.S., Nongdam P., 2024. Heavy Metals Clean Up: The Application of Fungi for Biosorption. <i>Geomicrobiology Journal</i> , 41(3), pp. 201–212.	https://doi.org/10.1080/01490451.2024.2307899
53.	Bidyananda N., Jamir I., Nowakowska K., Varte V., Vendrame W.A., Devi R.S., Nongdam P., 2024. Plant Genetic Diversity Studies: Insights from DNA Marker Analyses. <i>International Journal of Plant Biology</i> , 15(3), pp. 607–640.	https://doi.org/10.3390/ijpb15030046
	Short Review	
54.	Chawla, U., Dahiya, D., Kumar, Y., Bala, A., Genwa, M., Agasti, N., and Meena, P. L. (2024). A review on ZnO-based targeted Drug Delivery System. <i>Letters in Drug Design & Discovery</i> , 21(3), 397-420.	DOI: https://doi.org/10.2174/1570180820666230222092950
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