

DEEN DAYAL UPADHYAYA COLLEGE
ANNUAL REPORT 2023-24



COLLEGE ACHIEVEMENTS

The college achieved the distinction of being ranked 14th in science colleges, 18th all over India 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.

The college has been selected under **DBT Star College** Status Program (2022 – 2025) and has been sanctioned Rs.1,61,87,340/- vide sanctioned DBT Star College Letter, Ministry of Science Technology, Department of Biotechnology, Government of India via Letter No. HRD-11012/5/2022-HRD-DBT.

Three new ICT Facilities, namely: ICT Skill Development Centre, ICT Centre (Mathematics) and High-Speed Data Computing Centre were inaugurated on the occasion of Founders Day, September 25, 2023 by eminent guests Prof. Yogesh Singh, Honorable Vice Chancellor of University of Delhi and Dr. Sudhanshu Trivedi, National Spokesperson Bhartiya Janta Party. The three new skill enhancement labs include 5 workstations, 2 High-end servers and 345 desktops. It is also equipped with a DSLR camera and an interactive panel for video conferencing.

All the staff members of the college were provided with **130 latest and fully equipped laptops**.

To create a legacy of our college a **College Kulgeet** was composed by Shri Gajendra Solanki and was released on the Founders Day of the college.

DISTINCTIVE ACHIEVEMENTS

❖ FACULTY AWARDS

Dr Lalit Kumar received the Valley of Words (VoW) Book Award in December 2023 from the respected Ramesh Pokhriyal Nishank in Dehradun for his translation of 'The Bride: The Maithili Classic Kanyadan'.

Prof Ravinder Kaur awarded 'Women Education leader of the Year' by International Institute of Influencers, at IISA 2023, Nation Building Carnival held on 29th July 2023 at Dubai.

Prof. P. K. Jha received "Active Researcher Grant for Publication" from Deen Dayal Upadhyaya College, University of Delhi vide letter No. DDUC.2023-24/R. Project/1476 dt 21.3.2024.

Prof Manoj Saxena received "Active Researcher Grant for Publication" from Deen Dayal Upadhyaya College, University of Delhi vide letter No. DDUC.2023-24/R. Project/1475 dt 21.3.2024.

Dr. Nityanand Agasti received "Active Researcher Grant for Publication" from Deen Dayal Upadhyaya College, University of Delhi vide letter No. DDUC.2023-24/R. Project/1474 dt 21.3.2024.

❖ STUDENT AWARDS

The **Best Student Award** for the year **2023-24** was given by the college to the following students:

S.No.	Name of the Student	Course	Roll No.	Category
1	Yash Sehrawat	B.A. (P)	21BAP9455	Humanities
2	Pragya Goyanka	B.M.S.	21BMS0338	Commerece/BMS
3	Shradha Singh	B.Sc. Physical Sc. (Chemistry)	21PHS6130	Science

❖ STUDENT ACHIEVERS

S.No.	Description	Name of Students and Class
1	Secured highest CGPA of 9.514 in the University and has received the University medal.	Archita Jain, BMS batch of 2023
2	Secured 3rd Position at the All-India Inter-University Baseball (Men) Tournament	Sumit Tomar, B. A. (H) English III rd year Priksht, B.Sc (H) Computer Sc. III rd year
3	Secured National Rank 3 EY CAFTA CC 2023 (July 2023)	Yashvardhan Harlalka, BMS II nd year Utkarsh Rathore, BMS II nd year
4	Secured National Rank 3 EY CAFTA CC Mega Edition (November 2023)	Nabh Garg, BMS III rd year Anuj Pahuja, BMS III rd year
5	Winners from among 1500 registrations at SRCC Stratathon, University of Delhi	Utkarsh Rathore, BMS II nd year Prapti Gupta, B. Com (H) II nd year Bani Narang, B. Com (H) II nd year
6	National Winners from 1300 registrations at Brandwarz '24, IIM Trichy	Saurav Maulekhi, BMS I st year Anmol Bajaj, BMS I st year Raghav Dheer, BMS I st year Bani Narang, B. Com (H) II nd year
7	National Runner Up team from among 1200 registrations at Consulting Czar '24, IIM Trichy	Saurav Maulekhi, BMS I st year Anmol Bajaj, BMS I st year Raghav Dheer, BMS I st year Suparsh Jain, BMS I st year

8	National Finalists from among 25000 registrations at Kirit 4.0, Kirloskar Institute of Management	Yashvardhan Harlalka, BMS II nd year Nabh Garg, BMS III rd year Anuj Pahuja, BMS III rd year
9	Runners Up from among 800 registrations at ThinkTank, Masters' Union	Yashvardhan Harlalka, BMS II nd year Naman Gehlot, BMS I st year Raghav Agarwal, BMS I st year Rudra Pandey, BMS I st year
10	Winners from among 1800 registrations at Shri Ram Investment Competition, D-Street	Mohammed Danish, BMS I st year Kanak Yadav, BMS I st year Suparsh Jain, BMS I st year
11	Runner Up from among 1600 registrations at Just Case It '24, Hindu College, University of Delhi	Utkarsh Rathore, BMS II nd year Saurav Maulekhi, BMS I st year Anmol Bajaj, BMS I st year Raghav Dheer, BMS I st year
12	Second Runner Up from among 350 registrations at Enigma '24, MDI, Gurugram	Khushi Gupta, B. Sc. Mathematical Sc. I st year
13	Runners Up from among 200 registrations at XAVION '23, JMC, University of Delhi	Diya Garg, BMS II nd year Saksham Arora, BMS II nd year Kavya Goel, BMS II nd year
14	Best Team at Vaktavya '23 (Annual Debate), SGGC College, University of Delhi	Raghav Dheer, BMS I st year Saurav Maulekhi, BMS I st year
15	National Winners from among 400 registrations at Jinzai '24, IIM Vishakhapatnam	Hitesh Goyal, BMS II nd year Sameer Khan, BMS II nd year
16	Second Runners Up at Cassette '23, SGGSC College, University of Delhi	Navedh Agarwal, BMS II nd year Aryan Suri, BMS II nd year Dev Mahajan, B. Com (H) II nd year
17	Winners from among 650 Gordian Knot, Hansraj College, University of Delhi	Vikalp Kallani, B. Com (H) I st year
18	II nd Position at Charcoal Sketching Competition. Pizzazz, AIIMS, New Delhi I st Position at Shoe painting Competition, Rendezvous, IIT Delhi	Jyotsna, B.A. English (H) III rd year
19	Presented a research paper titled- 'Fair is foul, and foul is fair: Machiavelli Retribution and Subjugation of Fortuna' at Faculty of Arts, University of Delhi for The Shakespeare Society of India	Prashmita, B.A. English (H) II nd year
20	III rd position at Viran: Indian Art Competition at Hansraj College, University of Delhi I st position at Sehar'24: Utsav e-sanskriti, Indian Classical Choir, SGGSCC, University of Delhi	Sia, B.A. English (H) I st year
21	Secured 2 nd Position at the 1 st North Zone National Cestoball, Championship	Kriti Sethi, BMS II nd year

NATIONAL/INTERNATIONAL MOUS SIGNED

1. Memorandum of Understanding (MoU) for Institutional Collaboration between Deen Dayal Upadhyaya College (University of Delhi) and CSIR–Central Engineering Electronics Research Institute (CSIR-CEERI) was signed on September 08, 2020 to encourage the development of the following exchange programs based on their respective academic and educational needs. Still continues.
2. PhiXgen Pvt. Ltd signed a MoU with the college on May 03, 2019 for strengthening Bioinformatic skills. The MoU still exists.
3. NIELIT Delhi Centre, Ministry of Electronics and IT, Government of India has signed a MoU with college on April 25, 2024 to run specialized and economical online and offline training programs which can be joined by a student of B. Sc./ B. Tech. / M. Sc. Courses in Electronics or Computer Sciences.

FOREIGN LANGUAGE CENTER

During the academic year 2023-24, the college offered part-time Certificate Courses in five foreign languages 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 (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 91 students were admitted to the language courses for the academic year 2023-24. The college allotted special classrooms with full multimedia facility with separate rooms for all courses. The classes were held from 7 - 9 a.m. The experienced teaching faculty members recommended by the University of Delhi were Mr. Vikram Choudhary for Spanish; Ms. Komal Kalia for German; Ms. Maitree Chatterjee

NCWEB CHAPTER

The college has been running a NCWEB-Centre since 2017. More than 1400 female students of the Delhi resident are enrolled in two courses viz., B.A.(P) and B.Com. Dr. Sunil Kumar, Associate Professor, Department of Commerce is the Teacher-in-Charge of the NCWEB-Centre. For the holistic development of the students, the NCWEB-Centre of the College organized various activities for the holistic development of the students during academic year 2023-24, as mentioned below:

- A Five-Days Workshop, “Empowering Women in Data Analytics” was organized by the Centre in association with Learning Links Foundation (LLF-NGO) as a part of Dell Technologies’ CSR-Fund Program and under the aegis of IQAC-DDUC College, from July 17-21, 2023. The key objective of the program to provide hands on session on Advance Excel and Power-BI. The trainer, Mr. Sushil Kumar from LLF-NGO took the sessions. In total, ninety-two students participated in the program from B.A.(P) and B. Com(P).
- A Five-Days Workshop on Tally with GST was organized from July 24 to 28, 2023. The objective of the program was to promote computer literacy among the students vis-à-vis skill development of computerized accounting. Sixty-four students of the NCWEB Centre successfully completed the training program. Dr. Deepti Gupta and Dr. Rashmi Aggarwal were the resource persons of the program.
- A motivational lecture in collaboration with Bhartiya Stree Shakti (BSS) was hosted featuring solo cyclist Miss Asha Malviya, on September 2, 2023. The event, held in the esteemed presence of Prof. Balaram Pani (Dean of Colleges), Prof. Geeta Bhatt (Director, NCWEB), and Dr. Jyothi Chauthaiwale (NEC Member, BSS).
- A three-day lecture series was organized on the occasion of *Hindi Diwas*, from 14– 16 September 2023. A poem recitation competition was also held on the same day. Dr. Rajni, Assistant Professor, Department of Hindi, Punjabi University Patiala was the Chief Guest of the Program
- The ICT Skill Development Centre of the College and DDUC NCWEB Centre, organized a special lecture on "Women in Science” STREAM Program" on November 4, 2023. The event aimed to highlight the challenges faced by women in STREAM fields. Prof. Geeta Bhatt (Director-NCWEB-DU), and Ms. Sapna Mongia (Vice-President of BD and GAM) shared their thoughts and insights on the evolving landscape for women in technology.
- On February 17, 2024, the Centre in association with Delhi Police (Dwarka) organized a Cyber Crime Awareness lecture to educate the public about cyber threats and protection against such crimes.
- A special workshop on Kathak (a classical dance form) was conducted by Guru Shri Dinesh Parihar at the Centre on 9th March 2024. The workshop focused history and significance of Kathak in teaching and practices in addition to techniques, expression, and Abhinaya involved therein.
- The Centre organized a Six-Day workshop on Self Defense under the title “Sashakti” conducted by the Delhi Police (Dwarka District) on working days in the month of March from 21-30, 2024. Daily two hours training was imparted to female students of the Centre by the trainer Ms. Poonam (HC) of Delhi Police.

INTERNAL QUALITY ASSURANCE CELL

Internal Quality Assurance Cell (IQAC), Deen Dayal Upadhyaya College organized the following programs during the year:

July 06, 2023: Training of ICICI Corporate Internet Banking (CIB) & i-Digipay portal/software for Zero Balance Subsidiary Account (ZBSA) Account - for "Deen Dayal Upadhyaya College - BRD Scheme

November 4, 2023: The first international online symposium on the theme “Climate resilient biotechnologies for wastewater treatment and reuse” was organised under the aegis of IQAC.

Eminent speakers from around the globe participated in the symposium and shared their views and research on the theme of the symposium:

- “Algal Biotechnology for Wastewater Treatment” Prof. Claudia Ciniglia, Università degli Studi della Campania "Luigi Vanvitelli", Italy;
- “Modelling Processes in Environmental Biotechnology” Dr. Artin Hatzikioseyan, National Technical University of Athens (NTUA), Athens, Greece;
- "Recovery of Water and Energy from Tannery Effluent"; Dr. S. V. Srinivasan, CSIR - Central Leather Research Institute, Chennai.
- "Climate Resilience and Environmental Sustainability: Water Resource Management through Engineering Advancements" Dr. V. C. Padmanaban, National Institute of Technology (NIT), Agartala.
- "Energy Utilization of Wastewater" Dr. Qian Hu, College of Environmental Science and Engineering, Beijing Forestry University, Beijing, P. R. China.
- “Biochar for Metal Treatment and Nutrient Recovery in Wastewater” Dr. Suchanya Wongrod, King Mongkut's University of Technology Thonburi (KMUTT), Bangkok, Thailand.
- “Assessment of Water Footprint and Cleaner Production Practices in the Textile Industry of Bangladesh” Dilruba Akter, Ministry of Environment, Forest, and Climate Change (MoEFCC), Dhaka, Bangladesh.
- "Influence of Process Parameters on Hydrothermal Carbonization Process" Omar Abdeldayem, IHE Delft Institute for Water Education, The Netherlands.
- “Review on Distribution, Toxicity and Enhanced Treatment of Organic UV Filters” Jiaji Sun, School of Energy and Environment, City University of Hong Kong (CityU), Hong Kong.

- “AD Advances in Innovative Energy Treatments: Harnessing the Potential of Biomethane Production from Wastewater, DF Process Effluents” Gennaro Trancone, Università degli Studi di Napoli Federico II, Italy.
- “Brewer’s Spent Grain Valorization through Gaseous Biofuels Production” Jacobo Perez-Barragan, Department of Environmental Technology, CIATEJ Guadalajara, Mexico.
- “Resilience after Long-term Starvation Process as Key Microbial Feature to Unveil Hub Dark Fermentation Communities” Juan Jose Rodriguez-Reyes, Department of Environmental Technology, CIATEJ Guadalajara, Mexico.
- “Coupling of Constructed Wetlands with Bio-electrochemical System for Enhanced Wastewater Treatment and Resource Recovery” Ashmita Patro, CSIR Institute of Minerals and Materials Technology, Odisha.
- “Do microplastics impact the treatment efficiency of pollutants in Constructed Wetlands?” Saurabh Dwivedi, CSIR Institute of Minerals and Materials Technology, Odisha.

The concluding remarks for the symposium were delivered by Dr. Eldon R. Rene, IHE Delft Institute of Water Education, The Netherlands.

March 19, 2024: International Symposium on Frontiers in Applied Science (IFSAS'24) was organized in association with the Science Foundation committee under the DBT Star College Scheme.

INDIAN INSTITUTE OF REMOTE SENSING

Students from the college have participated in the following Online training programs on various themes conducted by Indian Institute of Remote Sensing, ISRO, Dehradun:

June 5-9, 2023: ‘Applications of Machine learning in Urban Studies’

September 14-28, 2023: Overview of Space Technology (course in Hindi)

February 19-23, 2024: Geospatial Analysis using Google Earth Engine

DBT STAR COLLEGE

August 9-10, 2023: IEEE EDS Delhi Chapter (New Delhi, India), The National Academy of Sciences India – Delhi Chapter, New Delhi under the aegis of DBT Star College Status Program, Deen Dayal Upadhyaya College, University of Delhi organized Two Days Training Program on Wireless Sensor Network (WSN) and Internet of Things (IoT) - Open for UG (III

& IV year)/PG Students/Research Scholars. The instructors were from Eigen Technologies Pvt. Ltd. And they used Sensenuts which is a proprietary product of Eigen Technologies Pvt. Ltd., used in the research and study of wireless sensors networks. The attendees got hands-on experience to directly access the kits from the Internet, using a direct TCP/IP connection or a cloud server. 25 participants from Deen Dayal Upadhyaya College; Department of Electronic Science, South Campus, University of Delhi; Deshbandu College, University of Delhi; GLBITM Greater Noida; Hansraj College, University of Delhi; Keshav Mahavidyalaya, University of Delhi; Maharaja Agrasen College, University of Delhi; Shaheed Rajguru College of Applied Sciences for Women, University of Delhi; Sri Aurobindo College, University of Delhi and Sri Venkateswara College, University of Delhi attended the same.

August 24, 2023: Hari Krishna Garg delivered talk on iDream: Entrepreneurship & Innovation. He received BTech degree in electrical engineering from the Indian Institute of Technology (IIT), Delhi, MEng and PhD degrees from Concordia University, Montreal, PQ, Canada, and MBA degree from Syracuse University, Syracuse, NY, USA. Previously he was a faculty member of the Electrical and Computer Engineering Department at Syracuse University. Currently, he is with the National University of Singapore (NUS). His research and enterprise interests and passion encompass all things ‘wireless’.

October 17-19, 2023: Deen Dayal Upadhyaya College, University of Delhi (Under the aegis of DBT Star College Status Program); IEEE Electron Device Society-Delhi Chapter; The National Academy of Sciences India - Delhi Chapter Jointly Organized “Training Program on New Measurement Technologies & Simulation Techniques in Electronics”. Industry Expert from Keysight Technologies and Agmatel - Vishal Gupta, Solutions Engineering Segment Manager & Solutions Architect, Keysight Technologies, India; Bhavin Khanpara, Solutions Engineer, Keysight Technologies India Private Limited and Anand Kaushik, Application Engineer, Expert, Keysight Technologies International Ltd provided two days intensive training on RF/ μ W components measurement using Network Analyzer, DC IV-CV characterization and WBG device measurements, ADS Architecture, Schematics, Data Display, Layout: Power Divider, LNA & EM Cosimulation etc. 94 participants from ARSD College (University of Delhi) Bhaskaracharya College of Applied Sciences (University of Delhi), Deen Dayal Upadhyaya College (University of Delhi), Department of Electronic Science, University of Delhi South Campus, Department of physics and astrophysics (University of Delhi) , Department of Physics, J. C. Bose University of Science and Technology, YMCA, Faridabad,

Deshbandu College (University of Delhi), Guru Nanak Dev University, Amritsar, IGDTUW, IIT Delhi, Indian Institute of Technology Delhi, Indian Institute of technology Jammu, Indian Institute of Technology Mandi, Jamia Millia Islamia University, Jaypee Institute of Information Technology (Noida), NSUT, Rajdhani College (University of Delhi), Shaheed Rajguru College of Applied Sciences, (University of Delhi), Sri Venkateswara College (University of Delhi), SSPL (DRDO), University of Delhi, USIC&T, Guru Gobind Singh Indraprastha University and Zakir Husain Delhi College (University of Delhi) attended the training program.

October 31, 2023 to November 04, 2023: Science Foundation Committee & DBT Star College Program, Deen Dayal Upadhyaya College, University of Delhi (Under the aegis of DBT Star College Status Program); The National Academy of Sciences, India (NASI) – Delhi Chapter; IEEE Electron Device Society (EDS) – Delhi Chapter Jointly organized **Fourth Lecture Workshop on Women in Science: A Career in Science.**

- **October 31, 2023:** during the Physical Science and Engineering Science Session, Dr. Sunita Mishra, Chief Scientist, Materials Science and Sensor Applications (MSSA), CSIO-Chandigarh delivered talk on “Flexi electronics for next generation devices” followed by technical lecture on “5G be ready for the Future” by Rekha Jain, Group Leader, Cloud Infrastructure and core development, CDOT, Ministry of Information and Technology. During Mathematical Sciences Session, technical talk on “On a non-Archimedean analogue of Atkin-Serre conjecture” was delivered by Prof. Sanoli Gun, FASc, The Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai

November 01, 2023: during the Biological Science Session, technical talk on “Plant Genomics for Climate Resilient Crops” was delivered by Professor Paramjit Khurana, FNA, FASc, FNASc, FNAAS, FTWAS, J.C. Bose National Fellow, Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi followed by lecture on “Biocatalysis: Understanding Nature's catalysts” by Professor Anju Chadha, Chair Professor retd., Departments of Biotechnology and National Center for Catalysis Research, Department of Chemistry, IIT Madras and Senior Professor, Departments of Chemistry and Chemical Engineering, IIT Jammu. During Chemical Sciences Session technical lecture on “Protein Chemistry: A case study with Angiogenin” was delivered by Professor Swagata Dasgupta, FASc, Department of Chemistry, IIT Kharagpur followed by technical talk on “Multiple routes to tackling antimicrobial resistance” by Professor Nagasuma Chandra,

FASc, Department of Biochemistry, Indian Institute of Science, Bangalore delivered talk on *“Multiple routes to tackling antimicrobial resistance”*

November 02, 2023 during the Biological Sciences Session, technical talk on “The challenge of host-invader survival: relevance to infectious diseases” was delivered by Professor Chandrima Shaha, FTWAS, FNA, FASc, FNASc, JC Bose Chair Distinguished Professor, National Academy of Sciences, India, Indian Institute of Chemical Biology, Kolkata followed by technical lecture on “Candida glabrata: The odd human fungal pathogen with very little superpower” by Dr. Rupinder Kaur, FNASc, FASc, Centre for DNA Fingerprinting & Diagnostics, Hyderabad. The last talk was delivered by Dr. Subhra Chakraborty, FNA, FASc, FNASc, FNAAS, J C Bose National Fellow, Director, National Institute of Plant Genome Research, New Delhi. During Mathematical Science Session, Prof. Jaya Naganathan Iyer, FASc, FNASc, Professor H, Mathematics Group, The Institute of Mathematical Sciences, CIT, Campus, Chennai delivered talk on “Lefschetz theorem for smooth hypersurfaces in projective spaces”.

November 04, 2023 - Special Session with Non-Collegiate Women's Education Board (NCWEB) Students was organized in which the first technical lecture on “Electronic Waste- The Indispensable Fallout of Technology Advancement” was delivered by Professor Geeta Bhatt, Director, Non-Collegiate Women's Education Board, University of Delhi followed by technical talk on “Motivation for Women students to participate in STEAM and Business Management Programs” by Sapna Mongia, Vice President -BD and GAM, Consumer Devices Segment, FLEX, Flextronics International.

November 03, 2023 - Participants of the Training Program on Haemin and Haemochromogen Crystal Demonstration; Training Program on Understanding different model organisms used in Zoology with Special reference to Culturing and Maintenance of *Drosophila Melanogaster* and Training Program on extraction of Lipid from Food Samples

November 03, 2023 - Participants of the Workshop on Primer Designing for PCR Reaction; Training Program on Understanding different model organisms used in Zoology with Special reference to Culturing and Maintenance of *Drosophila Melanogaster* and Training Program on Blood Group Typing

In all 160 attendees from India, Nigeria, Australia and Thailand attended the Workshop. Apart from them nearly 1000+ students of DDU College and NCWEB-DDUC Chapter also attended (in-person) the same.

SCIENCE FOUNDATION

Activities related to Science Promotion, Science Outreach, awareness programs and academia-industry interface were organized and successfully culminated. Inter-disciplinary activities were promoted and appreciated by the stakeholders (students, faculty and school students called for the outreach programs).

September 20, 2023: A symposium on TREnds in Aptitude for Skill Development in Undergraduate Research (TREASURE) was organized in association with DBT Star Program under the aegis of National Academy of Sciences, Delhi and IEEE. The first lecture was delivered by Prof. Venu Gopal Achanta, a director at National Physical Laboratory, New Delhi on the topic 'Metamaterials' and their applications'. Dr. Achanta talked about metamaterials in detail followed by its use in optical filters, medical devices and their applications. The second lecture was delivered by Prof. Rita Singh, Professor and Chairperson, Department of Zoology, University of Delhi. Dr. Singh talked about 'Reproductive Hormones: Environmental Implications in cardiovascular and mental well-being. The lecture began with the information about PCOD/PCOS, how the brain reacts during the menstrual cycle, excess body weight in the women with PCOS followed by how the hormone estrogen influence the male brain development, estrogen exposure from oral contraceptive and their side effects like cancer, heart attack and their prevention. The third lecture was delivered by Dr. Debasisa Mohanty, Director at National Institute of Immunology, New Delhi. DR. Mohanty discussed 'Molecular Simulations to digital twins: how scientific computing is driving major advances in biology and medicine'. The lecture began with explaining basic terms like computation biology and bioinformatics, how the study of 3D structure of protein is useful in the advancement in science for drug and vaccine designing; followed by student interaction with the speakers in-person.

January 11, 2024: Students from the Department of Zoology visited National Institute of Immunology – a premier research institute of India, located at Aruna Asaf Ali Marg, Delhi. Nineteen students from B.Sc. (H) Zoology 1st year and seven students from B.Sc. (H) Zoology 3rd year visited the campus. The open day was organized on the theme of India's Vaccine Self-Reliance, and as an outreach initiative of India International Science Festival 2024. In the

morning session, welcome address was given by Dr. Debasisa Mohanty, Director NII followed by a public talk by Dr. Sekhar Mande, Former DG of CSIR, Honorary Distinguished Scientist at NCCS, National President of Vibha. He stressed on the need to promote and popularize Science among young people of India and gave an overview of the upcoming India International Science Festival 2024. The morning session continued with a public talk on “*Learn how vaccines work and success story of India’s vaccine self-reliance*” delivered by Dr. Nimesh Gupta, Chief of Vaccine Immunology Lab, NII. Through this informative talk, students understood the history of development of vaccines and their mechanism of action inside the human body, very deeply.

Various posters were displayed by the scientists and research scholars of NII on the latest research being done in their respective labs. Students visited the posters, interacted with the scientists and research scholars and got a chance to witness the latest research in various fields of immunology. Students could also gather information about various internship programs at NII and their suitability and scope for the programs. Posters were related to the latest viral disease outbreaks, immune system responses of human body, COVID-19 vaccine, DNA vaccines, RNA vaccines, purification of vaccines and their quality control.

Parallel to the poster session, there was an exhibition by the National Science Centre at Buland Darwaza, NII. Various exhibits developed by NSC were displayed viz. vortex stirrer, liquid painting, striker board, parabola, Pythagoras theorem, and many more that raised interest in the inquisitive student-mind.

Post-Lunch sessions of the open day included visit to various research and sophisticated equipment facilities at NII viz. Transmission electron microscopy facility, X-ray crystallography facility, FACS facility, COVID facility, NMR lab, Central instrument facility under the guidance of NII staff. Technicians explained in detail about the principle and working of various equipments with live demonstration of each instrument. The day concluded with the quiz competition, science-based games, and Science Trivia organized in the auditorium. Scientific enquiry- and knowledge-based questions were asked to the student audience seated in the auditorium. Students actively participated and could answer many questions successfully, competing with students from other colleges and institutes present there. The overall experience of the students was good, knowledge-enhancing and motivating.

February 28-29, 2024: Science Day was celebrated on the theme “Indigenous technologies for Viksit Bharat”; by Science Foundation Committee under the aegis of DBT Star College Program in association with Indraprastha Vigyan Bharati. Day-1 started with lamp lighting and

an inaugural address by convenor Dr. Priya Goel followed by the keynote lecture by Dr. Shikha Rastogi, Scientist, Innovation Protection Unit, Council of Scientific & Industrial Research (CSIR) on 'Indigenous Technologies' followed by talk on 'IPR and Environment' by Dr. Arun Kumar Maurya, Department of Botany, MultaniMal Modi College (CCS University), Meerut (U.P). A National level Quiz Theme 'Science & Technology' Pragyan by Department of Physics (coordinator; Dr. Kulvinder Singh) and 'Crafting Documents with Overleaf: A Hands-On Workshop' by Department of Computer Science (coordinators: Dr. Anuja Soni and Dr. Sujata Khatri) were also organized. Day-2 events included hands-on workshops on 'Learning UV-Visible Spectroscopy Through Green Experiments' and 'Development of Scientific Poster Making Skills': A Hands-on Workshop organized by Department of Chemistry (coordinator: Dr. Mahaveer Genwa). Fun with Science activities were also organized that included Science Housie, Sudoku Competition, Step into Spotlight and Auction – with Mathematical twist. The events witnessed a huge participation of faculty and around 500 students of the college.

March 19, 2024: International Symposium on Frontiers in Applied Sciences_ISFAS'24 was organised. The Keynote lecture 'Integrating Artificial Intelligence in Drug Discovery: Making New Medicines Faster and Smarter' was delivered by Prof. Gagan Dhawan, (IoE Fellow, University of Delhi), Registrar, Dean, International Affairs and Dean, School of Allied Medical Sciences, Delhi Skill and Entrepreneurship University, Delhi. Prof. Sonika Bhatnagar, Head, Department of Biological Sciences and Engineering, Netaji Subhas University of Technology (NSUT), Delhi discussed 'Machine Learning Approaches for Medicine and Biology'. Dr. Tushar Kumeria, Scientia Senior Lecturer, School of Materials Science and Engineering, University of New South Wales, Kensington, Sydney, NSW Australia talked about 'Porous Materials for Biomedical Applications'. Further sessions included 'Nanocatalysts for water remediation from toxic pollutants' by Dr. Vinod Kumar, Special Centre for Nanoscience, Jawaharlal Nehru University, New Delhi, Delhi; 'Fostering Excellence in Transformational Research, Innovation and Publication Ethics' by Dr. Bhagat Singh, Dept. of Medical Lab Technology, Faculty of Paramedical Sciences, Uttar Pradesh University of Medical Sciences, Uttar Pradesh, 'Electronic Properties of Organic Semiconducting Materials' by Dr. Praveen K. Budakoti, Cheminformatician, Deepmatter, Munich, Germany and 'Sorbent Technology for Water Remediation' by Prof. Ranu Nayak, Amity Institute of Nanotechnology, Amity University, Noida. Around 250 students of biological and chemical sciences attended the symposium in person and 200+ attended online. All the sessions were quite informative and aroused interest in the students' minds for taking up related research work in the future.

INSTITUTION'S INNOVATION COUNCIL, MoE

July 3, 2023: Webinar on - 'How to Plan for Startups- Legal and Ethical Steps' by Ms. Aparna Jain (Advocate and Co-Founder Knowledgentia consultants) and Mr. Ishan Berry (Senior Associate Knowledgentia Consultants)

July 5, 2023: Activity based session on- 'Problem Solving and Ideation Techniques' was organized and conducted by Prof. Ravinder Kaur (Innovation Ambassador)

July 10, 2023: Webinar on 'Intellectual Property Rights and IP Management for Start-ups' was conducted by Mr. Harinder Narvan [Founding Partner and Patent Attorney, Knowledgentia Consultants]

August 18, 2023: Session on 'An Insight into types of Innovation' was conducted by Dr. P. K. Bedi (Innovation ambassador)

August 21, 2023: Intra-College Quiz Competition was organized to celebrate World Entrepreneurs' Day, where students from different courses participated and three prizes were announced.

August 24, 2023: Session titled 'Nine Marketing Tips from Successful Entrepreneurs' was conducted by Ms. Deepti Sehgal Assistant Professor, Department of Commerce

August 26, 2023: Webinar on 'Lean Start-up and Minimum Viable Product' was conducted by Mr KarmjitSinh Bihola_(Founder, Innodesk Designation Services)

September 4, 2023: Webinar on 'Interacting with Innovation and Start-up Enabler' was conducted by Dr. Praveen, Cofounder and CEO of Be-Boss, Global Start-up Ecosystem.

Intra-College competition was organized on to choose teams for Smart India Hackathon. 10 teams participated out of which 5 were selected to participate in Smart India Hackathon. Selected problem statement titles included (a)Self-identifying the mental health status and get guidance for support; (b) Low—cost Myoelectric Prosthetic Arm; (c) Automatic drug dispenser hardware; (d) Automated Public Lighting; (e) Safer tools for Women safety

September 16, 2023: Interactive session on 'Entrepreneurship in Microbiology' was conducted by Dr Prateek Kumar, Assistant Professor, Department of Zoology, University of Allahabad

September 17, 2023: Intercollege Quiz was organised on 'Entrepreneurship and Microbiology' and students from different colleges participated.

October 17, 2023: A motivational session on ‘Secret behind top 1% entrepreneurs’ was organized and the keynote Speaker was Mr Vikas Jain. On this occasion, the logo of the Entrepreneurship Cell was also revealed

November 1, 2023: Intra-College Quiz was organized to evaluate knowledge of students regarding Entrepreneurship and Business’ in which students from different courses participated

November 20, 2023: Session on ‘Crafting Entrepreneurship as Career’ was conducted by Mr. Muninder K. Anand, Managing Director, Centre for Creative Leadership, India and S. Asia.

December 11, 2023: Workshop on ‘Problem Solving and Ideation’ was conducted by Prof. Ravinder Kaur, Innovation Ambassador and Executive Officer, Udhmodya Foundation.

December 19, 2023: Workshop on ‘Skill, Attitude and Behaviour Development of Entrepreneur’ was conducted by Mr. Naveen Kumar, Innovation Ambassador.

February 21, 2023: Session titled ‘Insight into financial modelling for Startups’ was conducted by Dr. Deepak Sehgal, Associate Professor, Department of Commerce.

February 27, 2023: Session on-‘Design thinking and Entrepreneurship’ was conducted by Prof. Ravinder Kaur, Innovation Ambassador and Executive officer, Udhmodya Foundation.

February 29, 2023: A Session on “Achieving Problem Solution Fit and Product Market Fit” was conducted by Dr Chayannika Singh, Associate Professor, Department of Chemistry

March 6, 2023: Session on- ‘Story by Successful Innovator’ was organized where Dr. Utkarsh Sood, Assistant Professor, Department of Zoology, Kirorimal College was the resource person

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 a provision for a separate reading section for the faculty and spacious reading hall to accommodate students with total seating capacity for 300 people. To facilitate e-learning, it has a dedicated Computer Hub comprising of 20 computer systems including a network printer to access e-resources available through internet and other resource sharing network.

The library has been successfully undertaking automated operation since last 20 years using professional database software through network of client-server systems. The Library has recently moved on to web-based open source application software KOHA.

It has up-to-date bibliographic database of books and journals. The library has added 1248 volumes of books this year, making its total collection as 50,837 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 15 national newspapers. It has 613 bound volumes of journals/ periodicals and 850 CDs in its collection.

The entire collection is heavily used by the students and faculty with a total footfall of approximately 28170 visitors resulting into closed to 30,000 transactions. Interested students of the weaker sections were also issued books under book-bank facility comprising of 1632 volumes of books, benefitting around 277 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-ShodhSindhu and N-LIST.

The library provided User Orientation to the new batch of students as an when the fresher students arrived in the library through personal interaction.

- The library compiled one comprehensive issue of Bibliography comprising of new titles acquired during the FY April, 2023- March, 2024.
- It also compiled two issues of Table of Contents comprising of content pages of all the issues of magazines & journals subscribed in the library April - June, 2023 and July – December, 2023.
- The library subscribed to institutional membership of resource sharing network, 'DELNET' which augmented its print and e-collection as well as services.
- The library has membership of Sugamya Pustakalya whereby reading materials in the form of audio books etc. are made accessible to students belonging to PwBD Category.

The library organized a book exhibition, during 29th-30th November, 2023, in which as many as 10 prominent publishers and vendors participated. The event was participated by many students and faculty which also facilitated acquisition of relevant books in the library.

Question-papers of 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 uploaded on the Web page. Login-id for subscribed e-resources under N-LIST program through INFLIBNET-UGC and Remote login-id for access to e-resources subscribed by the Delhi University Library System were also provided to interested students and faculty members.

FOUNDER'S DAY

This year the Founder's Day and birth anniversary of Pt. Deendayal Upadhyay ji was celebrated in the college with much fanfare. Dr Sudhanshu Trivedi, National Spokesperson of Bhartiya Janta Party was the keynote speaker; Vice Chancellor Prof Yogesh Singh was the Chief guest; Dr Nand Kishor Garg was Guest of Honor and the event was presided by Prof S. K. Awasthi. During this program, three computer labs were inaugurated by our esteemed guests. All the speakers highlighted the importance of Bharat to become Vishwaguru by 2047 under the vision and guarantee of the Modi Government. They focused on the philosophy of Integral humanism as propounded by Pt Upadhyaya and how the present dispensation is tirelessly working towards this end. The importance of Indian traditional knowledge system and its applicability during present times was highlighted.

At the start of the program, '*Kulgeet*' of Deen Dayal Upadhyaya College was released and recited in the presence of our guests. On this occasion, the newly elected Student Union office bearers of the college were felicitated by our guests. The program ended with recitation of the National Anthem.

KALRAV' 24

Kalrav, the annual cultural festival is a kaleidoscope of culture which ignites the senses. This year Kalrav was scheduled between April 18-20. The festival was inaugurated in the presence of dignitaries and faculty members. The occasion was graced by the presence of the esteemed Chief Guest, Shri. Anil Gupta who is a renowned Chartered Accountant & Social worker and Prof. Anoop Lather, Chairman, Cultural Council, University of Delhi. In his opening remarks,

Shri Anil Gupta highlighted the significance of celebrating cultural heritage and fostering community connections. The festival was inaugurated with the ceremonial lighting of lamp.

The highlights of Day 1 included COSMONOX, the Band Night; TARANA, the annual literature festival of Kalamkaar (slam poetry) and a graphics workshop by Mr. Arnav Das And Mr. Sunny; Polaroid, the photography and filmmaking society conducted their Film making competition; Rhapsody, the music society held a western acapella competition and western solo singing competition; Enactus conducted a sustainable B-Plan Competition; Raaga, the Western Dance Society conducted a western group dance competition; Fin-S, the finance society conducted a quiz competition and the Oracle Offer, a case study event on mergers and acquisitions; Women development cell conducted a poster making competition on the theme “Celebrating Women's Bodies”; Yavanika, the Theatre society presented a street play also known as "Nukkad natak" ; while Sangyaan, The Quizzing Society conducted three Quiz competitions.

The highpoint of Day-2 was ASTRONOX: STAR NIGHT when the audience was swept away by the soulful melodies of Akhil Sachdeva. From chart-topping hits to intimate acoustic renditions, the students experienced the magic of Akhil's voice as he took them on a musical journey like no other. The day was dotted with events like Rhapsody organising Indian group singing and Indian solo singing competition; the Equal Opportunity Cell hosted *Melting Point 2.0 “YAHA HAM PIGHAL GAYA”* the standup comedy competition with the well-known stand-up comedian Ankit Israni; Women Development cell presented *Strategen* which was a case study competition and Expressions — a theme based competition in the form of dance, theatre and fashion show; Fin-S, the finance society hosted a game of human sized monopoly; ESCAPADE, the Adventure Society organised the red light and green light game, Tug of war and Arm wrestling; Kalamkaar, the literary society conducted a tattoo making competition with Mr Tony Singh and Ms Aditi Naithani of Hawk Tattoo as the judges; Sangyaan, The Quizzing Society conducted three quizzes- BizTech quiz, Pop Culture Filler Quiz and India Quiz; Polaroid, the photography society presented a Photo Story competition; Raaga, the dance society the western solo dance competition; Yavanika, the Theatre Society presented a monologue competition; and Enactus, had set up stalls of the following kind: foods, games, clothes etc.

Day-3 saw fun and frolic at MYTHNOX, the DJ NIGHT with De Unknown as the star for the night, controlling the mix of music and beats; Kalamkaar, the literary society hosted a monologue competition- Ethopoeia and a Hindi Workshop — led by Himani Usha Tripathi; MARKONIC, the Marketing society presented Markcase— a case study competition; Rhapsody, the Music society conducted *Battle of Bands* a spirited competition among different bands across various colleges of Delhi; Yavanika, the Theatre society presented the annual stage play competition *Prastuti* with a total of 27 impressive entries; Vivekananda Study Circle put up an exhibition about Swami Vivekananda's life; Women development cell conducted a treasure hunt— ShEo Scavenger Quest; and the North East Cell presented a cultural performance with the folk dances from India's north eastern states.

ALUMNI COMMITTEE

A central Alumni Meet of the College followed by respective Department Alumni meet was organised on Sunday, the 25th February, 2024 at the college premises. Witnessing the presence of Alumni across batches and disciplines, faculty members and office staff together and reminiscing the old days made the Day a memorable one. The former Principal Dr S.K. Garg and present Principal emphasised and requested Alumni to continue to have a strong bond and the need for giving back to their alma mater during their address. Some of the junior and senior alumni took turns to share anecdotes and experiences during their stint at the college. The event went to a close by the live song performance by one of the 1998 batch BA FT alumni, poem recital by Eng Hons student and mesmerizing performance by our Music Society Rhapsody and Dance Society Raaga. One of the highlight features of the event was the Photo Booth set up in front of Auditorium with a facility to get a print out of one photo with friends from the ICT centre of the college. All of them really loved capturing the moment, the Booth and clicked the pictures. To keep this memory forever intact, A Photo Frame-a reminiscence was gifted to each one of them as token of love.

COLLEGE CAREER AND PLACEMENT CELL

The academic year 2023-24 witnessed active participation from many renowned companies across various sectors in the placement sessions. It is worth mentioning that these companies represent a diverse range of sectors, including IT, finance, consulting, science, and more. The session was interlaced with a plethora of activities like pre-placement talks, workshops,

assessments, mock-interviews, and final job offers. This year students showcased their skills and competencies, and secured lucrative job offers. The highest package offered was between Rs. 22-23 LPA by D.E. Shaw. The rate of placement was pegged at 20 per cent.

Thirty-one-prominent recruiters included companies like Accenture, DeltaX, PlanetSpark, Learning Routes, RSA Acturial Services, Code Young, Candor Capital, Willis Tower Watson, PWC UK, Bajaj Capital, EasyDesq, Hike Education, Corizo, Deloitte, Intellipaat, Teachnook, Mckinley Rice, Dalooopa, Yamada Consulting, Realty Smartz, Kinesso, Zomato, Radiant Tech Solutions, Chegg, Siya Consulting Group, Piramal, RNF Technologies, Z1 Tech, Homiwise-Plan Realty Consulting, Visiontek Engineers Services Pvt Ltd, Planify Capital, Infollion Research Services Ltd, Air India, D. E. Shaw, Bajaj Allianz Life Insurance, Clairvortex, IndiaFirst Life Insurance, Lilypad Tech, Gainers India.

Besides the placement drives, the cell was also instrumental in organizing career counseling, and personality development sessions. These sessions were conducted by professionals who shared their experiences and industry practices. The students honed their interpersonal skills along with getting acquainted with the required skill set. Industry experts delivered insightful talks, shedding light on current trends and career pathways. Networking events connected students with potential employers, fostering valuable connections. Internship fairs provided opportunities for practical experience, while career counseling sessions guided students toward fulfilling career choices. Renowned companies such as Physics Wallah and KPMG led insightful sessions, enriching students with industry insights and career opportunities. These engagements provided invaluable exposure, empowering students to navigate their career paths effectively. As collaborations with more esteemed entities are underway, the department remains committed to fostering holistic development and ensuring students are well-prepared for the dynamic professional landscape. The sessions held included:

September 4, 2023: Seminar on ‘CV Building’ by Ms. Nisha Pal, Founding Team member at Quantel.in

October 6, 2023: Session on ‘Strategies to ace UPSC exams’ by Mr Harpreet S Kukreja from PhysicsWallah, an engineer and Ex-officer Indian Navy, CAPF- BSF

November 24, 2023: Session on ‘How to ace job interviews’ by Jasneet Kaur Bhalla who is a Corporate Trainer

December 7, 2023: Seminar on Finance program Ms Varsha Dhandhanian Associate Director and CFO Advisor at KPMG and Mr Arun Babbar, Associate Director, KPMG Learning Services

February 13, 2024: Session on the theme 'Crack UPSC' by Mr Madhu Prabhakar, General Secretary, Madhav Shastri Nyas and Mr Ankur Aggarwal, Academic Director, Samkalp IAS

February 15, 2024: Session on the theme 'Global careers after graduation' by Mr Jitin Chawla, Founder and Director, Career Development Centre

March 16, 2024: Online session on the theme 'Mastering the interview' by Sandeep Sen, Head, Communications, Vedica Scholars

STUDENTS ACTIVITY BOARD REPORT 2023-24

ADVENTURE CLUB

February 2 – 7, 2024: Adventure Club (Intrepid 4.0) organized a *four-day and five-night tour to Himachal Pradesh (Jibhi-Tirthan Valley, Kasol, Manikaran)*. The first two days at Jibhi included lot of activities like snow trekking, visit to Jibhi waterfall and mini-Thailand. On the way to kasol, the students enjoyed the rafting and paragliding in Bhuntar (District Kullu, H.P.). everyone visited Manikaran Gurudwara and Shiva Temple in Manikaran which were adjacent to each other. It was a memorable experience to enjoy the natural spring of hot water in Gurudwara and Shiva temple in the bone chilling weather. In the evening, students did a lot of shopping in Kasol market and enjoyed the delicacies there. The entire journey was a unique experience picturesque views of beautiful mountains, snowfall, delicious food and adventure filled activities.

AMBEDKAR STUDY CIRCLE

April 13, 2024: Ambedkar Studies and Research Centre (ASRC), Deen Dayal Upadhyaya College celebrated the 133rd birth anniversary of Dr. B. R. Ambedkar. The eminent speakers, Dr. Deshraj, social activist and Prof. P.K. Atul, Principal Scientist, ICMR along with Dr. Urmila, Ex Addl. Secretary, UGC shared their thoughts on *Bodhisatva Baba Saheb Dr. B.R. Ambedkar: Nation, Philosophy, Education and Society*. A volume of twenty books by Dr. Ambedkar Foundation on *Dr. Babasaheb Ambedkar Writing and Speeches* were also inaugurated. It was followed by Quiz and Debate Competition for the students. Overall, it was an enriching experience for the students.

DATA ANALYTICS CLUB

October 6, 2023: A *Panel Discussion* was conducted on *Navigating the Future: Career Paths and Challenges in Data Science, Machine Learning and Artificial Intelligence*. The panellists, Kuruvilla Abraham (Senior Scientist, TCS), Sakshi Gujral (Consultant Decision Sciences, Concentrix), and Avni Kalia (Senior Data Scientist, American Express) helped the students recognise the potential of data analysis/data science as a career, along with providing them a proper blueprint to follow.

DHARITRI – THE ECO CLUB

February 15-18, 2024: An *E-poster Making Competition* was held with the theme *Uniting for a Sustainable World* to raise awareness about sustainability and a sustainable world.

February 29, 2024: Recognizing the pressing need for awareness and action, the Environment Studies Department at Deen Dayal Upadhyaya College, in collaboration with Dharitri - The Eco Club, orchestrated a transformative *Eco Talk* on *E-waste Awareness* with Mr. Nipun

Kaushik, a lawyer by education and an environmentalist at heart. Mr. Kaushik delved into the depths of e-waste, shedding light on its impact on our environment and the urgent need for responsible disposal. With a blend of facts, anecdotes, and a sprinkle of humour, Mr. Kaushik painted a stark picture of the e-waste crisis. He highlighted the staggering statistics of electronic devices discarded annually, their toxic components leaching into our soil and water, poisoning the very lifeblood of our planet. He spoke passionately about the importance of recycling, of giving new life to our old electronics, and of the transformative power of individual actions.

February 29, 2024: An unforgettable *Conservation Talk* with the revered Nest Man of India, Mr. Rakesh Khatri was hosted who gave a clear message to the audience – the time for action is now. Each one of us, he emphasized, holds within our hands the power to effect change, to weave a tapestry of conservation that spans generations. The talk was not just an event; it was a call to arms, a rallying cry for a greener, more sustainable tomorrow.

February 29, 2024: *Nest Making Workshop* with Mr. Rakesh Khatri was organized under whose gentle guidance the students of Deen Dayal Upadhyaya College took up the mantle of guardianship for their avian neighbours. With nimble fingers and hearts brimming with enthusiasm, each student embarked on a journey to craft their own avian abodes. The room buzzed with the rustle of leaves, the snap of twigs, and the quiet hum of concentration as nests took shape, woven with care and dedication.

ENACTUS

September 4, 2023: *Ecofusion: Sponsorship Drive* was conducted to raise funds and awareness about our cause. It involved reaching out to potential sponsors, showcasing the benefits of supporting Enactus, and building long term partnerships. The members managed to secure fantastic sponsors and got in-kind sponsorships like discount coupons and energy drinks.

September 5, 2023: Enactus DDUC organised its orientation programme which was followed by *Ecofusion - On-the-Spot Sustainable Project Idea Building Competition*, where every team had to choose 3 SDGs to target by their project and present the idea in a 40 seconds elevator pitch. The event saw participation from 13 teams (about 60 students).

October 18, 2023: *Project Kalariddhih: Market Survey* was undertaken to gain valuable insights into the preferences and demands within the offline jewellery market. With collective responses, the survey delved into various aspects of jewellery preferences, including styles, materials, and favouritism. The data so gathered is crucial for analysing the market and making smart decisions.

October 31, 2023: Under *Project Kalariddhih*, two new products were introduced, *Beaded Bracelets* and *Canvas* made from papier mâché as a decorative item, that added a sustainable factor to the project.

November 8, 2023: A project exhibition and fun game stalls on the occasion of Diwali was organized. *Project Kalariddhih Stall*- The stall provided a platform for skilled artisans to showcase their talents, and for the patrons to contribute to a meaningful cause with their purchases. *Project Mehsoos Stall*- Spreading happiness and positivity, engaging game stalls were set up under Project Mehsoos namely, Anonymous Boxes, Drop It Right, Tic Tac Toe with

bottle flip, Break the Pyramid game, Twister. The stalls observed a great audience and engagement, proving to be a successful event with the sales of approximately Rs. 4000.

November 10, 2023: *Project Khushboo: Market Survey* was conducted that aimed to explore innovative avenues of scented candles and essential oils. A total of approximately 70-80 participants actively contributed to the survey, providing valuable perspectives on preferences related to fragrances, candle designs, and the incorporation of natural elements.

November 19, 2023: Under *Project Khushboo* experimentation was done under the *essential oil product line*. The main objective of the experimentation was to create good blends of essence to go with the essential oils and scented candles. Rose, Jasmine & Orange were the primary flavour options for this experimentation. After experimentation, the juniors were asked to work on the process and try to perfect a prototype.

February 6, 2024: A seminar on *Social Anxiety and its Triggers* was organized under *Project Mehsoos*. The seminar was conducted by our guest speaker Dr. R.K. Suri, an accomplished Clinical Psychologist. The event was a success in promoting awareness on mental health and providing help to the students.

February 10, 2024: *Sourcing and Research Drive* was conducted that aimed at conducting market research and procuring required raw materials for the production. Enactus DDUC visited Turkman gate to carry out market research and purchased different varieties of raw materials including beads, strings, loops, etc. to make the products under Project Kalariddhih.

February 15, 2024: The members organized a *Plantation Drive* followed by a *Nature Therapy Session* on the college grounds. This initiative aimed to increase campus greenery and re-establish the members' connection with nature. The drive concluded on a spirited note with the members engaging in some fun games and activities.

February 17, 2024: *Project Kalariddhih* started with the small idea of providing employment to a community to make them generate a sustainable income through the means of making various handcrafted products. The drive aimed at meeting the women employed under the project.

February 24-25, 2024: *Production drive 1* under *Project Kalariddhih* was aimed at upskilling the women wherein, the Enactus team taught the community the skills required to make the products. The women employed were first taught how to make bracelets, earrings, phone charms and then they made the required products themselves. It helped women to acquire a new skillset to make handmade products.

March 10, 2024: *Production drive 2* under *Project Kalariddhih* was aimed to teach the women community how to make handmade canvas using papier mâché to be sold as home decor items in the market. The women community hand crafted these decorative pieces after learning the method.

March 13 and 15, 2024: *Product exhibition* stalls were set up at Janki Devi Memorial College, Sri Guru Gobind Singh College of Commerce and Shyam Lal College in the month of March. The stalls provided a platform to showcase our products and the efforts put in by the marginalized women. It allowed us to spread awareness about the project, its mission and

gather feedback on the same. We observed an overwhelming response at the stalls and clocked sales worth INR 5297 making them a huge success.

EQUAL OPPORTUNITY CELL

October 4, 2023: *Onam 2.0* was celebrated in collaboration with Dhvani, the Mallus of DDUC. Entry of King Mahabali excited and entertained the huge crowd. At the end of these outstanding performances, we departed from auditorium to ground for an exciting game, that is, Tug of War. Each and every team showed their skills and rocked the ground by their classy performance.

February 7, 2023: Screening of the movie *Sam Bahadur* was organized followed by an exciting *quiz competition*. Field Marshal Sam Manekshaw's exemplary leadership, integrity, and valour showcased in the movie left a profound impact on students, instilling values of courage, resilience, and strategic thinking.

June 24-25, 2023: The most awaited event of the year *Jeet Ka Junoon, 2023* was conducted for all the sports enthusiasts and admirers. It was truly an event that quenched the souls with an aura of mesmerising art forms and adrenaline filled sports events. With the association of the Samarpan Social Welfare Society, efforts to support people with disabilities and less-abled individuals was made possible.

Unlocking Doors to Opportunity, an offline seminar by Mr. Rajneesh Srivastava in partnership with Unacademy IAS, shared proven strategies to crack the UPSC exam. From practical advice to motivational boosts, the session left everyone buzzing with excitement and ready to tackle the challenges ahead.

GANDHI STUDY CIRCLE

Gandhi Study Circle of the college promotes Gandhian values and philosophy among students. During 2023-24, students were motivated to visit Rajghat, Gandhi Darshan and Smriti Samiti, New Delhi, where they witnessed documentaries and films on Mahatma Gandhi. Students also participated in different competitions like quiz and debate on Gandhi ji. They also visited Gandhi Bhawan, University of Delhi.

KALAMKAAR: THE LITERARY SOCIETY

September 13, 2023: To commemorate Hindi Diwas, an *Open Mic competition*, *Manchan* was organised with Mr. Manish Kumar as the guest speaker. He completed his master's from the University of Delhi and is an excellent poet and story writer in Hindi.

September 13, 2023: To commemorate Hindi Diwas, a *workshop* titled नई वाली ह॑द॑ी: ह॑द॑ी का प्रसार या ह॑द॑ी का व्यापार was organised. Mr. Manish Kumar, a prominent poet and story writer spoke on how the Hindi spoken today has impacted Hindi literature. A small guideline was also presented for those who wanted to pursue writing as a career actively.

September 20, 2023: The new batch of students at Kalamkaar got a fun welcome at the *orientation*. Different wings organised various activities and workshops to give freshers a deeper understanding of how Kalamkaar works as a society.

October 21, 2023: An *excursion trip* to the *National Gallery of Modern Art* was organized where the members explored the gallery's paintings. Using art as inspiration everyone came up with something new. This exercise helped the members bond and become better teammates/friends.

November 7, 2023: अर्द्धाज, a *Hindi Elocution competition* was organised where participants dressed up as their favourite poets and recited original shayari. They were judged based on creativity, delivery and also their costumes. The event was a fantastic showcase of creativity and a great way for students to connect over their love for Hindi literature.

November 7, 2023: *Spin the Yarn competition* was organised under Amber, the Fall Fest for the session 2023-24. It was an inter-college storytelling competition with participants competing in teams of three to four. Participants took turns in telling a story within a given time limit, with each member of the team adding one sentence to the story on their turn, the themes for which were chosen by drawing chits, all centred around Halloween. The successful event witnessed a fair amount of participation as well as a wonderful time for the attendees, organisers and the judges.

November 8, 2023: An *Art Therapy Workshop* was organised under Amber, the Fall Fest for the session 2023-24. The speaker Ms. Khwaish Sharma was an expert psychotherapist, who conducted a successful workshop that propagated the importance of art as therapy to the participants.

November 8, 2023: Under Amber, the Fall Fest for the session 2023-24, Kalamkaar organised *Grephyte, the Graphic Designing competition*. The competition gave students a platform to showcase their creative expertise with designing. The event was a successful culmination of creativity, learning experience and professional exposure.

January 19, 2024: A *Poster Making competition* was organised by Kalamkaar under Ram Utsav. The aim was to encourage students to spread awareness and interest in Ramayana through art and creativity.

April 8, 2024: A group of exemplary poets, including, Dr Ashok Batra, Sudeep Bhola, Arjun Sisodia, Priyanka Ray and Rohit Chaudhary, occupied the platform for Kavi Sammelan'24. The main objective behind organizing the Kavi Sammelan was to foster an appreciation for Hindi Poetry, promote linguistic skills and provide a platform for budding poets. The event not only promoted Hindi Literature but also allowed students to express their emotions, ideas and perspectives through poetry.

NATIONAL SERVICE SCHEME (NSS)

September 16 – 18, 2023: Members of the Breakthrough NGO conducted a *survey on Violence Against Women and Harassment of Women*. Additionally, they questioned the students on how they would handle and respond in similar situations.

September 20, 2023: A *Cleanliness Drive* was organized in collaboration with Bhumi Organization to increase awareness and address the problem of waste in our surroundings.

September 21, 2023: A *visit* to Arya Auditorium, New Delhi was orchestrated in collaboration with Breakthrough NGO wherein they learned about violence against gender and women, mental health of the millennials and how to deal with these problems and gain confidence to fight against violence.

September 23, 2023: The members of the core team observed the *NSS Day* and pledged to work diligently to reclaim and enhance the nation's freedom and integrity.

September 29, 2023: *Orientation* was organized for the young and interested individuals who wished to contribute to the society in some way or other.

October 10, 2023: *Nukkad Natak* was staged on *World Mental Health Day* to increase awareness about the anxiety and depression that students undergo due to family, societal, and peer pressure and how they deal with such issues.

October 14, 2023: The *recruitment* of students to the *Electoral Literacy Club* was made to promote electoral literacy in all age groups of the Indian citizens.

October 17, 2023: A *Sanitary Pad Distribution Drive* in collaboration with the NSS unit of Vivekanand College was organised at Bharti Vidhya Niketan School to spread awareness about menstrual hygiene among young girls.

October 20, 2023: In collaboration with Red Ribbon Club (RRC), an *awareness program* was organized on *Prevention of Fatty Liver by the Institute of Liver and Biliary Science* under *Project Smiles*. In addition to providing us with information on risk factors, dietary changes, and self-assessment with preventions, the session covered ways to prevent fatty liver in people between the ages of 18 and 25.

October 25, 2023: A *Gratitude Letter Writing* session was held that helped connect volunteers with their emotions. The activity came under the garb of Bhumi NGO's Daan Utsav events, which marked the spirit of Diwali.

October 27, 2023: A *Blood Donation Camp* preceded by a session on Blood Donation was arranged by our NSS unit and the Red Ribbon Club (RRC) in association with Blood Connect. Students were educated about how blood donation aids in lowering stress, enhancing mental stability, enhancing physical health, and assisting in the release of bad emotions.

October 31, 2023: *National Unity Day* was observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel, who was instrumental in bringing about India's political unification. NSS volunteers took a pledge to promote national harmony and raise consciousness of the value of maintaining unity.

October 31, 2023: A *Walkathon* was organized along with *Cleanliness Drive* around JJ Colony, Dwarka to help make the area a better place to reside. The cleanliness drive was a part of Bhumi NGO's Daan Utsav activities.

November 11, 2023: A *Donation Campaign* in collaboration with Bhoomi NGO was organized. The contributions included clothes, stationery, and books symbolizing the essence of benevolence and community support.

November 12, 2023: As part of Diwali celebrations, volunteers decorated their homes with rangolis symbolizing not just colours and patterns but also unity and beauty.

November 14, 2023: Volunteers celebrated *Childrens' Day* by contributing sweets to the underprivileged. It was a celebration of youth, friendliness, and generosity of spirit.

November 15, 2023: Embracing the rich cultural heritage, the volunteers showcased the essence of *Bhai Dooj* by extending the celebration beyond their own families portraying the brother sister bond.

November 30, 2023: Rashmin Pulekar, a renowned health coach affiliated with the Art of Living organization, led a thought-provoking session on *Mind Control* that delved into the complexities of managing one's thoughts and emotions to live a healthier and more balanced lifestyle. Rashmin Pulekar engaged the audience in an interactive discourse, providing practical tools to traverse the intricacies of the mind, drawing on her expertise in mindfulness and holistic wellness.

December 4 – 5, 2023: *In Hope: I Dare Divya Utsav* event was organized by the Office of the State Commissioner for Persons with Disabilities, the Department of Social Welfare, and the Directorate of Education, Government of Delhi, in partnership with the NSS unit of Maitreyi College to celebrate the spirit of inclusivity and empowerment by supporting those with disabilities on *World Disability Day*.

January 14, 2024: In collaboration with Team Dekodeyourself and Noble Work Foundation, the DDUC NSS unit conducted an instructive online webinar titled *Youth and Opportunities* under the banner of Viksit Bharat (Voice of Youth). The guest speakers were Dr. Nasreen, an ESIC Medical Officer under the Ministry of Labour and Employment, Government of India and Mr. Ashutosh Singh, the founder of the Young Thinkers Forum and a BHU alumnus.

January 22, 2024: *Deep Daan Utsav* was arranged under the Ram Utsav Mahaparva - Indian Cultural Renaissance celebration. In addition to illuminating our campus, the 5100 lamps that were lit during this ceremony will also help to propagate the ideas of prosperity, peace, and fraternity. Bhajan-kirtan, cultural events, and lamp lighting throughout the campus were all part of this initiative.

January 24, 2024: A webinar on *Stop Child Sexual Abuse—Posco Act* was organized in collaboration with SAKSHI—*The Rakshin Project* that seeks to prevent child sexual abuse and foster an accountable culture by addressing the stigma, shame, denial, and secrecy around gender-based violence.

January 25, 2024: The *Electoral Literacy Club* in collaboration with the National Service Scheme, held an online pledge with the theme *Nothing Like Voting, I Vote for sure*.

January 30, 2024: An *awareness session* in collaboration with Breakthrough NGO was organized to discuss *Gender-based Violence* and its various forms in detail. The volunteers resolved to combat gender-based violence.

February 6, 2024: In order to raise awareness about various forms of gender-based violence pervasive in the society, a *Nukkad Natak*, staged by the Sukhmanch Theatre Group, was organized in collaboration with Breakthrough Trust.

February 27, 2024: An *eminent talk* to address the pressing issue of *Gender-Based Violence* was organized in collaboration with Breakthrough Trust. The session featured renowned police officer SI Bharti Dahiya who provided priceless ideas, experiences, and tactics for combating gender-based violence.

March 4, 2024: A *pledge campaign* to tackle the urgent problem of *Gender-Based Violence* was organized in collaboration with Breakthrough Trust. Through this campaign, students—the future's leaders—came together to formally sign a declaration condemning all forms of gender-based violence.

March 6 and March 9, 2024: Four volunteers each from DDUC NSS unit visited the Venkateshwara Hospital in Sector 18 to donate blood respectively.

March 11, 2024: A *workshop on Gender-Based Violence Intervention Strategies* was conducted in collaboration with the Breakthrough Trust to investigate strategies for encouraging systemic change, challenge detrimental norms, and provide support to survivors through enlightening conversations and useful insights.

NORTH EAST CELL

February 14, 2024: *Saraswati Puja* was celebrated with great enthusiasm and reverence. This auspicious occasion marked the worship of Goddess Saraswati, the embodiment of knowledge, wisdom, and the arts. The event aimed to highlight the significance of Saraswati Puja and its cultural importance in our educational institution. The puja concluded with a soulful rendition of pushpanjali and aarti, bringing a serene closure. After that, prasada, including traditional Assamese offerings that included chana (chickpea), mung bean, coconut, salt, banana, apple, orange, dates, etc., fostered unity and gratitude among students, professors, and security personnel. In the evening, as a symbolic gesture, the Saraswati idol was placed in the college library, embodying knowledge within the academic space.

POLAROID: THE PHOTOGRAPHY AND FILM MAKING SOCIETY

August 20, 2023: The Photography Society embarked on a captivating *photo walk* to *Deer Park, Hauz Khas*, immersing themselves in the natural beauty and tranquil surroundings. The picturesque landscapes and diverse flora provided an ideal backdrop for creativity to flourish. Shutterbugs seized the opportunity to capture the elegance of deer gracefully roaming amidst historic ruins. As the golden hues of sunset bathed the park, photographers skilfully framed enchanting silhouettes. The vibrant exchange of ideas and techniques among members fostered a rich learning environment. This excursion not only enhanced technical skills but also

deepened appreciation for the art of photography, reinforcing the society's commitment to exploration and artistic expression.

September 19, 2023: An exciting and vibrant *orientation* event was hosted to welcome new members and kick off the academic year. The event aimed to introduce the society's goals, upcoming projects, and foster a sense of community among photography and filmmaking enthusiasts. The orientation featured various networking opportunities and fun activities, allowing members to connect on a personal level. Icebreaker games, creative workshops, and interactive sessions fostered a sense of belonging within the community.

October 15, 2023: The Photography Society embarked on an immersive journey through the enchanting *Sunder Nursery*, a blend of history and nature, creating an ideal canvas for artistic expression. The *photo walk* aimed to inspire creativity, refine technical skills, and foster a sense of camaraderie among members. The Bara Gumbad, Sunder Burj, and numerous other architectural marvels served as captivating subjects for creative framing.

November 24 – 25, 2023: The *Post-Production Workshop* unfolded as a transformative experience, shedding light on the intricate processes that breathe life into a film after the cameras stop rolling. Hosted at Conference Room, the event aimed to demystify the art of postproduction, bringing together budding filmmakers and industry experts. Attendees were introduced to the key stages, including editing, sound design, visual effects, colour grading, and the seamless integration of these elements to enhance storytelling.

November 25, 2023 – January 8, 2024: A *Filmmaking Workshop* post which they did a hands-on filmmaking session where the members shot and produced a music video titled *Notebook*. Shot in the college premises, the video was directed and shot by Ananta, acted by Krish Kohli and Esha Gogar and edited by Pramod Kumawat. The story revolves around the theme of love and loss. It intertwines two parallel timelines and depicts the emotions in a subtle and meek manner. Post production involved sound designing (song used: Baarish by Darshan Rawal), colour grading, trimming & transitions, VFX and typography.

December 2, 2023: The members of the society embarked on an exhilarating journey through the lens at the historic *Yamuna Ghat* in Delhi that aimed to blend the artistic vision of budding photographers and filmmakers with the picturesque backdrop of one of Delhi's oldest riverfronts. Polaroid's Photo Walk at Yamuna Ghat, Delhi, was not merely an event but a journey of exploration, learning, and creativity. Amidst the ancient relics and flowing waters of the Yamuna, budding photographers and filmmakers found inspiration, camaraderie, and a renewed passion for their craft.

January 1, 2024: The much-anticipated *calendar for the year 2024* was unveiled much-anticipated calendar for the year 2024. The heart of the calendar lies in the stunning photographs contributed by the society's talented members. The images showcase a diverse range of styles, subjects, and techniques, reflecting the multifaceted nature of the society's creative community. From breathtaking landscapes to intimate portraits, each photograph tells a unique story, capturing moments frozen in time by the keen eyes of the members. The blend of academic and creative pursuits showcased in the calendar resonated well with the faculty, reinforcing the society's role in enhancing the overall college experience.

January 22, 2024: A captivating *photography competition* was organized on the auspicious occasion of Ram Utsav, creating a visual celebration that captured the essence of the festive spirit. The competition featured a variety of themes related to Ram Utsav, encouraging participants to delve into traditional rituals, vibrant processions, intricate decorations, and the emotional expressions of devotion. The diverse themes provided photographers with the freedom to showcase their unique perspectives on the festival.

February 2, 2024: A *workshop on Light Painting and Long Exposure Photography* was conducted at India Gate, one of the iconic landmarks in New Delhi, India. Led by experienced photographers, the workshop provided attendees with practical knowledge and hands-on experience in capturing stunning light-painted images against the backdrop of India Gate.

February 9, 2024: A comprehensive *Product Photography Workshop* for the members of FDS (Fictional Design Studio) was organized that aimed to enhance the participants' skills in capturing high-quality product images and optimizing them for various marketing channels. The combination of theoretical learning, practical demonstrations, and hands-on practice created a well-rounded educational experience.

February 9, 2024: *The Void*, annual magazine of Polaroid, was printed showcasing the dedication and talent of our society members. In summary, the making of *The Void* exemplified the society's passion and skill, resulting in a magazine that captures the essence of the artistic pursuits of a diverse team of photographers, writers, and designers.

March 17, 2024: A *photo walk* was organized to the historic *Red Fort* located in the heart of Delhi, India. The photo walk provided photography enthusiasts with the opportunity to explore and capture the architectural grandeur, intricate details, and cultural heritage of one of India's most iconic monuments. Through guided tours, photography challenges, and group critiques, attendees had the opportunity to hone their photography skills, deepen their understanding of architectural aesthetics, and celebrate India's rich cultural heritage.

RAAGA: THE WESTERN DANCE SOCIETY

Throughout the academic year, Raaga organized a myriad of *events, workshops, and performances* that showcased the talent and dedication of its members. From annual dance competitions to themed showcases and flash mobs, these events served as platforms for students to unleash their creativity and showcase their skills to the wider college community. Moreover, the society actively participated in inter-college competitions and cultural festivals, where its members have consistently bagged top honours and accolades, bringing pride and recognition to the college. Through its myriad activities and initiatives, the society continues to inspire, entertain, and enrich the lives of its members and the larger college community alike.

RHAPSODY: THE MUSIC SOCIETY

Throughout the year, the members embraced diversity and celebrated the rich tapestry of musical genres, from classical to contemporary, from jazz to rock, and everything in between. Through a myriad of engaging activities, including jam sessions, workshops, performances, and competitions, Rhapsody provided a platform for members to hone their musical skills, collaborate, unleash their artistic potential, expand their horizons, and forge lifelong

friendships. The members participated and won many prizes in the fest of other colleges. Also, Rhapsody has been performing at Starbucks for the past 4 months, their flagship project.

ROBOTICS CLUB

September 26, 2023: *Internal Hackathon*, conducted for students across all years and courses, aimed to foster innovation and collaborative problem-solving among our diverse student community. Students from various programs showcased their skills in diverse fields, including coding, electromyography, and app designing.

October 5, 2023: An engaging *orientation* was conducted for first and second-year students to introduce them to the club's activities, goals, and opportunities. The event aimed to foster a sense of community and ignite interest in the field of robotics. Successful projects undertaken by the club in previous years, providing a glimpse into the creative and technical aspects of robotics were showcased.

October 17 – 19, 2023: *Recruitment Drive* was conducted aiming to identify and welcome new members to the club. The process was designed to assess not only technical skills but also passion, creativity, and collaborative spirit among the candidates. Shortlisted candidates were required to complete a pre-interview assessment, evaluating their technical knowledge and problem-solving abilities.

February 9, 2024: A *workshop on Introduction to Robotics* was conducted to make new members aware of the components, applications of robotics in real life, the process of making a project, microcontrollers, Arduino and its versions, Raspberry Pi, basic electronics components like Resistors, Capacitors, LED's, Breadboard, Batteries, Transistors, Multimeters, Sensors, Motors and devices present in club like 3D Printer, 2D plotter, Line follower etc.

SANGYAAN: THE QUIZ SOCIETY

September 17, 2023: A National Online *Microorganisms Day Quiz Competition* was organized on the theme Entrepreneurship and Microbiology to promote microbial literacy and celebrate the diversity and wide applications of microbes.

October 5, 2023: *Freshers' Recruitment Quiz* was conducted along with the unofficial orientation to present to the freshers a unique opportunity to gain a bag of experience and insights into quizzing, not as an activity but as a hobby which is not merely centred to academia, but indulges from marvel to mythology, science to bizarre facts.

October 19 – 20, 2023: As part of the Founder's Day Celebration, an intra-college *Founder's Day Quiz* was organized in remembrance of the visionary thinker Pandit Deen Dayal Upadhyaya.

November 2, 2023: As part of Vigilance Awareness Week, a *Vigilance Awareness Quiz* was organized in collaboration with Punjab National Bank to test the knowledge of the participants on integrity, ethics, and good governance.

January 19, 2024: As part of the Ram Utsav celebrations, *Ramayana Quiz* was organized for seekers of adventure and wisdom across the nation. From identifying key characters and mythological references to unravelling hidden meanings and symbolism, the quiz put the participants Ramayana expertise to the test. Each question was a portal to deeper understanding, unveiling fascinating insights into the Ramayana's timeless themes of love, duty, sacrifice, and triumph over evil.

March 13, 2024: As part of the intra-college *Sangyaan-Quizzing League*, *SQL Finals* was organized that included questions that were enriching, subversive and a little bit maddening. The finalists were selected after summing up the results of fourteen quizzes conducted throughout the year on different aspects including General Quiz, Pop-Culture Quiz, Nsfw Quiz, India Quiz, Maps Quiz, History (Crossword) Quiz, Video Games Quiz, Sports Quiz, Mythology Quiz, Cartoon Quiz, Anime Quiz, Western Mythology Quiz, Military History Quiz.

SPIC MACAY

September 1 – 3, 2023: The *Uttarakhand State Convention 2023* at Unison World School was organised where different art forms were presented and was attended by our council members Shivika Chambyal, Manojna Eadala, Deepanshu Dhiman, Devansh. They participated in various art forms at the convention which had positive impact on their lifestyle.

October 13, 2023: *Orientation, 2023* saw speakers from the Delhi Chapter, Mr. Rajiv, Dr. Arun Sahay, and Kanan, who are active volunteers of SPIC MACAY.

December 4, 2023: Movie Screening of *Shatranj Ke Khiladi* was organised in collaboration with Abhivyakti (Department of Humanities). Set in the 18th century, the movie explores the theme of colonial rule and cultural exploitation.

April 16 – 20, 2024: Annual fest, *VIRASAT 2024* was organized SPIC MACAY – DDUC Chapter. Literally meaning heritage, the fest explored the multiplicity, profundity and grandeur of our Indian culture through an exploration of various aspects of our culture – music through a *Qawwali* performed by the renowned *Mohammed Ahmed Khan Warsi* and party; history through a heritage walk to the Mehrauli Archeological Park guided by the historian *Ms. Aaradhana Sinha* and fundamentally *Madhubani Art*, through a three-day workshop by the prolific artist *Manoj K Chaudhary*.

VIVEKANAND STUDY CIRCLE

September 26, 2023: The *orientation* for the academic year 2023 – 2024 was organized that included fun games and skit presentation by participants.

October 20, 2023: A *physical activity session Hey, Ho, Haiya* was organized in the college ground that saw participation of the energetic and passionate members of the study circle.

October 27, 2023: A *group discussion on social media and Fake News* was conducted with the aim of experiencing and learning something new that would eventually help in skills development and awareness.

November 1, 2023: A *presentation session on Chandrayaan 3* was organized that aimed to provide a platform to participants to learn about Chandrayaan 3's mission; objective, and significance in an engaging manner.

November 8, 2023: A *group discussion on Digital Transaction for Samriddha Bharat* was conducted to explore the transformative impact of digitalization on financial transactions.

November 29, 2023: A *presentation session on Israel and Palestine Conflict* was organized that highlighted every detail of the conflict ranging from its history, root causes of the conflict, involvement of various states and institutions, to the ongoing situation in Gaza.

January 24, 2024: A *presentation session on Ram Janmabhoomi* was organized that described every minute detail about the Ram Janmabhoomi in a very simple and lucid manner.

February 6, 2024: A *group discussion on ChatGPT and AI* was conducted that are expected to play an increasingly important role in shaping the future of society, with potential benefits including increased efficiency, improved safety, and enhanced decision-making capabilities. However, there are also concerns about the potential risks associated with the development and deployment of ChatGPT and AI.

March 5, 2024: An inter-college *Surya Namaskar Competition* was organized to spread the message on the importance of physical and mental well-being. The event aimed not just at physical prowess but also at celebrating the full potential and stamina of the youth. Aligned with the FIT India movement, the Surya Namaskar competition embodied holistic wellness, cultural heritage, inclusivity, community engagement, and awareness about physical fitness.

VOICES: THE DEBATING SOCIETY

October 19, 2023 and October 25, 2023: An engaging and informative *orientation*, with the objective of introducing students to the society's mission, activities and the significance of debating and critical thinking in personal and academic development through the *Change My Mind* exercise. Detailed explanations were provided, showcasing the diversity of opportunities available for students to participate, learn, and grow. The benefits of joining the society were highlighted, emphasizing the development of communication skills, confidence, and a broader understanding of societal issues. The highlight of the event was the mock debate, where the audience actively participated by selecting the topic and voting for the winning team.

January 19, 2024: In celebration of Ram Utsav, the prestigious *Ramayana Prasangvachan Pratiyogita* was hosted where contestants passionately narrated excerpts from the Ramayana, captivating the audience with their eloquence and deep understanding of the revered scripture. Ramayana Prasangvachan Pratiyogita not only celebrated the rich cultural heritage embedded in the Ramayana but also provided a platform for students to hone their public speaking skills. The event showcased the participants' deep connection with the epic, bringing forth a blend of tradition and modernity in their interpretations.

February 23 – 25, 2024: The 9th edition of *Vitark: The Annual British Parliamentary Debate of DDUC* was held that witnessed debaters from different reputed institutions nationwide. Commencing with the release of the motion for round 1, the event set in motion three days of rigorous competition and profound discourse. Topics spanned a spectrum from International Relations, Business, Politics, to Philosophy, fostering an atmosphere of intellectual intensity and spirited deliberation.

WOMEN DEVELOPMENT CELL

October 11, 2023: An interactive *health talk session* was held done in collaboration with Angel Agastya Hospital to raise awareness about *Vaginal Health and PCOS/PCOD*. The chief guest for the session was Dr. Kalpana Aggarwal, MBBS MS, OB GYN IVF and infertility specialist, cosmetic gynecologist, and normal delivery specialist. The speaker evaluated the frequency of adopting positive habits, understanding the intricacies of female hygiene and being attuned to the body's signals. She talked about how to make our lifestyle better and healthier and various issues that can pose problems for couples living with PCOS. The event also included a one-to-one consultation after the session with the top doctor's team.

October 27, 2023: A *Breast Cancer Awareness Campaign* was organized to raise the public's brand awareness for breast cancer, its detection, its treatment, and the need for a reliable, permanent cure.

November 6, 2023: An inter-college *Open Mic Competition, Goonj* was organized that involved three main provoking themes – Breaking the Bias; Love You Zindagi; and Darr Ke Aage Jeet Hai.

YAVANIKA: THE THEATRE SOCIETY

Throughout this period, the members of the society actively engaged in various competitions, theatre festivals, and enriching workshops including activities such as "Hey Ho Haiya", team building and bond enhancing activities and various improvisation sessions. These workshops not only fostered creativity but also honed the theatrical abilities of the members.

October 18 – 24, 2023: Participated in IIT Kanpur's prestigious fest, *Antaragni* and competed in the preliminaries amidst 22 other teams, followed by a rigorous competition involving 8 teams.

November 2 – 3, 2023: The play *Ant Hazir Ho* by the esteemed playwright Mira Kant was staged setting the stage for our deeper exploration of its thematic richness. This poignant play confronted a significant social issue, delving into the complexities faced by victims, perpetrators, and those striving to aid the afflicted.

November 17 – 18, 2023: Participated in *Aarambh*, an annual gathering uniting theatre society from Delhi and beyond. This event provided invaluable opportunities for interaction and collaborative learning through workshops and shared experiences.

ANNUAL SPORTS REPORT 2023-24

Approximately 1,200 students of DDUC participated in various sports events at different levels and in classes of value-added courses. Be it Khelo India University Games, National level Tournaments, Inter-University Championship, Inter College Tournament, Inter Class sports events and Annual Sports Day students have enthusiastically participated and brought laurels at every level.

NATIONAL / ALL INDIA UNIVERSITY/ KHELO-INDIA AND OTHER TOURNAMENTS 2023-24

S. No.	Name	Roll No	Course	Sport	Achievement	Level
1.	Sumit Tomar	21ENG0659	B.A. (H) English	Baseball	3rd place	All India Inter-University Baseball Championship
2.	Prikshit	21HCS4202	B.Sc. (H) Computer Science	Baseball	3rd place	All India Inter-University Baseball Championship
3.	Chetna Singh	22MTS5710	B.Sc. Mathematical Sciences	Taekwondo	3rd Place	Senior Girls U-53, Delhi Olympic Games-2024
4.	Kunal Nath	23COM1706	B. Com. (H)	Weightlifting	3rd place	Inter-college Weightlifting Tournament
5.	Kiriti Sethi	22BMS0371	BMS	KORFBALL Cestoball	Participation 2 nd place	35th Senior National Korfball Championship 2024 1st North Zone National Cestoball Championship
6.	Ritesh Painuli	21HMT3177	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
7.	Bhavika Bhardwaj	21HMT3118	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University

						Fencing Championship
8.	Prerna Vats	21HMT3167	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
9.	Neha Kriplani	21HCS4161	B.Sc. (H) Computer Science	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship/ Khelo India University Games
10.	Khushi Dhankar	21HMT3145	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship/ Khelo India University Games
11.	Sakshi Kumari	23HCS4145	B.Sc. (H) Computer Science	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
12.	Ishita	23HCS4122	B.Sc. (H) Computer Science	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
13.	Kumud	22HMT3179	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
14.	Rinku	21HMT3175	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
15.	Mohit Arora	23COM1709	B. Com. (H)	Fencing	Participation	North East Zone and All India Inter-University

						Fencing Championship
16.	Sushant Dhasmana	21HMT3196	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
17.	Kunal Nath	23COM1706	B. Com. (H)	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
18.	Vivek Kumar	22HMT3165	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
19.	Harsh Vardhan Mathur	21HMT3137	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
20.	Gagan Meena	21HMT3132	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
21.	Abhijeet Kr. Vishwakarma	22HMT3167	B.Sc. (H) Mathematics	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
22.	Akash Kumar	22BAP9405	B.A. Programme	Fencing	Participation	North East Zone and All India Inter-University Fencing Championship
23.	Rishabh	21HCS4203	B.Sc. (H) Computer sciences	Kabaddi	Participation	North Zone Inter University Kabaddi Tournament
24.	Aditya Gulia	22COM1549	B. Com. (H)	Archery	Participation	North Zone and All India Inter- University Archery Championship

25.	Deepak Kumar	21HCH8607	B.Sc. (H) Chemistry	Archery	Participation	North Zone and All India Inter-University Archery Championship
26.	Himashu Soni	23HCS4120	B.Sc. (H) Computer Science	Archery	Participation	North Zone and All India Inter-University Archery Championship
27.	Dev Shokeen	22BAP9545	B.A. Programme	Archery	Participation	North Zone and All India Inter-University Archery Championship/ Khelo India University Games
28.	Himanshi Rajani	22COM1705	B.COM (H)	KORFBALL	Participation	35th Senior National Korfball Championship 2024
29.	Pooja Chaudhary	21HBT6536	BSC (H) BOTANY	KORFBALL	Participation	35th Senior National Korfball Championship 2024

PARTICIPATION IN INTER COLLEGE LEVEL TOURNAMENTS

Name of tournament	Name of organizing college	Number of DDU College students participated
INTER COLLEGE ARCHERY TOURNAMENT (MEN AND WOMEN)	Indraprastha College for Women	08 (MEN) 03 (WOMEN)
INTER COLLEGE TABLE TENNIS TOURNAMENT (MEN)	Delhi University Sports Council	05
INTER COLLEGE VOLLEYBALL TOURNAMENT (MEN)	Keshav Mahavidyalaya	11
INTER COLLEGE JUDO TOURNAMENT (MEN)	Delhi University Sports Council	01
INTER COLLEGE WEIGHT LIFTING TOURNAMENT (MEN)	Ramanujan College (inter college)	01

INTER COLLEGE KABADDI TOURNAMENT (MEN)	Shyam Lal College	10
INTER COLLEGE BASKETBALL TOURNAMENT (MEN)	Hindu College	12
SELECTION TRIALS FOR UNIVERSITY OF DELHI TEAM FOR KABBADI	Shyam Lal College	03
INTER COLLEGE FOOTBALL TOURNAMENT (MEN)	Delhi University Sports Council	20
INTER COLLEGE BASKETBALL TOURNAMENT Basketball (WOMEN)	Shri Ram College of Commerce	10
INTER COLLEGE CRICKET TOURNAMENT (MEN)	DELHI University Sports Council	16
INTER COLLEGE NETBALL TOURNAMENT(WOMEN)	Jesus and Mary College	10
INTER COLLEGE BADMINTON TOURNAMENT(WOMEN)	Delhi University Sports Council	05
INTER COLLEGE BASEBALL TOURNAMENT (MEN)	DUSC	16
INTER COLLEGE VOLLEYBALL TOURNAMENT (WOMEN)	DUSC	07

Name of sport	Cricket	
Name of organising college	Swami Shraddhanand College	
REPRESENTED COLLEGE FOR SELECTION TRIALS OF UNIVERSITY OF DELHI CRICKET		
Name	Roll No	Course
Harshit Shokeen	22BMS0369	BMS
Dheeraj	22COM1539	B. Com (Honors)

Name of tournament	SELECTION TRIALS FOR UNIVERSITY OF DELHI TEAM FOR FENCING Out of 20 Students 17 got selected for University of Delhi Team in Men and women sections	
Name of organising college	DUSC	
Men		
Name	Roll no.	Course
Jaseem Ali	22HZL7116	BSc (Honors) Zoology
Rinku	21HMT3175	BSc (Honors) Mathematics
Ritesh Mohan Painuli	21HMT3177	BSc (Honors) Mathematics
Gagan Meena	21HMT3132	BSc (Honors) Mathematics
Abhijeet Kr. Vishwakarma	22HMT3167	BSc (Honors) Mathematics
Vivek Kumar	22HMT3165	BSc (Honors) Mathematics
Gayan Yadav	23HMT3174	BSc (Honors) Mathematics
Kunal Nath	23COM1706	B. Com (Honors)
Mohit Arora	23COM1709	B. Com (Honors)
Harsh Vardhan Mathur	21HMT3137	BSc (Honors) Mathematics
Sushant Dhasmana	21HMT3196	BSc (Honors) Mathematics
Aditya Raj Dixit	23HPH2606	BSc (Honors) Physics
Akash Kumar	22BAP9405	BA Program
Women		
Name	Roll no.	Course
Khushi Dhankhar	21HMT3145	BSc (Honors) Mathematics
Neha Kriplani	21HCS4161	BSc (Honors) Computer Science
Bhavika Bhardwaj	21HMT3118	BSc (Honors) Mathematics
Ishita	23HCS4122	BSc (Honors) Computer Science
Sakshi Kumari	23HCS4145	BSc (Honors) Computer Science
Kumud	22HMT3179	BSc (Honors) Mathematics
Prerna Vats	21HMT3167	BSc (Honors) Mathematics

Name of tournament	SELECTION TRIALS FOR UNIVERSITY OF DELHI TEAM FOR BASKETBALL (MEN AND WOMEN)	
Name of organising college	Shri Ram College of Commerce	
Men		
Name	Roll no.	Course
Yudhishira Chikara	21BAP9342	BA Programme
Ayush Kerketta	22BMS0313	BMS
Mayank Rawal	21HCS4156	BSc (Honors) Computer Science
Ankit Pandey	21ENG0607	BA (Honors) English
Yateesh Yadav	22BAP9550	BA Programme
Vishal Yadav	22BMS0376	BMS
Vipul Dhania	23HCS4179	BSc (Honors) Computer Science
Women		
Name	Roll no.	Course
Pooja	21HBT6536	BSc (Honors) Botany
Gungun	21BAP9310	BA Programme
Kriti Sethi	22BMS0371	BMS
Khyati Sharma	23COM1705	B.Com (Honors)

Name of tournament	SELECTION TRIALS FOR UNIVERSITY OF DELHI TEAM FOR BADMINTON (MEN)	
Name of organising college	DUSC	
Name	Roll no.	Course
Vihan	21PCS5138	BSc. Physical Science with Computer Science
Homish Yadav	22ENG0647	BA (Honors) English
Lalit Kishor	23BAP9545	BA Programme
Satwik	23HEL2130	BSc (Honors) Electronics

OTHER TOURNAMENTS

Name of sport	Baseball	
Name of organising college	Shri Ram College of Commerce	SRCC Inter-College Invitational Tournament
Position	Runner-Up	
Name	Roll no.	Course
Divya Prakash Meena	21HCS4135	BSc (Honors) Computer Science
Krishan Kant	21HEL2121	BSc (Honors) Electronics
Harshit Bhalothia	22BAP9546	BA Programme
Vishal Sharma	22HCS4165	BSc (Honors) Computer Science
Ankit Prasad	23BMS0372	BMS
Aniket Choudhry	23HCS4159	BSc (Honors) Computer Science
Siddhath Yadav	21MTS5734	BSc Mathematical Science
Krishan Aggarwal	21COM1668	B. Com (Honors)
Talib Hussain	22BAP9548	BA Programme
Atul Kumar	22BMS0366	BMS
Naman Gehlot	23BMS0378	BMS
Harshit Shokeen	22BMS0369	BMS

Name of tournament	YOGA (SPARDHA)	
Name of organising college	Shaheed Rajguru College of Applied Sciences for Woman	
Men		
Name	Roll no.	Course
Nitin Kumar	22HMT3138	BSc (Honors) Mathematics
Durvesh Marwal	21HZL7115	BSc (Honors) Zoology
Women		

Name	Roll no.	Course
Mrunal Sanjay Uke	21BAP9319	BA Programme
Thongam Reshmibala	21BAP9341	BA Programme
Khushi Singh	22PCS5147	BSc. Physical Science with Computer Science
Nancy	23HCH8613	BSc (Honors) Chemistry
Anjali Archana	22PCS5150	BSc. Physical Science with Computer Science
Prakriti	22BAP9322	BA Programme

Name of tournament	Table Tennis (SPARDHA)	
Name of organizing college	Shaheed Rajguru College of Applied Sciences for Woman	
Men		
Name	Roll no.	Course
Ajay Kumar Chauhan	22HMT3138	BSc (Honors) Mathematics
Ritvik Waghmare	21HZL7115	BSc (Honors) Zoology
Divjyot Singh	23BMS0373	BMS
Harshit Sharma	23BAP9515	BA Programme
Women		
Name	Roll no.	Course
Surbhi Yadav	21HCH8644	BA Programme
Antara Negi	23HPH2613	BSc (Honors) Physics

ANNUAL SPORTS DAY

Annual Sports Day was organised on March 15, 2024. Mr. Ankit Mittal, World Champion in Shooting and an Arjuna Awardee in Shooting was the Chief Guest and Prof. A.K. Singh, Head & Dean, Department of Commerce, Faculty of Commerce & Business, Delhi School of Economics, University of Delhi and Chairperson of Delhi University Sports Council was the Guest of Honour.

The students, teachers and non-teaching staff participated enthusiastically in various activities. The results are as follows:

Name of the event		50 m DASH		
Women				
S.no.	Name	Roll no.	Course	Position
1	Ritika khetwal	21BAP9435	B. A. Program	I
2	Menka	22BAP9560	B. A. Program	II
3	Akansha bora	22BMS0365	Bms	III
Men				
S.no.	Name	Roll no.	Course	Position
1	Sidharth yadav	21MTS5734	B. Sc Mathematical Science	I
2	Harpratap singh	22HCH0613	B. Sc (H) Chemistry	II
3	Vijay	21PHS6135	B. Sc Physical Science with Chemistry	III

Name of the event		50X4 RELAY RACE		
Women				
S.no.	Name	Roll no.	Course	Position
1	Akansha bora	22BMS0365	BMS	I
	Antara	23HPH2613	BSC. (H) Physics	
	Anulekha	22BMS0385	BMS	
	Sehar	22HBT6514	BSC. (H) Botany	
2	Menka	22BAP9560	BA Program	II
	Shrestha soumya	22COM1874	B. Com (H)	
	Suhani	22BAP9561	BA Program	
	Kiran	22BAP9579	BA Program	
3	Ritika khetwal	21BAP9435	BA Program	III
	Sukanya	22BAP9445	BA Program	
	Tanushka	22BAP9439	BA Program	
	Rishika	22BAP9531	BA Program	
Men				
S.no.	Name	Roll no.	Course	Position
1	Prikshit	21HCS4202	BSC (H) Computer Science	I
	Manashvi dhankar	21HCS4153	BSC (H) Computer Science	
	Siddharth	21MTS5734	BSC mathematical Science	
	Aryan dagar	22HCS4161	BSC (H) Computer Science	
2	Ashutosh	22COM1519	B. Com (H)	II

	Dheeraj	22COM1539	B. Com (H)	
	Talib	22BAP9548	BA Program	
	Mohit	22HMT3173	BSC (H) Mathematics	
3	Arpit shukla	22HZL7111	BSC (H) Zoology	III
	Mayur sharma	22HZL7121	BSC (H) Zoology	
	Mayank verma	23HZL7140	BSC (H) Zoology	
	Samarth	22COM1867	B. Com (H)	

Name of the event		3-LEG RACE		
Women				
S.no.	Name	Roll no.	Course	Position
1	Menka	22BAP9560	BA Program	I
	Angel	22BAP9451	BA Program	
2	Taniya	22HCH8633	BSC (H) Chemistry	II
	Priyanka gurjar	22PHS6123	BSC Physical Science with Chemistry	
3	Ankita	22HMT3197	BSC (H) Mathematics	III
	Sneha singh	21PCS5134	BSC Physical Science with Computers	
Men				
S.no.	Name	Roll no.	Course	Position
1	Aakash kumar	22MTS5701	BSC Mathematical Science	I
	Neelesh dhakad	22MTS5523	BSC Mathematical Science	
2	Asheesh ahirwar	22BMS0301	BMS	II
	Shubham parmar	22BMS0348	BMS	
3	Vijay	21PHS6135	BSC Physical Science with Chemistry	III
	Shubham	21PHS6131	BSC Physical Science with Chemistry	

Name of the event		BADMINTON		
Women singles				
S.no.	Name	Roll no.	Course	Position
1	Pawani	23MTS5725	BSC Mathematical Science	I
2	Arushi kukreti	21BAP9307	BA Program	II
3	Priyanshi bora	22COM9699	B. Com (H)	III
Men singles				
S.no.	Name	Roll no.	Course	Position
1	Homish yadav	22ENG0647	BA (H) English	I
2	Sanchit mahana	21BAP9566	BA Program	II
3	Vihan	21PCS5138	BSC Physical Science with Computers	III
Men doubles				
S.no.	Name	Roll no.	Course	Position
1	Homish yadav	22ENG0647	BA (H) English	I

	Vihan	21PCS5138	BSC Physical Science with Computers	
2	Sanchit mahana	21BAP9566	BA Program	II
	Lalit vaishnav	23BAP9545	BA Program	
3	Babrubahan	21ENG0613	BA (H) English	III
	Shubh saxena	21COM1922	B. Com (H)	
Mixed doubles				
S.no.	Name	Roll no.	Course	Position
1	Lalit vaishnav	23BAP9545	BA Program	I
	Pawani	23MTS5725	BSC Mathematical Science	
2	Homish yadav	22ENG0647	BA (H) English	II
	Arushi kukreti	21BAP9307	BA Program	
3	Paridhi bhargava	21HMT3159	BSC (H) Mathematics	III
	Babrubahan	21ENG0613	BA (H) English	

Name of the event		TABLE TENNIS		
Women singles				
S.no.	Name	Roll no.	Course	Position
1	Divya	21ENG0617	BA (H) English	I
2	Surbhi yadav	21HCH8644	BSC. (H) Chemistry	II
3	Antara	23HPH2613	BSC. (H) Physics	III
Men singles				
S.no.	Name	Roll no.	Course	Position
1	Ritvik waghmare	21BMS0375	BMS	I
2	Harshit sharma	23BAP9515	BA Program	II
3	Rishabh	23HCS4174	BSC. (H) Computer Sc.	III
Men doubles				
S.no.	Name	Roll no.	Course	Position
1	Ritvik waghmare	21BMS0373	BMS	I
	Rishabh	23HCS4174	BSC. (H) Computer Sc.	
2	Aaryan aggarwal	21HCS4102	BSC. (H) Computer Sc.	II
	Kartik	22HCS4127	BSC. (H) Computer Sc.	
3	Ajay chauhan	21HCH8601	BSC. (H) Chemistry	III
	Harshit sharma	23BAP9515	BA Program	
Mixed doubles				
S.no.	Name	Roll no.	Course	Position
1	Harshit sharma	23BAP9515	BA Program	I
	Surbhi yadav	21HCH8644	BSC. (H) Chemistry	
2	Divya	21ENG0617	BA (H) English	II
	Kartik	22HCS4127	BSC. (H) Computer Sc.	
3	Tanya ahlawat	21HCS4187	BSC. (H) Computer Sc.	III
	Ritvik waghmare	21BMS0373	BMS	

Name of the event		SHOT PUT		
Women				
S.no.	Name	Roll no.	Course	Position
1	Simran bajwa	21BAP9579	BA Program	I
2	Shagun yadav	22HCS4150	BSC. (H) Computer Sc.	II
3	Varsha	22BAP9549	BA Program	III
Men				
S.no.	Name	Roll no.	Course	Position
1	Rishabh shehrawat	21HCS4203	BSC. (H) Computer Sc.	I
2	Anuj	21PHS6142	BSC. Physical Sc. with Chemistry	II
3	Arnav	23BMS0392	BMS	III

Name of the event		DISCUS THROW		
Women				
S.no.	Name	Roll no.	Course	Position
1	Antara	23HPH2613	BSC. (H) Physics	I
2	Ritu	21HMT3179	BSC. (H) Mathematics	II
3	Khushi goel	21COM1663	B. Com (H)	III
Men				
S.no.	Name	Roll no.	Course	Position
1	Rishabh	21HCS4203	BSC. (H) Computer Sc.	I
2	Mouktik	21HEL2150	BSC (H) Electronics	II
3	Harshit bhalothia	22BAP9546	BA Program	III

Name of the event		Tug of War		
Women				
S.no.	Position	I	II	III
	Team	MARVELS	UNBREAKABLES	THUNDER
1	Name	Shagun yadav	Tanya	Priyanka
	Roll no.	22HCS4150	21COM1663	22PHS6123
2	Name	Varsha	Ishita	Taniya
	Roll no.	22BAP9549	21COM1712	22HCH8633
3	Name	Shrestha	Antara	Astha singh
	Roll no.	22COM1874	23HPH2613	22HCH8637
4	Name	Simran	Manasvi singh	Garima chaudhary
	Roll no.	21BAP9561	22HEL2251	22HCH8612
5	Name	Kanika	Pawani	Anshul
	Roll no.	21HZZL7122	23MTS3179	21HEL2108
6	Name	Sohani	Visha	Neha kriplani
	Roll no.	22BAP9561	21HMT3178	21HCS4157

7	Name	Rachael	Manya choudhary	Neetu
	Roll no.	22ENG0625	22MTS5721	21HMT3155
8	Name	Kiran	Anulekha pahadi	Khushi
	Roll no.	22BAP9519	22BMS0385	21HMT3155
9	Name	Simran	Sehar	Nikita
	Roll no.	21PCS5133	22HBT6514	23COM1682
10	Name	Sushma kumar	Mansvi puthania	Preeti
	Roll no.	23PHS6140	22PHS6120	21HMT3166
Men				
S.NO.	Position	I	II	III
	Team	PRAHAR	SPARTANS	CHEETAH
1	Name	Manashvi dhankar	Anuj	Himanshu soni
	Roll no.	21HCS4153	21PHS6142	23HCS4120
2	Name	Dev shokeen	Rishabh	Chirag
	Roll no.	22BAP9545	21HCS4203	23HCS4165
3	Name	Prikshit	Priyanshu	Jatin
	Roll no.	21HCS4104	21HEL2135	23HCS4168
4	Name	Sagar	Priyanshu	Himanshu
	Roll no.	21HCS5151	21BAP9550	23PHS6112
5	Name	Divyaprakash meena	Sahil	Pankaj
	Roll no.	21HCS4135	21HZZL7145	23HCS4157
6	Name	Aryan	Karan	Anand
	Roll no.	22BAP9306	21PCS5148	23PHS6105
7	Name	Adarsh	Devraj	Pranjal
	Roll no.	22HPH2603	21PCS5146	23ENG0465
8	Name	Vishal	Hitesh	Aryan dagar
	Roll no.	22HCS4165	21ENG0652	22HCS4161
9	Name	Yash chandola	Harpantap singh	Abhishek
	Roll no.	22BAP9340	22HCH8613	23PHS6102
10	Name	Harshit	Jitendra	Atulya
	Roll no.	22BAP9546	22HZZL7117	23PHS6118

SUBJECT SOCIETIES REPORT 2023-24

DEPARTMENT OF BOTANY

SUBJECT SOCIETY – KALPAVRIKSHA

October 13, 2023: Kalpavriksha hosted its inaugural lecture under the guidance of Dr. Varnika Bhatia (Convener) and Dr. Sujata Sinha (Co-convener). The lecture, centred on the theme 'Mushroom: Fungi with Diverse Applications,' was delivered by esteemed speakers, Dr. Rekha Mehrotra and Dr. Richa Sharma from the Department of Microbiology at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi. Alongside the lecture, students attended a virtual tour to a mushroom cultivation laboratory in the above-said college.

October 13, 2023: A poster-making competition on the theme 'Green Revolution Vs. Gene Revolution' was organized. The competition garnered an impressive turnout, with over 12 participants showcasing their artistic prowess. Students representing diverse disciplines of the college exhibited their creativity through a display of vibrant and thought-provoking posters.

November 2-6, 2023: Kalpavriksha under the guidance of Dr. Reeta Kumari (Teacher In-Charge) organised a captivating trip to Dalhousie, Khajjiar, and the Chamba District of Himachal Pradesh. During this trip, students visited the majestic Dainkund peak and along the way, collected various plant samples, including *Funaria*, *Pteris*, *Pteridium*, and *Anaphalis margaritacea*. The collection of plant samples during the trek added an enriching educational dimension to the memorable journey.

November 12, 2023: On occasion of Diwali celebration "Alpana," a Diya Painting and Deep Rangoli making Competition hosted. Participants were tasked with crafting intricate Rangoli designs, capturing selfies with their creations, and submitting them via a designated Google Form. Enthusiastic students from diverse disciplines and colleges eagerly joined in, showcasing their artistic talents.

December 1, 2023: "Floral Fiesta: Transforming Blooms into Artistry," a DIY decor-making competition was held. Participants demonstrated their creativity by crafting stunning decor items using flowers and leaves gathered by them from their surroundings.

February 9, 2024: Kalpavriksha hosted 'Budding Success,' an alumni interaction. The event was held in a blended mode where our esteemed alumni shared their experiences with current students. The session commenced with an inaugural address by the Principal, Prof. Hem Chand Jain. In attendance were alumni Ms. Shreya Mahajan (PhD Student, Australian National University, Australia) and Ms. Poonam Nebhnani (Post-doctoral researcher, Department of Biochemistry and Molecular Biology, Autonomous University of Barcelona, Spain), who joined the session remotely, along with Ms. Riya Pakhre (Research scholar, Department of Environment Studies, University of Delhi) and Mr. Prashant Shaw (Research scholar, Department of Botany, University of Delhi), who attended in person. This blend of virtual and physical presence added depth to the interaction, enabling students to connect with

successful alumni from various disciplines.

February 9, 2024: On the occasion of National Science Day, Kalpavriksha organised two events – Kalash: Clay Pot Decoration and Kalakriti: Specimen Sketch Off. In Kalash, participants were provided with pots. They decorated the earthen pots with various materials and exhibited impressive creativity. In Kalakriti, each participant was given either live or preserved specimen for sketching in one hour. Students sketched the provided specimen in defined time marvellously.

March 1, 2024: FOLIAGE: THE BLOOMING FESTIVAL was held to celebrate the onset of the spring season. The students showcased their extraordinary talent through various folk dances and classical musical performances. Several art creations, including decorated pots, sketches were exhibited for the audience.

March 18-19, 2024: Delonix, the Annual Botanical Festival, unfolded on March 18 and 19, 2024. The event aimed to celebrate the wonders of Plant Sciences while fostering a spirit of learning among participants. The festival commenced with an inaugural ceremony graced by the principal, Prof. Hem Chand Jain, our esteemed guest Dr. Monika Jaggi, Principal Scientist, CSIR-NIScPR, faculty members, and students. The ceremony highlighted the introduction of all the events to be held during the festival. Various competitions were organized including

- Pandit Deen Dayal Upadhyaya Rolling Shield Inter-College Debate Competition. The debate competition, named in the honour of Pandit Deen Dayal Upadhyaya Ji, invited students from various colleges to engage in stimulating discussions on the topic, “Traditional knowledge: The Changing Scenario In India”. A total of 60 registrations from different courses and colleges were obtained. The participants expressed their views either for or against the motion.
- Scientree: Abhinay Manchan, a Monoact competition was held. The students showcased their inhabited talent through captivating monoact performances centered on botanical themes. Several students participated in the event. They portrayed plants, flowers and scientists using several props.
- The festival marked its impeccable performance in the Flora Quest: Quiz which was an amalgam of theoretical knowledge in the form of a quiz and practical knowledge in the form of finding the said plant or plant part. There were 24 participants and the winners were announced. In addition to intellectual challenges, Delonix’2024 offered participants a chance to unwind and connect through a series of exciting games.

DEPARTMENT OF CHEMISTRY

SUBJECT SOCIETY – COVALENCE

July 15 – August 14, 2023: One-month DBT Summer Research Internship was conducted by Covalence, the Chemical Society of Chemistry, under the aegis of DBT Star College Scheme, Deen Dayal Upadhyaya College. The aim of the internship program was to teach the spirit of research methodology and make students learn the scientific problem-solving skills.

August 16 and August 31, 2023: 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 parivaar.

August 25, 2023: 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.

September 5, 2023: Inauguration of the Covalence Society was done on the auspicious day celebrated as Teachers Day. The motivating Lecture was then delivered by the esteemed faculty of the department.

September 15, 2023: Under the niche of Covalence, the official Freshers' part- Euphoria'23, of its department, with a blast of music, dance and full-on entertainment.

October 5 and October 12, 2023: Two-day Hands-on-Workshop on Greener Photochemistry for Undergraduate Students 2023 was successfully conducted by Covalence, the Chemical Society of Chemistry, under the aegis of DBT Star College Scheme, Deen Dayal Upadhyaya College and Science Foundation, Deen Dayal Upadhyaya College. The objective of the workshop was to communicate to the students the basic understanding and application of a chemical phenomenon in a simple and scientific way which can be easily assimilated by them. Students performed the experiment and submitted their results and feedback.

October 18, 2023: The Covalence Society was graced by the honourable speaker, Head-Department of Chemistry, University of Delhi and the Chairman of the Governing body, Prof. S. K. Awasthi, Under the aegis of DBT Star College Scheme, Deen Dayal Upadhyaya College, the lecture on "Recent Advances in Antimalarial Drug Discover" was organized which left the audience spell bound.

November 4, 2023: As a part of the Induction program, the trip to Lotus temple, Qutub minar, Waste of wonder, Iskon Temple in Delhi was organised.

December 2, 2023: The Covalence Society under the aegis of DBT Star College Scheme, organized a career counselling lecture workshop on "Career Counselling and Motivation for youth" by the esteemed Scientist of DRDO, Dr. Rajenda Singh Paroda. The session mesmerized the audience.

January 25, 2024: Under the flag of the 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 on alumni interaction & career counselling. The event was entitled as- "*Pursuing Ph.D. in USA: Journey and Challenges*".

February 28-29, 2024: On the occasion of Science Day' 24, following three events were held under the aegis of DBT Star college scheme:

- (i) Hands-on workshop on the theme- "***Learning UV-Visible spectroscopy through green experiments***. The experiment- *Extraction of photosynthetic molecules from the campus flora using green method and analysing it using the analytical tools- UV-Visible spectroscopy and Thin Layer Chromatography (TLC)*-was designed to illustrate the symphony between analytical chemistry and green chemistry.
- (ii) Lecture Workshop on **Green Synthesis of Metallic Nanoparticles for Catalysis, Sensing and Environmental Remediation** by the Invited Speaker Dr. Brajesh Kumar, HOD Chemistry, TATA College, Kolhan University, Jharkhand and Adjunct Professor Universidad de las Fuerzas Armadas-ESPE, Ecuador.
- (iii) Student-led workshop on "*Development of Poster Making Skills*" by Vyom Sharma, a 3rd year student of B. Sc. Physical Sciences.

March 8, 2024: An interactive and informative session on various opportunities to pursue higher studies in Japan was held by Jeorge Ascencio, a research scholar from Graduate School of Engineering, Osaka University, Japan.

March 12, 2024: An industrial trip to Moonfields Coca-Cola Limited was organized by the chemical society. The visit provided invaluable insights into industrial chemistry, quality control measures, and environmental sustainability practices adopted by Moonfields Coca-Cola Limited. Students were encouraged to ask questions and actively engage with the information presented, enhancing their understanding of real-world applications of chemistry principles.

March 14, 2024: A Lecture-Workshop on "Applications of Constructed Wetlands in Sustainable Treatment of Wastewater" was conducted by Dr. Neetu Rani, Professor, University School of Environment Management, Guru Gobind Singh Indraprastha University, Delhi. . The talk was adorned by the real time examples of constructed wetlands and their uses at real sites.

March 16, 2024: A hands-on workshop on "*Retrosynthetic analysis: Basic Concepts of the Art of Planning Multistep Synthesis*" was successfully conducted under the banner of Covalence and provided a valuable learning experience for the participants, equipping them with essential knowledge and practical skills that will benefit their academic pursuits and future endeavors.

March 19, 2024: With the esteemed patronage of DBT Star College Scheme and Internal Quality Assurance Cell (IQAC) of the college, *Covalence* organized an **international symposium** on "*The Frontiers of Applied Sciences*" in collaboration with the botany and zoology departments. The eminent speakers of esteemed institutions graced the event and confluenced the chemical and biological sciences on a common platform. Many student and faculty participants joined the event in physical as well as in the online mode. The awareness and information of the current advances in the applied sciences was the main motto behind the event. This indeed is beneficial both for the present and future researchers and scientists.

DEPARTMENT OF COMMERCE

SUBJECT SOCIETY – COMMUNITY

August 16, 2023: *Parichay*, the freshman orientation, was hosted for incoming new batch of students. During orientation, students got a chance to meet the faculty and staff members as well as their academic advisors. In addition, all students had the chance to meet new classmates. They were briefed about the academic aspects of the course, the rules and regulations of the institute and various societies and clubs.

September 25 – October 20, 2023: Skill Enrichment Program on *Basics of Stock Market* was conducted by Dr. Meghna Aggarwal to provide students with a comprehensive understanding of the stock market. It covered the fundamental concepts of the stock market and the Indian securities market, including the role of stock exchanges, regulatory bodies, and various financial instruments such as equities, bonds, and derivatives. With a combination of theoretical and practical lessons, students gained a well-rounded understanding of the stock market and how it operates.

October 12, 2023: As part of the World Investor Week celebrations, an *Investor Awareness Program* was organized featuring distinguished speakers from SEBI and SKI Capital Ventures who provided valuable information regarding different investment avenues, financial planning, and the importance of making informed financial decisions. A muppet show was also organized that effectively conveyed important financial lessons to the students in a fun and engaging manner.

November 7, 2023: An intra-college competition *IGNITE* was organized that featured *Who's Next: Business Idea Presentation Competition, Hidden Gems: Talent Hunt, Canvas of Capital: Poster Making Competition, and Hands on Fortune*. The various competitions provided a platform for students to showcase their talents and skills as well as an opportunity to network and make new friends.

November 7, 2023: It has been rightly said that joy multiplies when we share it with others. And there is nothing that gives someone more joy than the joy of giving – giving back to the community and giving to those not as fortunate as us. The faculty and the students of the Department celebrated the *Joy of Giving* with the sanitation and security staff of the college that helped cultivate a sense of gratitude and abundance amongst the students. The realization dawned on them that they had enough to share and that they were blessed with resources that they can use to make a difference in the lives of others. This led to a greater appreciation for what they had, and a deeper sense of contentment and fulfilment.

November 21, 2023: The students visited the grand pavilion set up by SEBI at the India International Trade Fair in Delhi, called '*Bharat Ka Share Bazaar*' to spread awareness and educate investors. A fun time was apparently had by all, with SEBI and the others having organised quizzes, skits, insightful talks, muppet shows and a "display of its investor friendly policies and facilities."

November 25, 2023: An industrial visit to *Hero MotoCorp, Gurgaon* was organized that offered the students a firsthand experience of automotive industry operations. The visit helped bridge the gap between classroom learning and industry practices, broadening students' perspectives on potential career paths within the automotive sector.

February 02, 2024: A seminar on *Basics of Investing in the Stock Market* was organized in collaboration with the Bombay Stock Exchange. The resource person was Prof. Sanjiv Das from BSE who gave valuable insights into current market trends, analysis techniques and strategies for successful investing and trading. He also informed the students about the various career opportunities in the financial sector.

February 25 2024: The *Department Alumni Meet* provided a perfect opportunity to former students to come together and reconnect with their peers, faculty members, and their alma mater. Moreover, the alumni meet also served as a platform for the Department to engage with their graduates and gain insights into their career progress and achievements. Apart from fostering a sense of community among former students, the alumni meet also served as a vital networking and collaboration opportunity for the current students.

February 28, 2024: An educational trip to *Humayun's Tomb* was organized for students by Dr. Anand Saxena and Dr. Alok Puranik, Associate Professor at Maharaja Agrasen College, University of Delhi. The students benefited immensely as they got well-versed with the history of the walled city, opulent red sand stone tomb of the Mughal Emperor Humayun and the architecture of the Mughal era. The students appreciated the beauty of the Mughal architecture and learnt that they should conserve the national heritage. The Heritage Walk was a wonderful learning experience for the students as they returned more aware, confident and responsible with values of sharing, caring and team spirit imbibed stronger in their character.

March 14 – 15, 2024: *9th Annual International Commerce Conference* was organized by Department of Commerce, Faculty of Commerce and Business, Delhi School of Economics, University of Delhi in collaboration with Deen Dayal Upadhyaya College, University of Delhi on the theme *Viksit Bharat in Amrit Kaal*. The conference focussed on holistic national progress, encompassing economic prosperity, social advancement, technological growth, and sustainable development.

DEPARTMENT OF COMPUTER SCIENCE

SUBJECT SOCIETY – SANGANIKKA

SANGANIKKA, the subject society of computer science department has organized the following events under the teacher-in-charge ship of Dr. Anuja Soni during 2023-24:

July 31 – August 04, 2023: The Student Chapter of ACM at Deen Dayal Upadhyaya College hosted a workshop on Machine Learning using Python under the convenorship of Prof. Rampal Rana and Dr. Rajni Bala. The workshop equipped students with multiple Machine Learning algorithms and real-world applications followed with a Hands-on Session for a better understanding.

August 16, 2023: An orientation programme was organized for the freshers of B.Sc. Computer Science (hons) and B.Sc. Physical Science with Computer Science. Dr. Anuja Soni gave a warm welcome to the fresher's followed by a presentation that introduced the students to their respective course content, the various technical societies offered by the college. A total of 45 students, along with a few parents attended the session.

September 26, 2023: Sanganika, the Computer Science Society of Deen Dayal Upadhyaya College, organized a workshop on Google Workspace and LinkedIn Management under the guidance of Dr. Anuja Soni. The workshop aimed to provide participants with valuable insights and practical experience in utilizing Google's productivity tools and enhancing their LinkedIn profiles.

October 12, 2023: An Industry Academia Technical Talk was organised on Big Data Processing with Hadoop and Spark using Cloudera under the convenorship of Dr. Anuja Soni and Dr. Sujata Khatri. A total of 100 students participated in the workshop and gained a comprehensive understanding of Big Data, its significance, and its perpetual activity on the global internet within a single minute.

October 16, 2023: Student Chapter of ACM, Deen Dayal Upadhyaya College organized a Cisco Networking Industrial Visit in collaboration with Network Bulls, a well-known networking and cybersecurity training institute. The students experienced working with various network devices and implementation of various protocols like DHCP, ICMP, etc.

October 19-20, 2023: A two-day Outreach Training Program for underprivileged children at Asha Grih Home, Dwarka, was conducted that was led by Dr. Anuja Soni, Dr. Rajni Bala and Dr. Sujata Khatri. The program focused on computer fundamentals, including Microsoft Word, PowerPoint, Google Forms, Drive, and Docs, providing valuable skills to the participants.

November 04, 2023: An enlightening excursion to Lotus Temple, Iskon Temple, Waste to Wonder & Qutub Minar was led by Dr. Anuja Soni. Over 135 students from the computer science department explored each location providing a unique and enriching experience. It was a day of spiritual enlightenment, historic exploration and eco-awareness, all wrapped up in an atmosphere of camaraderie and unity.

February 12, 2024: Student Chapter of ACM, Deen Dayal Upadhyaya College organized an Outreach Program at Sarvodaya Vidyalaya Paschim Vihar West under the convenorship of Dr. Rajni Bala and Mr. Sanjeet Kumar, fostering educational advancement through Python programming.

February 25, 2024: The Alumni Meet 2023 was hosted as part of Deeksharambh under the guidance of Prof. Arpita Sharma, Dr. Anuja Soni and Mr. Sanjeet Kumar. Esteemed alumni shared their valuable insights, drawing from their professional experiences and personal journeys since graduation from the institution. The event drew 50 participants, providing valuable career insights and inspiration from the alumni.

February 26, 2024: Sanganika, the Computer Science Society of Deen Dayal Upadhyaya College, organized a seminar on empowering MCA preparation under the convenorship of Prof. Rampal Rana and Mr. Anil Kumar. The session proved highly engaging, with students actively participating, raising queries, and enhancing their knowledge.

February 28, 2024: Sanganika, the Computer Science Society of Deen Dayal Upadhyaya College, collaborated with the Science Foundation for a workshop under the convenorship of Dr. Anuja Soni and Dr. Sujata Khatri aiming to enhance participants' document crafting skills using LaTeX. It drew 37 participants from diverse departments, concluding with positive feedback.

March 02-03, 2024: National level technical festival Tech Marathon 2023 was hosted under the convenorship of Mr. Anil Kumar and Prof. Rampal Rana. The event featured 13 national-level competitions, including eight technical and five non-technical events attracting participants from prestigious institutes across India.

DEPARTMENT OF ENGLISH

SUBJECT SOCIETY – ZEST

August 16, 2023: The orientation for new students was organized to provide essential insights into the course structure and departmental offerings.

September 5, 2023: A heartfelt Teacher's Day celebration in which students were allowed to express their gratitude towards faculty members.

September 14, 2023: an essay writing competition centred around the theme of "The Idea of Universal Brotherhood" by Swami Vivekananda encouraged thoughtful reflection among participants.

September 21, 2023: Elections for Joint Secretaries

September 25, 2023: ZEST organised a year beginning ceremony to welcome the new students fostering a sense of belonging.

November 4, 2023: A departmental excursion was organized to provide an opportunity for students to explore cultural landmarks with their peers and teachers.

December 5 and December 7, 2023: As part of the Special Lecture Series in December 2023 there lectures were held on 5th and 7th December each where experts shared their insights on various topics, enriching the academic experience.

March 9, 2024: ZEST's departmental festival, "Who's Afraid of the Ides of March" was held witnessing spirited participation, highlighting the vibrant spirit of the society. The 9th edition of the ZEST yearly magazine, SPECTATOR was also released, containing the achievements and the creative works of the Zestians. In retrospect, ZEST's commitment to academic enrichment and community building through its array of events underscores its pivotal role in fostering a dynamic and cohesive English society within the college.

DEPARTMENT OF ELECTRONICS

SUBJECT SOCIETY – SILIZIUM

March 31 – April 1, 2023: The departmental fest URJASVA'23 took place, showcasing a diverse range of activities including Laser Labyrinth, Ukiyo, RC Obstacle Race, and mini-games tailored for students to enjoy.

April 24, 2023: A farewell celebration was organized under the banner of "To Bid Adieu," honouring the departing final-year students. The seniors received recognition with a pot

containing seeds of plants, and Mr. and Ms. Farewell titles were bestowed, making it a cherished day for all attendees.

November 23, 2023: An Orientation Program was conducted as part of Deeksharambh for the incoming first-semester students. The main aim of the program was to familiarize students with the academic components of their courses, the institute's policies, and to establish a rapport between students and faculty members. Additionally, details about the college's cultural and other societies were shared, with an emphasis on encouraging students to engage with these societies to enhance their holistic development. The overarching goal was to acquaint the new cohort with their curriculum, the diverse college societies, and the supportive alumni network.

DEPARTMENT OF HUMANITIES SUBJECT SOCIETY – ABHIVYAKTI

August 23, 2023: Abhivyakti organised a special lecture on "The Relevance of History as a Subject of Governance in Contemporary Times" convened at Seminar Hall (509) brought together intellectuals, scholars, students, and policymakers to deliberate on the vital role history plays in shaping governance in modern societies. The esteemed speaker for the lecture was IPS Shri Sanjay Singh, whose insightful perspectives added depth and nuance to the discussions.

September 14, 2023: The department organized an event on the occasion of Hindi Diwas. Dr. Smita Mishra Professor of Guru Teg Bahadur Khalsa College was called as a chief guest.

October 30, 2023: movie screen event was held featuring OMG 2 in the college auditorium.

November 5, 2023: On 5th November,2024 the Social Science and Humanities Department organized a one-day educational trip to ISKCON Temple, Lotus Temple, and Qutub Minar, aimed at providing participants with a comprehensive understanding of religious, cultural, and historical facets of India.

December 12, 2023: organized a cloth donation drive aimed at providing clothing to those in need. Collection point was set up at 5th floor of college to facilitate donations.

January 29, 2024: The Department held an interactive session on CUET postgraduate programs with notable alumni: Keshav Jha (DU LLB), Vikas Manda (JNU), Runesh(JNU), Akanksha Rawat (DU Philo) and Aviral (AUD History) which was an enriching experience for all participants.

February 9-14, 2024: Organised Departmental Trip to Kasol, Tosh, and Kutla - 9th -14th February with our teachers - Mr Rahul and Ms Sapna. Faculty members embarked on an enriching departmental trip to the scenic locales of Kasol, Tosh, and Kutla, spanning four days and three nights.

February 27, 2024: 27th February, 2024 organized a movie screening event featuring the film "Main Atal Hoon." The screening took place in Room No. 522.

DEPARTMENT OF MANAGEMENT STUDIES

SUBJECT SOCIETY – SPETTRO

August 16, 2023: An orientation program was organized for the fresh intake of BMS students. The objective was to provide comprehensive insight into their academic journey, including an overview of the course structure. Additionally, the session familiarized them with the student societies thriving within the college community. Moreover, students were introduced to the illustrious alumni network, showcasing the potential for future connections and mentorship opportunities.

September 5, 2023: Teacher's Day was joyously celebrated on the 5th of September in honor of the esteemed faculty members of the Department of Management Studies. Embracing this tradition with deep reverence and pride, we dedicated the day to express our heartfelt appreciation for the tireless dedication and invaluable guidance provided by our teachers and mentors. The festivities comprised speeches, captivating dance performances, and the presentation of tokens of gratitude to our esteemed educators.

October 19, 2023: Spettro, in partnership with UNICEF, organized an enlightening seminar titled "Digital Productivity." This collaborative initiative delved into cutting-edge methodologies and technological advancements geared towards maximizing efficiency and effectiveness in the digital era. The event provided a platform for attendees to engage in enriching discussions, hands-on workshops, and informative presentations, fostering a conducive environment for learning and collaboration among participants.

January 25, 2024: An esteemed talk on "Digitalization and Marketing" featuring Ms. Shruti Bhola, a seasoned Marketing Specialist. Participants gained valuable insights into marketing strategies and practices as Ms. Bhola shared her expertise in executing successful campaigns and leveraging marketing automation tools. Through engaging discussions and practical examples from her experiences at BT Group, KPMG, ELI India, and Cvent, attendees learned firsthand about the intricacies of modern marketing in the digital age.

February 27, 2024: The Bollywood Day was organized where students enthusiastically adorned themselves as beloved Bollywood characters. The event buzzed with energy as participants engaged in thrilling games, lively dance performances, and spirited song renditions. Winners were celebrated and awarded with prizes, adding an extra layer of excitement to the festivities. Through this event, students enjoyed a fun-filled day, and memorable experiences.

EDC CELL ACTIVITIES

September 15, 2023: The Entrepreneurship Development Cell of Deen Dayal Upadhyaya College, Delhi University organized Guest lecture on Entrepreneurship Development Cell and had the privilege of hosting Riya Upreti, a renowned Instagram influencer and successful entrepreneur, for an insightful session on entrepreneurship and her journey of her startup, The Fobet a psychology-based startup, of which she is the CEO and founder. Riya Upreti, with over

450,000 followers on Instagram, is primarily known for her career-oriented content, making her an ideal choice to inspire and guide aspiring entrepreneurs.

November 3, 2023: A stimulating brainstorming session was organized on creativity and innovation, led by the esteemed entrepreneur Mr. Simar Sekhri, founder of Sim and Simmi. The session's aim was to empower individuals and cultivate a culture of creative thinking. Mr. Sekhri, renowned for his own innovative approach, delved into the crucial role of creativity in problem-solving, achieving goals, and navigating challenges. He also shared valuable techniques for enhancing creative thinking, including embracing new experiences, collaborating with diverse individuals, and practicing divergent thinking.

November 30, 2023: A groundbreaking E-Summit was organized and the focal point of this summit was a captivating panel discussion featuring esteemed entrepreneurs, including Mr. Ravjot Arora, the visionary founder of Medulance; Ms. Malvica, the creative mind behind Quirky Naari; and Ms. Gretika Anand, the driving force behind Mopp Foods—all recognized personalities from Shark Tank. Additionally, the panel boasted the inspiring presence of Paritosh Anand, a motivational speaker and the founder of Believe Clothing. The summit was also embraced innovation through the 'Breakaway' B-Plan competition. Notably, Mr. Swapnil, a discerning judge from Deloitte, lent expertise to this competition, elevating the event's standards.

180 DEGREES CONSULTING DDUC

July, 2023: Completed three projects on The Silicon Valley Bank Collapse, Cloud Gaming Industry, The OTT Industry, A detailed comparison

August, 2023: Started the Client Acquisition process for consulting projects and successfully converted two including

Pahal ek Naya Prayas: Pahal has been working tirelessly to give impoverished children the chance to live like the rest of us by forcing them to learn, study, and enjoy their childhood; by encouraging and exposing them to the arts, bringing out their creative nature, introducing them to education, and making sure no child sleeps with rats hurdling in their stomach. Since its existence, our client has devoted itself to making the world a better place for such students by offering them education by opening up schools offering primary education and libraries so that students can borrow books and gain knowledge all for free.

Star Helping Hands foundation: It works in Paschim Vihar, West Delhi to try and help the poor, elderly and animals in need through community efforts. They wanted to enrich the life of the maximum number of people they can and for that they needed to raise funds to sustain their operations and create awareness about their NGO.

September, 2023: The two organizations (**Pahal ek Naya Prayas and Star Helping Hands foundation**) signed the contracts in the first week of September, so we started with the research

and analysis to come up with solutions for them. Also acquired and signed a third Client KAPLANET based in Uganda. **KAPLANET** Founded in 2019 in Kasese, Uganda, Kaplanet supports marginalized women by fostering independence among women through upskilling and learning initiatives.

September 13, 2023: Planned and executed our orientation on the theme “Why Consulting?”. Started with the Recruitment process with round 1 being an online submission round and Round 2 which was a case interview round held on September, 26-28.

TRAINING AND CAREER CELL

September 12, 2023: The TCC orientation was organized for the new cohort of BMS students to acquaint them with the BMS-oriented placement cell, which diligently strives for the enhancement of students' prospects by providing opportunities for internships during their college tenure. The session covered various topics, including the functions of TCC placement coordinators and council, insights into past recruiters, alumni relations, and the advantages of being a part of this esteemed society.

September 12, 2023: The students were instructed on the process of crafting an effective LinkedIn profile. The session covered key aspects such as personal branding, emphasizing the techniques for establishing a professional presence on LinkedIn. Additionally, the students were provided guidance on building connections and approaching individuals within the LinkedIn network. Furthermore, the proper method for adding certificates and courses was demonstrated to enhance the overall professional representation on one's LinkedIn profile.

September 17, 2023: TCC Recruitment was accomplished. We facilitated a group discussion by organizing students into smaller groups and assigning diverse topics for in-depth exploration. Additionally, we conducted individual interviews with the students, evaluating them based on their skills, knowledge, confidence, professionalism, and their expressed willingness to contribute to and engage with the society.

INTERNSHIPS

Triedge: 29-10-2023

An integrated career platform for the ambitious professional.

Job Profile: Corporate Relationship Building Intern, Social Media Hiring, Campus Recruitment/HR Intern, Data Sourcing Intern & SMM Content Research Intern

Duration: 2 Months

Location: Work from home

Stipend: Unpaid

Agile Capital Services: 19-09-2023

Agile Capital Services Is One of India's Emerging Consulting firms. ACS, provide Wealth Management Services to High and Ultra High-Net-Worth Individuals.

Job Profile: Marketing Intern

Duration: 1 month

Vacancies: 25

Location: Work from home

Stipend: Up to 4k (Performance based)

Neophyte Consulting Services: 09-08-2023

Neophyte Consulting Services is an emerging Business Consultant firm, that collaborates with visionary leaders to create adaptive strategies for today's complex and uncertain world.

Job Profile: Business development intern & Human resource intern

Duration: 2 Months

Vacancies: 50

Location: Work from home

Stipend: Up to 4k (Performance based)

Tradeshala: 10-07-2023

Tradeshala is a research and consulting firm based in the city of Bangalore, India.

Job Profile: Finance, HR & Marketing Intern

Duration: 2 Months

Location: Work from office

Stipend: 3600 – 1,05,000 (Performance based)

PLACEMENT DRIVES

Codeyoung: 20-08-23

Codeyoung's mission is to channelize and provide purpose to inquisitive and creative young minds by assisting them in discovering and understanding technology in the most organic manner.

Job Profile: International Sales Specialist

CTC: 7,36,000/-

Selected Students:

1. Sanskar Kumar
2. Mayur Kumar
3. Yuvraj Singh
4. Abhishek Saha

Preferred Square: 06-10-2023

Preferred Square is a company that offers offshore management consulting, investment advisory, and business analytics support to family offices, fund managers, advisors, and

corporations globally. Out of the 46 students who participated in the placement drive, 6 were successfully placed. The selected candidates are as follows:

Job Profile: Business Analyst

CTC: 6,34,405/-

Selected Students:

1. Nabh Garg
2. Pragya Goyanka
3. Anuj Pahuja
4. Kunal Chopra
5. Shubham Sarda
6. Gargi

SOCIAL RESPONSIBILITY CELL

February 11, 2024: The Social Responsibility Cell of Deen Dayal Upadhyaya College, in collaboration with Prasharya Welfare Foundation, conducted a Menstrual Hygiene Awareness and Pad Distribution Drive at the J.J. Colony in Dwarka Sector 16. The drive aimed to address the crucial issue of menstrual hygiene and provide support to women in need.

February 25, 2024: A visit to Davo Old Age Home, located near Dwarka Metro Station was organized. The aim of the visit was to spread joy and provide companionship to the elderly residents. A team of approximately 40 volunteers participated in this initiative. The volunteers distribute gifts among the residents. These simple yet heartfelt gestures were greatly appreciated by the elderly individuals, who welcomed the visitors with warmth and gratitude. Various activities were organized to engage the residents and uplift their spirits.

DEPARTMENT OF MATHEMATICS

SUBJECT SOCIETY– HARISH CHANDRA MATHEMATICAL SOCIETY

October 13, 2023: A lecture titled "Cryptography, the science of secure communication" was delivered by Dr. Shanta Laishram, Professor, Indian Statistical Institute, New Delhi. The speaker elucidated the fundamental principles of cryptography and its application in ensuring the confidentiality, non-repudiation, integrity, and authenticity of information. He then highlighted the increasing need for cryptography in the modern digital age, given the vulnerabilities associated with data transmission and storage.

October 13, 2023: A captivating lecture by Dr. Saurav Ghosh, Assistant Professor, Ashoka University on "mesmerizing journey through various mathematical realms". The lecture covered an array of fascinating topics, each designed to demonstrate the simplicity and

power of foundational mathematical ideas including Cantor's Diagonal Argument, Euler Characteristic, Hairy Ball Theorems and Tiling Using Convex Symmetric Polygons

November 4, 2023: An educational and cultural trip was organized to explore the rich historical and architectural heritage of Delhi. The trip was designed to provide our students with a unique blend of mathematical insights and cultural experiences. A group of 100+ students, accompanied by our faculty members, embarked on a journey to visit four iconic destinations: the Lotus Temple, ISKCON Temple, Waste to Wonder Park, and Qutub Minar.

February 24, 2024: An alumni meet was held which was marked by a blend of nostalgia, camaraderie, and insightful exchanges. The highlight of the event was the interactive sessions on stage, where alumni were invited to share anecdotes, talents, or reflections from their time at the college. These moments fostered a sense of belonging and unity among the attendees. Among the distinguished alumni present, Manisha Bhargava, from the batch of 2001, stood out as an inspirational figure. Currently, an entrepreneur, she shared fond memories of her college life, highlighting the vibrant atmosphere and the supportive community of teachers. Another notable alumnus, Nitesh, from the batch of 2021, shared his recent accomplishment of clearing the National Eligibility Test (NET), inspiring the younger alumni with his academic achievements and dedication to his field of study.

February 29, 2024: The Society in collaboration with Science Foundation orchestrated a meticulously planned Auction Event with a Mathematical touch. Thirty teams of 2-3 students participated in the event to demonstrate their strategic acumen and financial prowess.

March 2-3, 2024: 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 enthusiastically participated in the events, which included the Visualising Math, Papyrus Perspectives, Matharon, Sudoku, Encrypto, Quizzel 2.0, Tambola, Freaky Finders, and Mini games.

DEPARTMENT OF OPERATIONS RESEARCH SUBJECT SOCIETY – OPTIZONE

The session commenced with the orientation program to give a warm welcome to the incoming freshers (new batch of students), offering them an introduction to the department, new NEP course-related details, and glimpses of the activities organized by the Optizone society of the department in past years.

October 10, 2023: Workshop on "Product Pricing Research Technique" was held where various pricing research techniques were introduced to students to set a price of the product. The workshop was conducted by Mr. Rajat Goel from Statworld Research Solution Pvt. Ltd.

November 2, 2023: Workshop on Partial Least Squares Structural Equation Modelling (PLS-SEM) was conducted. The workshop, led by Prof. Sonali Singh from Jaipuria Management Institute, enlightened students about the application and significance of PLS-SEM in quantitative research, showcasing its potential as a game-changer in research methodologies.

February 7, 2024: The society organized a seminar, featuring Mr. Rohit Suri, Chief Mentor, as the guest speaker. Mr. Suri shared valuable insights on preparing for the Common Admission Test (CAT) and strategies to excel in the examination, providing students with practical tips and guidance.

March 2-3, 2024: The pinnacle of the year was the annual fest, Opticon, held on 2nd and 3rd March 2024. The fest spanned two days and featured a variety of events. The first day included engaging activities such as panel discussions and mock stock, while the second day featured events like debates, moot court, and cosplay, providing students with a platform to showcase their talents and engage in intellectual discourse.

DEPARTMENT OF PHYSICS

SUBJECT SOCIETY – ARYABHATTA SCIENCE FORUM (ASF)

February 28, 2024: The Science Foundation Committee, under the aegis of DBT Star College Program and Physics subject society; Aryabhatta Science Forum, organized Pragyan -A National Level Quiz Competition on National Science Day under the convenorship of Dr. Kulvinder Singh. The theme of the quiz was Science and Technology, attracting 95 teams from different colleges. The competition consisted of three rounds, with 54 teams participating in round I, each comprising two members. After a rigorous round I, 33 teams qualified for round 2, and finally, 6 teams made it to the final round.

February 28, 2024: On the occasion of National Science day, The visit to the Inter University Accelerator Centre (IUAC) in Delhi was an enriching experience, offering insights into the forefront of scientific research and technological innovation.

The program featured two keynote lectures by eminent scholars in their respective fields.

Prof. K Ramasubramanian from IIT Mumbai delivered a captivating lecture on "The Maths and Astronomy of Aryabhata" shedding light on the profound contributions of the ancient Indian mathematician and astronomer.

Prof. O.S.K.S. Sastri from CUH Dharmasala delivered a special lecture on "Indigenous Technologies for Viksit Bharat" emphasizing the importance of harnessing indigenous knowledge for national development.

Dr. N Madhavan, scientist at IUAC, provided an insightful overview of the accelerators and research facilities at IUAC, highlighting the institution's cutting-edge infrastructure and ongoing research projects.

A talk on "Different dimensions of Vigyan Bharati" was delivered by Dr. Druv Prasad Soni from Indraprastha Vigyan Bharati, exploring the diverse facets of science and its role in shaping society.

A science quiz added an element of fun and interactive learning to the program, engaging participants in testing their knowledge and understanding of scientific concepts. Following the quiz, participants enjoyed a well-deserved lunch break, providing an opportunity for networking and informal discussions. Out of 194 students 11 students qualified for the next

round. One of the students from our college—Manish Kumar, B.Sc. (H) Physics 2nd year won the second prize. Mr. Dhruv Prasad Soni, Indraprastha Vijnan Bharati, awarded him with books and a T-shirt sent by ISRO along with a certificate.

March 7, 2024: A workshop titled “Empowering Relationships: Navigating Challenges with Grace” for the students was conducted to guide them to understand the complexity of relations. The workshop was conducted by experts from “Talk to Angel” group Delhi on the occasion of Women’s Day. More than sixty students participated in the event. The students were given explicit understanding of relations by lecture, small skits and interactive discussions.

DEPARTMENT OF ZOOLOGY

SUBJECT SOCIETY – SYNAPSES

August 16, 2023: An orientation program for B.Sc. (H) Zoology students was organized with an aim to familiarize the students with the curriculum, rules and regulations of the college teaching methodologies and the co-scholastic activities.

September 5, 2023: The Teacher’s Day was celebrated by the students of Zoology and Life Sciences department to express their gratitude for the immense contribution put forth by their teachers towards their development. Teachers are the cornerstone of students’ future. The day was celebrated with a lot of anticipation, for the sheer spirit of the occasion.

September 19, 2023: Synapses, Synapses, the Zoological Society of Deen Dayal Upadhyaya College organized an Alumni Interaction Meet, a program to facilitate, consolidate and coordinate alumni activities. The event started with introductory remarks by Honorable Principal Sir, Dr. Hem Chand Jain followed by a warm welcome by the Convener, Dr. Priya Goel, along with other faculty members of the department, many enthusiastic alumni students and current students of the department joined the event. There was a special celebration that included a few entertaining performances and poetries by the students.

October 5, 2023: A one-day educational trip programme was organized by the Synapses - the zoological society under Deeksharambh – student induction program, Department of Zoology, Deen Dayal Upadhyaya College on October, 2023. The students were captivated by the diverse range of animals and birds present at the zoo. They were particularly enthralled by the Tiger, Elephant, Gaur, and Lion exhibits, where they had the chance to witness these majestic creatures up close. Students actively participated, asking insightful questions and showing genuine interest in learning about the wildlife.

October 12, 2023: An intercollege tattoo-making competition on the occasion of “World Migratory Bird Day” was organized which brought together students from different colleges and almost every department to raise awareness about the importance of protecting migratory birds and their habitats.

Student Lecture Series

September 29, 2023: “Experience with Cryobiology and ART at National Centre for Biological Sciences, InStem Bangalore” The Student Lecture series -01 was delivered by Swarnava Dutta, student of B.Sc. (Hons) Zoology second year. He was shortlisted and got an opportunity to attend the hands-on Workshop on Cryobiology and Assisted Reproductive Technologies (ARTs) in the Laboratory Mouse from September 11-14, 2023 organised by the National Centre for Biological Sciences, InStem Bangalore. During the session, he discussed and shared his experiences, and what he learned up there. He discussed the upcoming advancements made in fertility techniques, shared the procedures that he learned in the practicals and elaborated on what he did during the four-day-long program. He shared his four-day long schedule that he attended and the hands-on practical experiences he had there.

October 17, 2023: “mRNA Vaccines and Discovery of Covid-19 Vaccine: the Road To Noble Prize” by Abhishek Kumar, B.Sc. Life Sciences (2nd year). The speaker talked about the details of mRNA vaccines covering the different aspects including how the mRNA vaccines work on humans, he also described spike proteins (where they are located and how they work) and a schematic representation of two mRNA vaccines through a presentation.

January 29, 2024: “Understanding Menstruation: Dispelling Myths Through Scientific Insights”, by Aditi Rawat and Abhishek Kumar. The lecture aimed to tackle misconceptions surrounding menstruation. Approximately 50 students attended the lecture, actively participating and demonstrating a keen interest in the scientific insights presented.

February 7, 2024: ‘Machine Learning and Its Applications’ Om Prakash Kumar, student of B.Sc.(H) Zoology V semester. **The** lecture aimed to enlighten students about the fascinating world of machine learning. The presenter focused on the key aspects of Deep Learning and Artificial Intelligence.

March 20, 2024: Synapses, The Zoological Society of Deen Dayal Upadhyaya College, University of Delhi, organized Zoofeate’24 – the Annual Departmental fest at inter college level. Various inter-college events were organized with active participation from various colleges of University of Delhi. Inter-college competitions in including Rangavali – The Rangoli Making Competition, Treasure Hunt, Spell Bee, Tune Twister.

ACHIEVEMENTS OF THE FACULTY 2023-24

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

- **Prof Monika Bansal**, Interview Board member for the conduct of Ph.D. Admission Interviews on 13-15 September 2023 and January 11, 2024 at Department of Commerce, Delhi School of Economics, 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 Nisha Rana**, Interview Board member for the conduct of Ph.D. Admission Interviews on 13-15 September 2023 and January 11, 2024 at Department of Commerce, Delhi School of Economics, University of Delhi.
- **Dr. Sudhir Verma**, Member, Committee of Courses for Undergraduate and Honors in Zoology from December 20, 2021- December 19, 2023 (Vide letter no. FOS-II/114/2022/72 dated February 09, 2022)
- **Prof Arpita Sharma**, Member of committee of undergraduate courses of Computer science Dept of Delhi University for two years from “November 2021 to October 2023”.

MEMBERSHIP OF OTHER PROFESSIONAL/ ACADEMIC BODIES/ COMMITTEES

Dr. Kapil Bohra

- Lifetime member of 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 membership of the Indian Mathematical Society. Membership No. N-09-066
- Life membership of the Indian Science Congress Association. Membership No. L14981

Dr. Poonam Garg

- Reviewer for Mathematical Reviews (81508)

Dr. Rashmi Gupta

- Life member of 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)
- Member – IEEE Electron Device Society (USA) Board of Governors (2021-2023)
- IEEE Electron Device Society Distinguished Lecturer
- Associate Editor-in-Chief– IEEE Electron Device Society Newsletter ISSN: 1074 1879

Dr Shailly Anand

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

Dr. Sangeeta Talwar

- Member of the 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

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

AWARD/HONOURS RECEIVED AT INTERNATIONAL / NATIONAL LEVEL

- **Dr Lalit Kumar** received the Valley of Words (VoW) Book Award in December 2023 from the respected Ramesh Pokhriyal Nishank in Dehradun for his translation of 'The Bride: The Maithili Classic Kanyadan'.
- **Prof Ravinder Kaur** awarded 'Women Education leader of the Year' by International Institute of Influencers, at IISA 2023, Nation Building Carnival held on 29th July 2023 at Dubai.
- **Prof. P. K. Jha** received "Active Researcher Grant for Publication" from Deen Dayal Upadhyaya College, University of Delhi vide letter No. DDUC.2023-24/R. Project/1476 dt 21.3.2024.
- **Prof Manoj Saxena** received "Active Researcher Grant for Publication" from Deen Dayal Upadhyaya College, University of Delhi vide letter No. DDUC.2023-24/R. Project/1475 dt 21.3.2024.
- **Dr. Nityanand Agasti** received "Active Researcher Grant for Publication" from Deen Dayal Upadhyaya College, University of Delhi vide letter No. DDUC.2023-24/R. Project/1474 dt 21.3.2024.

UGCF-2023 CURRICULUM DEVELOPMENT

1. **Dr Anju Agarwal**, Member of the 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. **Dr. Mamta Amol Wagh**, Member, Syllabus drafting committee for B.Sc. (H) Mathematics DSC-9: Discrete Mathematics (3L + 1P)

3. **Dr. Poonam Garg**, Member, Design of new Curricula and Courses, Faculty of Mathematical Science (University of Delhi)
4. **Prof Manoj Saxena**, Member Core Committee of restructuring of B.Sc (H) Electronics/ Instrumentation courses under the new NEP framework since January 2022
5. **Dr. Nityananda Agasti**, Member, Department of Chemistry, University of Delhi.
6. **Dr. Sudhir Verma**, Member of NEP-UGCF syllabus drafting committee, Department of Zoology for the following papers:
 - Core: Evolutionary Biology
 - GE: Model organisms in research
 - SEC: Medical Genetics

7. Prof Arpita Sharma

- Prepared Syllabus and guidelines for “DISCIPLINE SPECIFIC ELECTIVE COURSE: Data Analysis and Visualization” for B.Sc. (Hons) Comp Sc. Sem III UGCF.
- Prepared Syllabus and Guidelines for B.Sc. Prog. Computer Science Sem IV DSE 01a: Python Programming for Data Handling (Admission 2022 onwards)
- Prepared syllabus and guidelines for “Generic Elective: Database Management Systems (UGCF)Sem-III.
- Prepared syllabus and guidelines for “B.A. (Programme) (NEP-UGCF-2022) Semester I.
- Prepared syllabus and guidelines for B.Sc. (Programme)(NEP-UGCF-2022) Semester I paper with UPC: 2342571101 titled Programming Fundamentals Using C++.
- Prepared syllabus and guidelines for “DSC04: Object Oriented Programming with C++” of B. Sc(H) Computer Science Sem II.

RESEARCH GUIDANCE

Faculty Name	Level of Guidance	Number of candidates registered
Professor Manoj Saxena	Ph.D.	4
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. Nityananda Agasti	M.Phil.	2
Dr. Nityananda Agasti	Ph.D.	2
Prof Arpita Sharma	Ph.D	1

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

Faculty Name	Level of Guidance	Number of candidates registered
Dr. Mahaveer Genwa	UG Dissertation	2
Dr Chetna Angrish	UG Dissertation	2
Dr. Nityananda Agasti	UG Dissertation	4
Dr. Nityananda Agasti	PG Dissertation	2

MAJOR/MINOR PROJECTS

Title	Amount Sanctioned	Funding Agency	Date From	To	Name of the PI
<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	2022	2025	Prof. Manoj Saxena
<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	30/09/2022	30/09/2025	Prof. Manoj Saxena
<i>Development of Thermoelectric Energy Harvester using</i>	Rs 31,84,000/-	SERB	01/02/2023	28/02/2026	Prof. P. K. Jha

<i>Indium Selenide thin films</i>					
<i>Device Simulation for Advanced GaN HEMT Architectures for Ku band Application</i>	Rs 30,48,044/-	SSPL, DRDO	22/07/2022	21/11/2023	Prof. Manoj Saxena
<i>Study of optical properties of magnon dynamics for quantum device applications</i>	Rs. 30,00,000/-	DST	01/04/2024	31/03/2027	Prof. P. K. Jha
<i>Modelling of Sensitive Ring Laser Gyroscope for Meterological Application</i>	Rs. 29,80,000/-	CSIR	01/11/2023	30/11/2026	Prof. P. K. Jha
<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	01/08/2022	31/07/2025	Prof. Manoj Saxena
<i>Hyaluronan as a potential diagnostic marker for corneal stem cell quality and preservation medium supplement for improving transplantation success</i>	USD 10000.00	Lions Foundation for Sight, Texas, USA	2023	2024	Dr. Sudhir Verma
<i>Copper and Zinc metals: Ancient</i>	Rs. 5,25,000/-	Ministry of Education, Govt. of India	August 2023	February 2024	Dr. Nityanand a Agasti

<i>texts to artefacts in India</i>					
<i>Role of illiteracy in Tribal and its Impact on various government policies</i>	Rs. 5,00,000/-	ICSSR	08/04/2022	08/04/2024	Dr. Sangeeta Mohan
<i>Characterizing the progenitor-like properties of Transient Amplifying Cells (TACs) that present a Hyaluronan (HA)-rich glycocalyx</i>	USD 5000.00	ARVO Foundation for Eye Research and Eye Bank Association of America, USA	2023	2025	Dr. Sudhir Verma
<i>Synthesis, Characterization and Catalytic Application of doped CeO₂ nanostructures</i>	Rs. 3,00,000/-	DDU College	2024		Dr. Nityananda Agasti

PATENTS FILED/GRANTED

Number of National/International/Collaborative Patents	01 (National Level) to Prof. P. K. Jha Reference No. 202311040935
Title of National/International/Collaborative Patents	Photo-electrochemical water splitting based biosensor for detecting uric acid in the biological fluids

CONFERENCES ORGANIZED

Conference title	Date	Funding agency support	Convenor
XXV Annual International Conference on the broad theme " <i>WORLD PEACE: An essential ingredient for survival of humanity & the planet</i> "	06/01/2024 to 07/01/2024	ICSSR	Prof. Monica Bansal
9 th Annual International Commerce Conference – 2024 on Viksit Bharat in Amrit Kaal	14/03/2024 to 15/03/2024	ICSSR & Nergy	Prof. Nisha Rana and Prof. Monica Bansal

FACULTY AS EDITOR/REVIEWER IN JOURNALS

Dr. Mamta Amol Wagh was Reviewer for

- PAPER IN FILOMAT JOURNAL (February 2023) - reviewer of the manuscript, "Statistical Convergence of Sequences of Bi-complex Numbers Using BC- Orlicz Function," which has been submitted to FILOMAT.
- PAPER IN NEPAL MATHEMATICAL SOCIETY (April 2023) – reviewer of the manuscript, “ON SOME PROPERTIES OF EIGENVALUES AND EIGENVECTORS OF BICOMPLEX MATRIX” submitted to Journal of Nepal Mathematical Society (JNMS)
- PAPER IN DBRAU CONFERENCE – reviewer of the manuscript “A Model for the Diagnosis and Prognosis of Breast Cancer Based on Fuzzy Expert” submitted to ICMSA-2023 during March 24-26, 2023.
- Asian-European Journal of Mathematics (AEJM) – reviewer of the manuscript "Matrix representations of linear transformations on bicomplex space" for Asian European Journal of Mathematics - manuscript reference is AEJM-D-23-00409.
- Journal of Calcutta Mathematical Society – reviewer of the manuscript entitled “Weyl fractional operators of bicomplex order and Its Significant Properties.” Article ID# 3847511920240216

Dr. Poonam Garg

- Reviewer for Mathematical Reviews (81508)

Prof Manoj Saxena was Reviewer for

- IEEE Access ISSN: 2169-3536
- IEEE Transactions on Electron Devices ISSN: 1557-9646
- IEEE Transactions on Microwave Theory and Techniques ISSN: 1557-9670
- IEEE Electron Device Letters ISSN: 1558-0563
- IEEE Sensors Journal ISSN: 1558-1748
- IEEE Transactions on Circuits and Systems II: Express Briefs ISSN: 1549-7747
- International Journal of RF and Microwave Computer-Aided Engineering ISSN: 1099-047X
- Electronics Letters ISSN: 1350-911X
- International Journal of Numerical Modelling: Electronic Networks, Devices and Fields
- ECS Journal of Solid-State Science and Technology ISSN: 2162-8777

- Physica Status Solidi (a)

RESOURCE PERSON/ INVITED SPEAKER

Dr. Charu Kalra

- Invited as Keynote Speaker in Seminar on National Youth Day organized by MDU-CPAS, Gurugram University on 12th January, 2024.
- Delivered Talk on the topic Solid Waste Management as resource person in a seminar organized by NSS Unit of Satyawati College (eve.), University of Delhi held on 13th February 2024.
- Delivered Talk on the topic Contributions of Indian Women in S&T as resource person for Online Global Women Breakfast event on “Role and Achievements of Women in Science” held on 27th February 2024 organized by Baba Farid University of Health Sciences (BFUHS), Faridkot in collaboration with Association of Chemistry Teachers.
- Delivered Expert Talk on the topic Dragon fruit: nutraceuticals and its sustainable development in awareness workshop on “Use of non-traditional crop and medicinal plant “Dragon Fruit” for health and healthy environment” for Farmers/Students/Stakeholders dated 19th March, 2024, organized by Baba Farid University of Health Sciences (BFUHS), Faridkot.

Prof Manoj Saxena

- January 26, 2023 - IEEE DL Talk on "Journey through Three Magical Months 75 years ago: Transistor Invention" in Online Mini Colloquium: 75 Years of Transistor organized by Department of Electronic, Electrical and Automatic Control Engineering, University Rovira i Virgili, Tarragona, Catalonia, Spain
- January 29, 2023 - IEEE Distinguished Lecture (DL) in IEEE EDS Mini-Colloquium jointly to be held with 3rd International Conference on Micro/Nanoelectronics Devices, Circuits, and Systems (MNDCS-2023) held during 29-31 Jan 2023 at IEEE ED National Institute of Technology Silchar Student Branch Chapter, Assam, India
- August 20, 2023 - Technical Talk on "Nurturing Scientific Passion: Facilitating Teacher-Led Discourse on Science Education: The Right Motivation - A Key to Ignite Passion for Science" at RuSETUP – 2023 INYAS Flagship event on Rural Science Education and Training Utility Program (RuSETUP) Jointly being organized by Delhi NCR chapters of INYAS, INSA and NASI
- September 19, 2023 - Technical Talk on "75 Years of Transistor Invention - Conventional BJT to Novel GaN HEMT Designs" in CEP course titled ‘GaN for Optoelectronic and Electronic Devices’ held during 18th – 22nd Sep 2023 at Solid State Physics Laboratory, Lucknow Road, Timarpur, Delhi 110054
- October 06, 2023 - Technical Talk on "75th Anniversary of the Transistor" in Hands-on workshop on IoT in collaboration with Eigen Technologies organized by Dept. of Electronics Communication and Engineering, Indira Gandhi Delhi Technical University for Women, Delhi - 110006
- October 06, 2023 - Technical Talk on "75th Anniversary of the Transistor" in Hands-on workshop on PCB designing and fabrication organized by Department Of

Instrumentation & Department Of Electronics, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, India-110096

- November 03, 2023 - Technical Talk on "NEP 2020: Science, Technology, and Innovation & The Right Motivation - A Key to Ignite Passion for Science" in College Outreach Program for School Children - Electronic Enthusiasts organized by Maharaja Agrasen College, University of Delhi
- November 30, 2023 - IEEE Distinguished Lecture (DL) talk on "Journey through Three Magical Months 75 years ago: Transistor Invention" in the one-day Mini Colloquium (MQ) on "Latest Advances in Electronic Devices and Circuits" in the Dept of Electronics, University of Jammu in collaboration with IEEE EDS Delhi Chapter November 30 (Thursday), 2023

Prof Ravinder Kaur

- Delivered a Session on "Nuances of Innovation and Entrepreneurship" at Keshav Mahavidyalaya, University of Delhi on 8th March 2024.
- Actively contributing as a Resource person at Punjabi University, Patiala on National Education Policy (NEP) Orientation & Sensitization Program under UGC Malaviya Mission Teacher Training center.
- Guest Speaker in the Faculty Development Program (FDP) on "Role of Emerging Technologies in Industrial Revolution" at Chandigarh University on 7th July 2023.
- Guest Speaker in Panel Discussion on 'Education 5.0', held during India Start-up Festival, Bangaluru on 12th August 2023.
- Guest Speaker in Capacity building and Leadership Programme, organized by Chandigarh University on 29th August 2023.
- Resource Person and conducted online session on 'Design Thinking' on 31st August 2023 as a part of Three weeks Women Entrepreneurship Development Programme (WEDP) on "Empowering Entrepreneurship for Health, Food and technology Innovation" sponsored by DST.
- Expert Speaker for Advanced Credit Program-2023 (Level-2) Flagship Program of Chandigarh University on September 09, 2023.
- Delivered a Session on 'Inculcating Lateral Thinking' at Kamla Nehru College, University of Delhi on September 13, 2023.
- Delivered a Session on 'Incubation and Funding Opportunities for Start-up Ventures' at Maitreyi College on September 04, 2023.

Dr. Vinod Kumar

- Institutional Teacher Training Program -Resource Person (01/06/2023 - 04/06/2023)

Dr. Mamta Amol Wagh

- Resource Person in the Institutional Teacher Training Program for STEM Awareness of School Teachers of Uttarakhand held during June 20-23, 2023 at Deen Dayal Upadhyaya College, University of Delhi, New Delhi 110078.

- Resource Person in Hands-on Workshop on Calculus with Mathematica (For B.Sc. physical science and mathematics Hons students) (Nov. 2nd & 3rd 2023) under the aegis of DBT star college program.
- Resource Person in Hands-on Workshop in Partial Differential Equations & Applications (For B.Sc. Physical science/Mathematical science students) (Dec. 4th, 2023) under the aegis of DBT Star College Program.
- Resource Person in a Hands-on Workshop on Discrete Mathematics with Mathematica (For B.Sc. Hons. mathematics/ B.Sc. Physical science/Mathematical science students) (07th Dec. 2023) under the aegis of DBT Star College Program.
- Resource Person in Hands-on sessions of National Workshop on “Optimization and Its future perspectives” held during 12-16, March 2024, organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Program, Govt. of India.

Prof Monika Bansal

- Technical Session Co-Chair at International Conference on “World Peace: An Essential Ingredient for Survival of Humanity & the Planet” January 6-7, 2024 by Delhi School of Professional Studies and Research, DSPSR (Affiliated to GGSIP University).
- Technical Session Chair at International Conference “Creating Agility in Business and Technology with special reference to innovative legal and Managerial strategies” on 2nd February 2024 at Gitarattan International Business School, GGSIPU.
- Resource person in the HR Seminar on “Remote Work and Hybrid Workforce Management on 17th February 2024 at Gitarattan International Business School, GGSIPU.
- Technical Session Chair at 9th Annual International Commerce Conference – 2024 on Viksit Bharat in Amrit Kaal, 14 -15 January, 2024 organized by Deen Dayal Upadhyaya College and Department of Commerce, Delhi School of Economics held at Deen Dayal Upadhyaya College, DU.

Dr Poonam Garg

- Resource Person in Hands-on Workshop on “Calculus with Mathematica” held on Nov. 2nd & 3rd 2023, organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT star college program and Science foundation
- Resource Person in Hands-on Workshop on “Partial Differential Equations & Applications” held on Dec. 4th, 2023 organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Program, Govt. of India.
- Resource Person in a Hands-on Workshop on “Discrete Mathematics with Mathematica” held on 07th Dec. 2023, organized by Department of Mathematics, Deen

Dayal Upadhyaya College under the aegis of DBT Star College Program, Govt. of India.

- Resource Person in Hands-on sessions of National Workshop on “Optimization and Its future perspectives” held during 12-16, March 2024, organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Program, Govt. of India.

Dr. Chetna Angrish

- Resource person in National Science day’24 held on 28-29th February 2024 in Deen Dayal Upadhyaya College, University of Delhi.
- Resource person in the workshop-“greener photochemistry for undergraduate students” held on 5th & 12th October 2023 in Deen Dayal Upadhyaya College, University of Delhi.

Dr Sunil Kumar

- Keynote Speaker in one day National Webinar on “Purpose and Effect of Value Based Education” organized by Savrgiye Nagulal Malvia Shaskiye Mahavidhalya, Gattia, Ujjain and Higher Education Department M.P. on 14 August 2023.

Prof. Nisha Rana

- Resource person in UGC- Human Resource Development Center, Jawaharlal Nehru University for Faculty Induction Program-13 on 4th August 2023 on the Topic- Mainstreaming Gender in Academic Leadership.
- Resource person in Certificate course “Understanding women Studies and Indian Feminism” organized by Women Studies Development Center, University of Delhi on 18th August 2023
- Technical Session Co-Chair at International Conference on “World Peace: An Essential Ingredient for Survival of Humanity & the Planet” January 6-7, 2024 by Delhi School of Professional Studies and Research, DSPSR (Affiliated to GGSIP University).
- Technical Session Co-Chair at 9th Annual International Commerce Conference – 2024 on Viksit Bharat in Amrit Kaal, 14 -15 January, 2024 organized by Deen Dayal Upadhyaya College and Department of Commerce, Delhi School of Economics held at Deen Dayal Upadhyaya College, DU.
- Invited as Guest of Honor at School of Languages, JNU, for a seminar on “Amrit Kaal- On To 2047” held on 13th March 2024

Dr. Nityananda Agasti

- Resource person in Faculty Induction Program (FIP-13) on “ MOODLE for making teaching and learning interactive” held on Aug 01, 2023 organized by Indian Institute of Technology Roorkee, Uttarakhand

- Resource person in G-20 Impact Summit on ‘‘ National Education Policy’’ held on Aug 02, 2023 organized by UGC (Organized by UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi)
- Resource person in Student Development Program on ‘‘ Chemistry for Household’’ held on Aug 11, 2023 organized by Aditi Mahavidyalaya, University of Delhi
- Resource person in Faculty Development Program on ‘‘ Heritage of Chemistry and Metallurgy in India’’ held on Aug 18, 2023 organized by Center for Professional Development in Higher Education (CPDHE) University of Delhi
- Resource person in Faculty Induction Program (FIP-14) on ‘‘ Heritage of Chemistry and Metallurgy in India’’ held on Oct 13, 2023 organized by UGC (Organized by UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi)
- Resource person in Faculty Development Program - Short Term Course on Indian Knowledge System (IKS) on ‘‘ Heritage of Chemistry and Metallurgy in India’’ held on Oct 20, 2023 organized by University Grants Commission & IKS Division, Ministry of Education, Govt. of India
- Resource person in Faculty Development Program - Faculty Induction Program (FIP-14) on ‘‘ Heritage of Chemistry and Metallurgy in India’’ held on Nov 24, 2023 organized by UGC (Organized by UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi)
- Resource person in NEP Orientation and Sensitization Program on ‘‘ Indian Knowledge System: Science & Technology’’ held on Feb 06, 2024 organized by Center for Professional Development in Higher Education (CPDHE) University of Delhi
- Resource person in NEP Orientation and Sensitization Program on ‘‘ Indian Knowledge System: Science & Technology’’ held on Feb 20, 2024 organized by Center for Professional Development in Higher Education (CPDHE) University of Delhi
- Resource person in NEP Orientation and Sensitization Program on ‘‘ Indian Knowledge System: Science & Technology’’ held on March 07, 2024 organized by Center for Professional Development in Higher Education (CPDHE) University of Delhi

Dr Rashmi Gupta

- Resource person in Hands-On Workshop in Discrete Mathematics with Mathematica organized by Deen Dayal Upadhyaya College under DBT Star College Scheme held on 7th December 2023.
- Resource person in Hands-On Workshop in PDE and its Applications organized by Deen Dayal Upadhyaya College under DBT Star College Scheme held on 4th December 2023.
- Resource person in Hands-On Workshop in Excel organized by Deen Dayal Upadhyaya College under DBT Star College Scheme held on 21st November 2023.

- Resource person in Hands-On Workshop in Calculus with Mathematica organized by Deen Dayal Upadhyaya College under DBT Star College Scheme held during 2nd-3rd November 2023.
- Resource Person in National Workshop on “Numerical Optimization and its future prospective” Organised by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held during 12-16 March 2024.

Dr Tarachand Prajapati

- Resource person in Hands-On Workshop in Discrete Mathematics with Mathematica organized by Deen Dayal Upadhyaya College under DBT Star College Scheme held on 7th December 2023.
- Resource person in Hands-On Workshop in PDE and its Applications organized by Deen Dayal Upadhyaya College under DBT Star College Scheme held on 4th December 2023.
- Resource person in Hands-On Workshop in Excel organized by Deen Dayal Upadhyaya College under DBT Star College Scheme held on 21st November 2023.
- Resource person in Hands-On Workshop in Calculus with Mathematica organized by Deen Dayal Upadhyaya College under DBT Star College Scheme held during 2nd-3rd November 2023. Resource Person at National level Faculty Induction Program (FIP-9) on August 24, 2022 at the UGC on the topic ‘Course Designing using MOODLE’ (Organized by UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi)
- Resource Person in Hands-On session in National Workshop on “Numerical Optimization and its future prospective” Organised by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held during 12-16 March 2024.

Mr. Amlendu kumar

- Resource Person in Hands-on Workshop on Calculus with Mathematica (For B.Sc. physical science and mathematics Hons students) (Nov. 2nd & 3rd 2023) under the aegis of DBT star college program.
- Resource Person in Hands-on Workshop in Partial Differential Equations & Applications (For B.Sc. Physical science/Mathematical science students) (Dec. 4th, 2023) under the aegis of DBT Star College Program.
- Resource Person in a Hands-on Workshop on Discrete Mathematics with Mathematica (For B.Sc. Hons. mathematics/ B.Sc. Physical science/Mathematical science students) (07st Dec. 2023) under the aegis of DBT Star College Program.

- Resource Person in a National Workshop on Numerical Optimization and its Future Perspectives (12 th March 2024 to 16th March 2024) under the aegis of DBT Star College Program.

EDITED PUBLICATIONS

Prof Manoj Saxena

- As Associate Editor-in-Chief– IEEE Electron Device Society Newsletter, edited the following Volumes of EDS Newsletter

January 2023	Vol. 30, No. 1	https://eds.ieee.org/images/files/newsletters/Newsletter_Jan23.pdf
April 2023	Vol. 30, No. 2	https://eds.ieee.org/images/files/newsletters/Newsletter_Apr23.pdf
July 2023	Vol. 30, No. 3	https://eds.ieee.org/images/files/newsletters/Newsletter_July23.pdf
October 2023	Vol. 30, No. 4	https://eds.ieee.org/images/files/newsletter/EDS_Oct2023.pdf

ARTICLES IN EDITED WORKS

Dr. Sunil Kumar

- Kumar, Sunil (2023), Value Based Education: Need and Importance, edited, Maidamwar, Shekhar and Parmar, Manish, *Purpose and Effect of Value-based Education*, Aadhar Publications, Amravati, Maharashtra, India, pp. 11-19. [ISBN: 9789395494793]

EDITED BOOKS/TRANSLATED WORK/BOOK CHAPTERS PUBLISHED

EDITED BOOKS

Dr. Sachchidanand Tripathi

- Bhadouria R, Singh S, Tripathi SN, Singh P (2023) Understanding Soils of Mountainous Landscapes: Sustainable Use of Soil Ecosystem Services and

Management, Elsevier, ISBN: 9780323959254, DOI: <https://doi.org/10.1016/C2021-0-01577-7>

- Sachchidanand Tripathi, Rahul Bhadouria, Pratap Srivastava, Rishikesh Singh, Rajkumari Sanayaima Devi (2023), Ecophysiology of Tropical Plants: Recent Trends and Future Perspectives, CRC Press, ISBN- 9781003335054
- Rahul Bhadouria, Sachchidanand Tripathi, Pardeep Singh, P. K. Joshi, Rishikesh Singh, (2023), Urban Metabolism and Climate Change: Perspective for Sustainable Cities, Springer, ISBN- 3031294211, DOI: <https://doi.org/10.1007/978-3-031-29422-8>
- Sachchidanand Tripathi, Rahul Bhadouria, Priyanka Srivastava, Rishikesh Singh, Daizy R. Batish (2023), Plant Invasions and Global Climate Change, Springer, ISBN- 978-981-99-5909-9, DOI: <https://doi.org/10.1007/978-981-99-5910-5>
- Rishikesh Singh, Pardeep Singh, Sachchidanand Tripathi, K. K Chandra, Rahul Bhadouria (2023), Xenobiotics in Urban Ecosystems: Sources, Distribution and Health Impacts, Springer, ISBN- 978-3-031-35774-9, DOI: <https://doi.org/10.1007/978-3-031-35775-6>
- Rahul Bhadouria, Sachchidanand Tripathi, Pardeep Singh, Rishikesh Singh, Harminder Pal Singh (2024), Organic Micropollutants in Aquatic and Terrestrial Environments, Springer, ISBN- 978-3-031-48976-1
- Sachchidanand Tripathi, Rahul Bhadouria, Rishikesh Singh, Rajkumari Sanayaima Devi (2024), Eco-Politics and Global Climate Change, Springer, ISBN- 978-3-031-48098-0, DOI: <https://doi.org/10.1007/978-3-031-48098-0>.

Dr. Rajkumari Sanayaima Devi

- Sachchidanand Tripathi, Rahul Bhadouria, Pratap Srivastava, Rishikesh Singh, Rajkumari Sanayaima Devi (2023), Ecophysiology of Tropical Plants: Recent Trends and Future Perspectives, CRC Press, ISBN- 9781003335054
- Sachchidanand Tripathi, Rahul Bhadouria, Rishikesh Singh, Rajkumari Sanayaima Devi (2024), Eco-Politics and Global Climate Change, Springer, ISBN- 978-3-031-48098-0, DOI: <https://doi.org/10.1007/978-3-031-48098-0>

TRANSLATED WORK

BOOK CHAPTERS PUBLISHED

Dr. Veena Jain

- Optimization Using Linear Programming (Through Software) 2nd Edition, New age International Publishers, New Delhi, India, 2024, C-23-09-13804.

Dr. Sandeep Kumar

- Kumar S. (2024). Brassinosteroid Hormones: A Promising Strategy for Abiotic Stress Management in Plants under Changing Climate. In Ecophysiology of Tropical Plants [Edited By: Tripathi S., Bhadouria R., Srivastava P., Singh R. and Devi R.S.] (pp. 253-264). CRC Press

Dr. Sunil Kumar

- Kumar, Sunil (2023), Value Based Education: Need and Importance, edited, Maidamwar, Shekhar and Parmar, Manish, Purpose and Effect of Value-based Education, Aadhar Publications, Amravati, Maharashtra, India, pp. 11-19. [ISBN: 9789395494793].

Dr. Jyoti Singh

- Amreeta Preetam, Jyoti Singh, Sangeeta Talwar, Sunny Manohar, 2023, Chapter-2: Therapeutic approaches of schiff base metal complexes in the treatment of diabetes mellitus; Title of Book: Structural and biological applications of Schiff base metal complexes; Page no. 13-37; First Edition, CRC Press, ISBN No. 9781003291459.

Dr. Chayannika Singh

- Rakesh Kumar Parashar, Chayannika Singh, Jyoti Arora (2023) Title of Book: NTA CSIR-UGC NET/SET (JRF & LS) 2023 Chemical Sciences, Pearson India Education Services Pvt. Ltd. [ISBN 978-93-544-9669-1]

Dr. Sachchidanand Tripathi

- Bhadouria R, Tripathi S, Singh P, Joshi PK, Singh R (2023), Urban Metabolism and Global Climate Change: An Overview In: Bhadouria R, Tripathi S, Singh P, Joshi PK, Singh R (eds) Urban Metabolism and Climate Change. DOI: https://doi.org/10.1007/978-3-031-29422-8_1 (Springer, Cham.)
- Sadhna, Dhal PB, Tripathi S, Devi RS, Singh R, Bhadouria R (2023) Ecophysiological Responses of Tropical Plants to Rising Air Pollution: A Perspective for Urban Areas. In: Tripathi S, Bhadouria R, Srivastava P, Singh R, Devi RS (eds) Ecophysiology of Tropical Plants (pp. 73-81). (CRC Press)
- Dhal PB, Sadhna, Devi RS, Rishikesh Singh, Bhadouria R, Tripathi S (2023) Phytohormones: Role in Ecophysiological Responses of Tropical Plants to Varying Resource Availability, In: Tripathi S, Bhadouria R, Srivastava P, Singh R, Devi RS (eds) Ecophysiology of Tropical Plants (pp. 73-81). (CRC Press)

- Afreen T, Kumari S, Bhadouria R, Devi RS, Singh S, Tripathi S (2023) Plant Invasion and Soil Processes: A Mechanistic Understanding. In: Tripathi S, Bhadouria R, Srivastava P, Singh R, Batish DR (eds) Plant Invasions and Global Climate Change. (Springer, Singapore) DOI: https://doi.org/10.1007/978-981-99-5910-5_10
- Dar, M. A., Chuskit, R., Singh, R., Kaur, S., Tripathi, S., & Batish, D. R. (2023). Plant Invasion Dynamics in Mountain Ecosystems Under Changing Climate Scenario. In Plant Invasions and Global Climate Change (pp. 247-266). Singapore: Springer Nature Singapore.

Dr. Rajkumari Sanayaima Devi

- Sadhna, Dhal PB, Tripathi S, Devi RS, Singh R, Bhadouria R (2023) *Ecophysiological Responses of Tropical Plants to Rising Air Pollution: A Perspective for Urban Areas*. In: Tripathi S, Bhadouria R, Srivastava P, Singh R, Devi RS (eds) *Ecophysiology of Tropical Plants* (pp. 73-81). (CRC Press)
- Dhal PB, Sadhna, Devi RS, Rishikesh Singh, Bhadouria R, Tripathi S (2023) *Phytohormones: Role in Ecophysiological Responses of Tropical Plants to Varying Resource Availability*, In: Tripathi S, Bhadouria R, Srivastava P, Singh R, Devi RS (eds) *Ecophysiology of Tropical Plants* (pp. 73-81). (CRC Press)
- Afreen T, Kumari S, Bhadouria R, Devi RS, Singh S, Tripathi S (2023) *Plant Invasion and Soil Processes: A Mechanistic Understanding*. In: Tripathi S, Bhadouria R, Srivastava P, Singh R, Batish DR (eds) *Plant Invasions and Global Climate Change*. (Springer, Singapore) DOI: https://doi.org/10.1007/978-981-99-5910-5_10

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

Prof Ravinder Kaur

- Completed 7 days Faculty Development Program on ‘Design Thinking and Innovations’ organized by Mahatma Hansraj Faculty Development Centre under UGC Malaviya Mission Scheme (11th Sep to 18th Sep 23)

Dr. Kapil Bohra

- Participated in International conference on Integrative Chemical Science for Health & Environment, ICHE-2023, held from 6 -8"October 2023, New Delhi, India
- Online one week Faculty Development Programme on “Advanced Pedagogical Techniques” from 31st October – 06th November, 2023 organized by Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission On Teachers and Teaching.

Dr. Mahaveer Genwa

- FDP, - “Academic Research Writing” from 01 – 07 January, 2024-Teaching Learning Centre, Ramanujan College, University of Delhi

Dr. Mamta Amol Wagh

- Participated in National Workshop on “Optimization and Its future perspectives” held during March 12-16, 2024 organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Program, Govt. of India.

Dr. Savita Gahlaut

- Workshop on “VASP and related DFT tools” held from 13th -19th September 2023 at ICT DDUC.

Dr. Veena Jain

- Participated in 3rd International Conference on Recent Trends in Engineering, Technology and Business Management (ICRTEMBM 2024) organized by Amity Business School and Amity Centre for Interdisciplinary Research from 21st to 23rd February 2024 and Chaired a technical session on “Innovation and Management/ Information Technology-I”

Dr. Charu Kalra

- Attended One Week (Online) Faculty Development Programme on “Ethics and Values in Indian Knowledge System” (06th -12th June, 2023) organized by Department of Philosophy, Hansraj College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

Dr. Renu Solanki

- Completed Innovation Ambassador (IA) training foundation level conducted in online mode by MoE’s Innovation Cell & AICTE during the IIC calendar year 2022-23.
- Participated in the Conference on Research, Development and Social Transformation organized by the Centre for Research, Maitreyi College from August 23-25, 2023.

Dr. Varnika Bhatia

- Participated in Faculty Development Programme on ‘Empowering Educators for Engaged Learning in Higher Education’ organized by MHFDC, Hansraj College, University of Delhi in collaboration with CIC, University of Delhi from 4th December to 8th December, 2023.
- Participated in One week Faculty Development Programme on ‘Hydroponics and Aeroponics Farming’ jointly organized by University of Delhi (Department of Botany and SEC Committee); Swami Shraddhanand College, DU; Shaheed Rajguru College of

Applied Sciences For Women, DU; Chaudhary Charan Singh Hisar Agricultural University (CCSHAU), Hisar and Guru Angad Dev Teaching Learning Centre, a Centre under PMMMMNMTT, Ministry of Education, Government of India held from 04th September to 10th September 2023.

Dr. Shally Anand

- Participated in Equinox 2023 (The Annual International Conference) on Research, Development and Social Transformation organized by the Centre for Research, Maitreyi College from August 23-25, 2023.
- Successfully completed (with A+) online One Week Faculty Development Programme on “How to create your own MOOCs” organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 15-21 June 2023.

Dr. Deepti Gupta

- Completed Training on ‘Sensitization for Prevention of Sexual Harassment at Work Place’ organized by Directorate of Training: Union Territories Civil Services on 3rd November, 2023.

Dr. Sangeeta Talwar

- NPTEL Online Certification for course: Stereochemistry, 8-week course, Jul-Sep2023, No. of credits recommended 2 or 3.
- FDP: Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING: “Academic Research Writing” from 01 – 07 January, 2024.

Dr. Reema Chhabra

- Completed the NEP – 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC organized by UGC-MM-TTC (GAD-MMTTC), Sri Guru Tegh Bahadur Khalsa College, University of Delhi from 20 – 29th February 2024.
- Participated in One-Day National Webinar entitled “Is Air Pollution Responsible for Increasing Rate of Lung Cancer?” organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC/ GAD-MMTTC), SGTB Khalsa College, University of Delhi in collaboration with Indian Cancer Society, Delhi held on **02 March 2024**.
- Participated in a One-Day National Webinar entitled “Artificial Intelligence and Future of Education” organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC/GAD-MMTTC), SGTB Khalsa College, University of Delhi held on 09th March 2024.

- Participated in a National Webinar on Awareness of “MALAVIYA MISSION TEACHER TRAINING PROGRAM” organized by Guru Angad Dev Malaviya Mission Teacher Training Centre, SGTB Khalsa College, University of Delhi held on 22nd October 2023.

Dr. Sudhir Verma

- 7th Latin American Glycobiology Congress of Latin American Society of Glycobiology from October 3-6, 2023 (Online)

Dr. Nityananda Agasti

- Participated in the International Conference on Crossroads of Chemistry, Biology & Atmospheric Environment: A modern Perspective organized by Department of Chemistry, University of Delhi on 26-28 February 2024.
- Participated in the International Science Partnership Fund: Resilient Planet Symposium, organized by British Council India at New Delhi on 4-6 March 2024

Prof Arpita Sharma

- Attended online “One week FDP on Generative AI” from 4th February to 9th February 2024 organized by Electronics and Telecommunication Dept of D.Y. Patil Engineering College, Pune with Pantech Learning.

**ORGANISED CONFERENCE/ FDP/SHORT TERM COURSES/
OUTREACH PROGRAMS/ INDUSTRIAL VISIT****Dr Anju Agarwal**

- Coordinator - Organized a Workshop on VASP and related DFT tools from 13–19, Sept. 2023 at DDUC

Dr. Kapil Bohra

- Organized a “hands-on workshop on “Retrosynthetic analysis: Basic Concepts of the Art of Planning Multistep Synthesis” as Co-convener on 16th March 24.
- Organized an “international symposium on “The Frontiers of Applied Sciences” in collaboration with the botany and zoology departments as an organizing committee member.

Dr. Mahaveer Genwa

- INTERNATIONAL SYMPOSIUM ON FRONTIERS IN APPLIED SCIENCES (ISFAS '24), sponsored by the DBT star College Scheme, and IQAC Deen Dyal Upadhyaya College, University of Delhi. (19.3.24)-Organizing Secretary

Dr. Mamta Amol Wagh

- Worked as organizing team member in the Undergraduate Intensive Workshop held on Feb. 24- 25, 2022, under the aegis of Harish Chandra Mathematics Society, Dept of Mathematics, Deen Dayal Upadhyaya College, University of Delhi
- Organized as coordinator a Hands-on Workshop on Calculus with Mathematica (For B.Sc. physical science and mathematics Hons students) (Nov. 2nd & 3rd 2023) under the aegis of DBT star college program.
- Organized as coordinator a Hands-on Workshop in Advanced Tools in Excel (For B.Sc. Physical Science/ Mathematical science/ Mathematics hons. students) (Nov. 21st, 2023) under the aegis of DBT star college program.
- Organized as coordinator a Hands-on Workshop in Partial Differential Equations & Applications (For B.Sc. Physical science/Mathematical science students) (Dec. 4th, 2023) under the aegis of DBT Star College Program.
- Organized as coordinator a Hands-on Workshop on Discrete Mathematics with Mathematica (For B.Sc. Hons. mathematics/ B.Sc. Physical science/Mathematical science students) (07th Dec. 2023) under the aegis of DBT Star College Program.
- Organized as coordinator a National Workshop on “Optimization and Its future perspectives” held during 12-16, March 2024, organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Program, Govt. of India.
- Organized as Coordinator, Annual Departmental Festival “MATHRIX’24” during march 2-3, 2024 under the aegis of Harish Chandra Mathematics Society, DDUC.

Prof Monika Bansal

- Convenor – 9th Annual International Commerce Conference – 2024 on Viksit Bharat in Amrit Kaal, 14 -15 March, 2024 organized by Deen Dayal Upadhyaya College and Department of Commerce, Delhi School of Economics held at Deen Dayal Upadhyaya College, DU.
- Convenor- XXV Annual International Conference on the broad theme “*WORLD PEACE: An essential ingredient for survival of humanity & the planet*”, 06-07 January, 2024 organized by Deen Dayal Upadhyaya College and ICSSR at Deen Dayal Upadhyaya College, DU.
- Convenor- National Seminar on “Relevance of Pt. Deen Dayal Upadhyaya’s Philosophy in Contemporary India” on 10 April, 2024 organized by Pandit Deen Dayal Upadhyaya Circle National Democratic Teacher’s Front, University of Delhi in collaboration with Deen Dayal Upadhyaya College, University of Delhi at Conference Centre, University of Delhi.

Dr. Poonam Garg

- Coordinator - Hands-on Workshop on “Advanced Tools in Excel” held on Nov. 21st, 2023 organized by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT star college program.

Dr. Rashmi Gupta

- Member of Organizing team, in National Workshop on “Numerical Optimization and its future prospective” Organised by Department of Mathematics, Deen Dayal Upadhyaya College under the aegis of DBT Star College Scheme held during 12-16 March 2024.

Dr. Renu Solanki

- Event Coordinator for Intra-College Quiz Competition on occasion of World Entrepreneurs Day organized by Institution’s Innovation Council (IIC) Deen Dayal Upadhyaya College, University of Delhi on 21st August, 2023.
- Teacher Coordinator for the session on “Entrepreneurship in Microbiology” by Dr. Prateek Kumar, Assistant Professor, Department of Zoology, University of Allahabad organized by Institution’s Innovation Council (IIC) Deen Dayal Upadhyaya College, University of Delhi on 16th September, 2023 to celebrate International Microorganisms Day.
- Event Convenor for the talk:” My story: Motivational Session by Successful Innovator” by Dr. Utkarsh Sood, Assistant Professor, Department of Zoology, Kirori Mal College, University of Delhi organized by Institution’s Innovation Council (IIC) Deen Dayal Upadhyaya College, University of Delhi on 6th March, 2024.

Dr. Sujata Sinha

- Organizing committee member of National Science Day celebrations on 28-29 Feb.2024 with theme “Indigenous Technologies for Viksit Bharat” under Science Foundation Committee of Deen Dayal Upadhyaya College.
- Organizing committee member of International Symposium on Frontiers in Applied Sciences on 19th March,2024 under DBT star college, Deen Dayal Upadhyaya College.

Dr. Sunny Manohar

- Member of Organizing committee in national symposium on frontiers in applied sciences (ISFAS’24) held in DDU College on March 19, 2024.

Dr. Vinod Kumar

- Member organization committee, Institutional Teacher Training Program (01/06/2023–04/06/2023).
- Coordinator, Inaugural Lecture of COVALENCE, chemical society, 18/10/2023.

Dr. Shally Anand

- Teacher Coordinator, organized Microorganisms Day Quiz - An Entrepreneurship and Microbiology National level Quiz Competition open to students all across India on 21st September, 2023 under the aegis of Sangyaan, the quizzing society of Deen Dayal Upadhyaya College, along with Institutions’ Innovation Council of Deen Dayal Upadhyaya College.

- Teacher Coordinator, organized Freshers' Recruitment Quiz - a General Quiz Competition for first year students of Deen Dayal Upadhyaya College as well as orientation of the Society on 5th October, 2023 under the aegis of Sangyaan, the quizzing society of Deen Dayal Upadhyaya College.

Dr. Deepti Gupta

- Member, Organizing Committee in the Five-Day Short-Term Programme on Robotics Process Automation in Business organized by Department of Commerce and Business, University of Delhi in collaboration with Deen Dayal Upadhyaya College held from 17th July-21st July 2023.
- FDP Coordinator in a Two-Day Faculty Development Programme on Business Simulation: A Tool for Effective Teaching Learning Process organized by Department of Commerce and Business, University of Delhi in collaboration with Deen Dayal Upadhyaya College held on 1-2 December 2023.

Dr. Chayannika Singh

- Member, Organizing Committee of International symposium on frontiers of applied science' 24 held on 19th March 2024 in Deen Dayal Upadhyaya College, University of Delhi.

Dr. Chetna Angrish

- Member, Organizing Committee of International symposium on frontiers of applied science' 24 held on 19th March 2024 in Deen Dayal Upadhyaya College, University of Delhi.

Dr. Sangeeta Talwar

- Teacher Training Prog. for Uttarakhand Govt. School, 20-23 June 23.
- Workshop Coordinator: Covalence, the Department of Chemistry, Deen Dayal Upadhyaya College, University of Delhi, under the aegis of DBT Star College Scheme and Science Foundation, successfully conducted a workshop on "Retrosynthetic analysis: Basic Concepts of the Art of Planning Multistep Synthesis" on 16th March 2024.

Dr. Reema Chhabra

- Member, Organizing Committee of International symposium on frontiers of applied science' 24 held on 19th March 2024 in Deen Dayal Upadhyaya College, University of Delhi.

Prof Nisha Rana

- Convenor – 9th Annual International Commerce Conference – 2024 on Viksit Bharat in Amrit Kaal, 14 -15 March, 2024 organized by Deen Dayal Upadhyaya College and

Department of Commerce, Delhi School of Economics held at Deen Dayal Upadhyaya College, DU.

Dr. Nityananda Agasti

- Convener - NEP 2020 Orientation and Sensitization Program, organised by UGC held during Jan 01 – 25, 2024 at Center for Professional Development in Higher Education, University of Delhi
- Coordinator - Six-Day Short Term Face-to-Face Training Course on Indian Knowledge System (IKS), organised by Ministry of Education, Govt. of India, held during Oct 16 – 21, 2023 at Center for Professional Development in Higher Education, University of Delhi
- Co-Convener - Short Term Course on Indian Knowledge System and NEP 2020, organised by UGC, Govt. of India, held during Aug 11 – 18, 2023 at Center for Professional Development in Higher Education, University of Delhi

Prof Arpita Sharma

- Organized panel discussion on “Navigating the Future: Career Paths and Challenges in Data Science, Machine Learning and Artificial Intelligence” under Data Analytics Club on October 6th 2023.

LIST OF SCOPUS INDEXED PUBLICATIONS 2023-24

Title	Authors	Year	Issue	Volume	Page start	Page end	DOI	Publisher
A Technique to solve Transshipment Problem with Asymmetric Pentagonal Fuzzy Numbers	Aparna, Rashmi Gupta, Ratnesh Rajan Saxena	2024					10.1051/ro/2024012	RAIRO- Operations Research
Optimization for nutritional fortification of wheat-millet composite flour mixture by response surface methodology	Chaudhary G., Kumar M., Sehrawat A.R., Kumar S., Tripathi S.	2024					https://doi.org/10.1021/acs.jchemed.3c00603	Journal of applied Biology and Biotechnology
A review on Zn-based targeted drug delivery system	Urvashi Chawla, David Dahiya, Yogesh Kumar, Anu Bala, Mahaveer Genwa, Nityananda Agasti, Sanjay Tandon, Surinder P. Singh and P.L.Meena	2024		21	397	420	http://dx.doi.org/10.2174/1570180820666230222092950	Letters in Drug Design and Discovery
A review on Zn-based targeted drug delivery system	Urvashi Chawla, David Dahiya, Yogesh Kumar, Anu Bala, Mahaveer Genwa, Nityananda Agasti, Sanjay Tandon, Surinder P. Singh and P.L.Meena	2024		21	397	420	http://dx.doi.org/10.2174/1570180820666230222092950	Letters in Drug Design and Discovery
In-silico and in-vitro evaluation of antifungal bioactive compounds from Streptomyces sp. strain 130 against Aspergillus flavus	Kumar M, Parveen, Raj N, Khatoon S, Fakhri KU, Kumar P, A. Alamri M, Kamal M, Manzoor N, Harsha, Solanki R, M. Elossaily G, I. Asiri Y, Hassan Md. Z & Kapur MK	2024					10.1080/07391102.2024.2313167	Journal of Biomolecular Structure and Dynamics
Optical bistability and entanglement in two optically coupled cavities under the effect of a nonlinear medium.	Yadav, S.; Bhatt, V.; Bhattacharjee, A.B.; Jha, P.K.	2024	11	70	731	741	https://doi.org/10.1080/09500340.2024.2333236	Journal of Modern Optics.
Characterization of the Molecular Weight of Hyaluronan in Eye Products Using a Novel Method of Size Exclusion High-Pressure Liquid Chromatography	Nguyen L.; Lin X.; Verma S.; Puri S.; Hascall V.; Gesteira T.F.; Coulson-Thomas V.J.	2023	4	12			10.1167/tvst.12.4.13	Translational Vision Science and Technology
Meibomian gland development: Where, when and how?	Verma S.; Moreno I.Y.; Trapp M.E.; Ramirez L.; Gesteira T.F.; Coulson-Thomas V.J.	2023		132	41	50	10.1016/j.diff.2023.04.005	Differentiation
Two-dimensional Ti3C2Tx MXenes as a catalyst support for the synthesis of 1,4-disubstituted-1,2,3-triazoles via azide-nitroalkene oxidative cycloaddition	Verma S.K.; Verma R.; Girish Y.R.; Verma S.; Pramoda K.; Vaishnav Y.; Saji J.; Kumar K.S.S.	2023		1281			10.1016/j.molstruc.2023.135145	Journal of Molecular Structure
Prediction of Incident Solar Radiation Using a Hybrid Kernel Based Extreme Learning Machine	Preeti; Bala R.; Singh R.P.	2023	1	32			10.1142/S0218213023500045	International Journal on Artificial Intelligence Tools
d-balanced squeezing function	Gupta N.; Kumar Pant S.	2023	4	68	619	631	10.1080/17476933.2021.2007380	Complex Variables and Elliptic Equations
Constraints on the transition redshift using Hubble phase space portrait	Kumar D.; Jain D.; Mahajan S.; Mukherjee A.; Rana A.	2023	6	32			10.1142/S0218271823500396	International Journal of Modern Physics D
Constraints on the transition redshift from the calibrated gamma-ray burst Ep-Eiso correlation	Muccino M.; Luongo O.; Jain D.	2023	4	523	4938	4948	10.1093/mnras/stad1760	Monthly Notices of the Royal Astronomical Society
Monkeypox virus: phylogenomics, host-pathogen interactome and mutational cascade	Kumar R.; Nagar S.; Haider S.; Sood U.; Ponnusamy K.; Dhingra G.G.; Anand S.; Dua A.; Singh M.; Kumar R.; Sengar M.; Singh I.K.; Lal R.	2023	4	9			10.1099/mgen.0.000987	Microbial genomics
A comparative study of different polymer materials for the development of flexible crystalline silicon modules	Singh A.; Umakanth V.; Tyagi N.; Kumar S.	2023		255			10.1016/j.solmat.2023.112259	Solar Energy Materials and Solar Cells

Systematic computational toxicity analysis of the ozonolytic degraded compounds of azo dyes: Quantitative structure-activity relationship (QSAR) and adverse outcome pathway (AOP) based approach	Reddy Ramireddy V.S.; Kurakula R.; Velayudhaperumal Chellam P.; James A.; van Hullebusch E.D.	2023		231				10.1016/j.envres.2023.116142	Environmental Research
Pruning the Chemical Requirements in the Detection of Functional Groups in Organic Compounds and Ions in Inorganic Salts: A Greener Outlook	Genwa M.; Singh J.; Manohar S.; Angrish C.	2023	12	100	4786	4790		10.1021/acs.jchemed.3c00603	Journal of Chemical Education
THz generation by a periodic array of a photoconductive antenna of GaAs material in the presence of a magnetic field	Sandeep S.; Malik H.K.	2023	1	17				10.30495/jtap.172303	Journal of Theoretical and Applied Physics
Efficacy of back barrier engineered δ -gate InAlN/GaN high electron mobility transistors for high-power applications	Sehra K.; Anand A.; Chanchal; Malik A.; Kumari V.; Gupta M.; Mishra M.; Rawal D.S.; Saxena M.	2023	40	56				10.1088/1361-6463/acdf6d	Journal of Physics D: Applied Physics
Topic Modelling, Classification and Characterization of Critical Information	Soni A.; Kochhar S.K.; Jain S.; Karki M.; Gaur V.	2023	1	14	125	137		10.12785/ijcids/140112	International Journal of Computing and Digital Systems
Comparative study of commercial crystalline solar cells	Singh A.; Umakanth V.; Tyagi N.; Baghel A.K.; Kumar S.	2023		11				10.1016/j.rio.2023.100379	Results in Optics
Excitation of THz plasmonic eigenmode of parallel plain waveguide by using GaAs material	Sandeep; Malik H.K.	2023		12				10.1016/j.rio.2023.100457	Results in Optics
Small leucine rich proteoglycans: Biology, function and their therapeutic potential in the ocular surface	Gesteira T.F.; Verma S.; Coulson-Thomas V.J.	2023		29	521	536		10.1016/j.jtos.2023.06013	Ocular Surface
Novel Peptides with Dual Properties for Treating Pseudomonas aeruginosa Keratitis: Antibacterial and Corneal Wound Healing	Cappiello F.; Verma S.; Lin X.; Moreno I.Y.; Casciaro B.; Dutta D.; McDermott A.M.; Willcox M.; Coulson-Thomas V.J.; Mangoni M.L.	2023	7	13				10.3390/biom13071028	Biomolecules
Tuning the optical properties of zirconium-based metal-organic frameworks by post-synthetic modifications	Biswal S.P.; Panda J.; Samantaray T.; Swain J.; Bera N.C.; Agasti N.; Saji V.S.; Sahu R.; Samantaray R.; Lockard J.V.	2023		346				10.1016/j.matlet.2023.134497	Materials Letters
Age related changes in hyaluronan expression leads to Meibomian gland dysfunction	Verma S.; Moreno I.Y.; Sun M.; Gesteira T.F.; Coulson-Thomas V.J.	2023		124	23	38		10.1016/j.matbio.2023.11.002	Matrix Biology
Chemistry of ancient materials of iron in India	Agasti N.; Pani B.	2023		18				10.1016/j.apsadv.2023.100456	Applied Surface Science Advances
Effect of 3d transition metal doping on the structural, electronic, & magnetic properties of BiCoO3 using first principles study	Kumari M.; Jindal K.; Tomar M.; Jha P.K.	2023		588				10.1016/j.jmmm.2023.171383	Journal of Magnetism and Magnetic Materials
Enhancement of Terahertz radiation due to excitation of SPW on graphene strip coated on GaAs structure	Sandeep; Malik H.K.	2023		13				10.1016/j.rio.2023.100538	Results in Optics
Terahertz radiation generation by laser interaction with a periodic array of GaAs structure	Sandeep; Malik H.K.	2023		12				10.1016/j.rio.2023.100500	Results in Optics

Metabolome profiling of arbuscular mycorrhizal fungus treated <i>Ocimum tenuiflorum</i> L. provides insights into deviation in allocation of carbon compounds to secondary metabolism	Thokchom S.D.; Gupta S.; Mewar S.K.; Kumar P.; Kalra C.; Kapoor R.	2023		203			10.1016/j.plaphy.2023.108039	Plant Physiology and Biochemistry
Theoretical modelling of Terahertz acoustic wave generated by a femtosecond laser pulse in a dense plasma having density gradient	Sandeep.; Malik H.K.	2023	3	17			10.57647/J.JTAP.2023.1703.34	Journal of Theoretical and Applied Physics
Efficacy of α -Gate in RF Power Performance of Thin GaN Buffer AlGaIn/GaN HEMTs	Sehra K.; Chanchal; Anand A.; Kumari V.; Reeta; Gupta M.; Mishra M.; Rawal D.S.; Saxena M.	2023	5	70	2612	2615	10.1109/TED.2023.3262228	IEEE Transactions on Electron Devices
Gamma rays bursts: a viable cosmological probe?	Kumar D.; Rani N.; Jain D.; Mahajan S.; Mukherjee A.	2023	7	2023			10.1088/1475-7516/2023/07/021	Journal of Cosmology and Astroparticle Physics
Shannon entropy along hydrogen isoelectronic sequence using numerov method	Joshi R.; Verma N.; Mohan M.	2023	6	69			10.31349/RevMexFis.69.060401	Revista Mexicana de Fisica
Revisiting the Epoch of Cosmic Acceleration	Dahiya D.; Jain D.	2023	9	23			10.1088/1674-4527/ace17a	Research in Astronomy and Astrophysics
Influence of deep level trap charges on the reliability of asymmetric doped double gate JunctionLess transistor (AD-DG-JLT)	Kumari V.; Nisa K.M.U.; Gupta M.; Saxena M.	2023		148			10.1016/j.microrel.2023.115184	Microelectronics Reliability
Study of electron impact excitation of H-like Si ¹³⁺ ion in dense plasma environment	Singh J.; Dawra D.; Verma N.; Jha A.K.S.; Kumar P.; Dimri M.; Mohan M.	2023		101			10.1016/j.newast.2023.102001	New Astronomy
Impact of barrier layer thickness on DC and RF performance of AlGaIn/GaN high electron mobility transistors	Anand A.; Sehra K.; Chanchal; Reeta; Narang R.; Rawal D.S.; Mishra M.; Saxena M.; Gupta M.	2023	8	129			10.1007/s00339-023-06803-x	Applied Physics A: Materials Science and Processing
Shannon entropy for hydrogen atom in Debye and quantum plasma environment	Verma N.; Joshi R.	2023	6	30			10.1063/5.0146178	Physics of Plasmas
A comprehensive study of InGaAs based linearly graded channel DL-TFET and its single event transient effect	Sharma M.; Narang R.; Saxena M.; Gupta M.	2023	3	5			10.1088/2631-8695/acf188	Engineering Research Express
Chemical profiling of <i>Streptomyces</i> sp. for detection of potential pharmaceutical molecules	Kumar P.; Kumar M.; Kundu A.; Solanki R.; Harsha; Kapur M.K.	2023	11	78	3275	3285	10.1007/s11756-023-01485-5	Biologia
On the double channel engineering of dual gate AlGaIn/GaN HEMTs for heavy ion sensing applications	Das S.; Kumari V.; Sehra K.; Gupta M.; Saxena M.	2023		182			10.1016/j.micrna.2023.207653	Micro and Nanostructures
Molecular docking, MD simulations and ADME studies of phytoconstituents of <i>Plumeria alba</i> as potential antidiabetics	Khanna L.; Mansi; Talwar S.; Misra N.; Jain S.C.; Khanna P.	2023	11	62	1208	1217	10.56042/ijc.v62i11.5091	Indian Journal of Chemistry (IJC)
Photoionization of Na-like Si IV using R-matrix method	Verma N.; Jha A.K.S.; Dawra D.; Dimri M.; Mohan M.	2023	7	77			10.1140/epjd/s10053-023-00716-3	European Physical Journal D
Physical insights into the reliability of sunken source connected field plate GaN HEMTs for mm-wave applications	Chanchal; Malik A.; Sehra K.; Laishram R.; Nair R.M.; Mishra M.; Rawal D.S.; Saxena M.	2023		148			10.1016/j.microrel.2023.115170	Microelectronics Reliability

Recent advances in age-related meibomian gland dysfunction (ARMGD)	Moreno I.; Verma S.; Gesteira T.F.; Coulson- Thomas V.J.	2023	30	298	306	10.1016/j.jtos.2023.11.003	Ocular Surface	
Investigation of SiNx Passivated Dual Field Plate AlGaIn/GaN HEMTs on Silicon Carbide and Sapphire Substrates Under Radiation Environment	Neha; Sehra K.; Kumari V.; Gupta M.; Saxena M.	2023	14	15	6215	6228	10.1007/s12633-023-02506-3	Silicon
Rational design and synthesis of lumican stapled peptides for promoting corneal wound healing	Verma S.; Ogata F.T.; Moreno I.Y.; Prinholato da Silva C.; Marforio T.D.; Calvaresi M.; Sen M.; Coulson-Thomas V.J.; Gesteira T.F.	2023		30	168	178	10.1016/j.jtos.2023.09.007	Ocular Surface
Phytohormones: Role in Ecophysiological Responses of Tropical Plants to Varying Resource Availability	Dhal P.B.; Sadhna; Devi R.S.; Bhadouria R.; Tripathi S.	2023	283	265	Book chapter		Ecophysiology of Tropical Plants: Recent Trends and Future Perspectives	
Removing Stegomalware from Digital Image Files	Verma V.; Muttoo S.K.; Singh V.B.; Sharma M.	2023		755 LNNS	15	26	10.1007/978-981-99-5085-0_2	Lecture Notes in Networks and Systems
Improving E-Governance Through Application of Hyperautomation	Das S.; Gupta R.; Pal S.K.	2023		1888 CCIS	185	203	10.1007/978-3-031-43940-7_15	Communications in Computer and Information Science
ELM-Based Liver Disease Prediction Model	Agarwal C.; Singh G.; Mishra A.	2023		756 LNNS	39	48	10.1007/978-981-99-5088-1_4	Lecture Notes in Networks and Systems
Intercompatibility of IoT Devices Using Matter: Next-Generation IoT Connectivity Protocol	Singh S.	2023		756 LNNS	49	58	10.1007/978-981-99-5088-1_5	Lecture Notes in Networks and Systems
Reconstructing Masked Face Using GAN Technique	Agarwal C.; Bhatnagar C.; Mishra A.	2023		756 LNNS	327	336	10.1007/978-981-99-5088-1_28	Lecture Notes in Networks and Systems
A Compact Large-Signal Model Generation of GaN HEMT for RF Circuit Design Implication	Anand A.; Reeta; Narang R.; Rawal D.S.; Mishra M.; Saxena M.; Gupta M.	2023		Conferen ce paper			10.1109/WAMS57261.2023.10242911	
Traffic Accident Modeling and Prediction Algorithm Using Convolutional Recurrent Neural Networks	Kumar A.; Verma S.K.; Goyal S.	2023		756 LNNS	351	361	10.1007/978-981-99-5088-1_30	Lecture Notes in Networks and Systems
Effect of various morphologies and dopants on piezoelectric and detection properties of ZnO at the nanoscale: a review	Yadav D.; Tyagi N.; Yadav H.; James A.; Sareen N.; Kapoor M.; Kumar K.; Kataria Y.; Singhal K.	2023	26	58	10576	10599	10.1007/s10853-023-08680-4	Journal of Materials Science
The Recent Report on Schiff Bases and their Complexes as DNA Binders	Mansi; Bhutani C.; Khanna P.; Jain M.; Talwar S.; Yadav S.; Khanna L.	2023	20	27	1799	1813	10.2174/0113852728277676231024062455	Current Organic Chemistry

LIST OF UGC-CARE RESEARCH PUBLICATIONS 2023-24

LIST OF RESEARCH PAPERS IN CONFERENCE PROCEEDINGS 2023-24

1. **Singh, N.K.** Ojha, S. Kumar, **N. Tyagi** (2023). Analytical Determination of Base Thickness and Diffusion Length in Back Contact Solar Cell, In: Raj, J.S., Perikos, I., Balas, V.E. (eds) Intelligent Sustainable Systems, ICoISS 2023, Lecture Notes in Networks and Systems, vol 665. Springer, Singapore, https://doi.org/10.1007/978-981-99-1726-6_66.
2. **Mahaveer Genwa** INTERNATIONAL CONFERENCE on CROSSROADS OF CHEMISTRY, BIOLOGY & ATMOSPHERIC ENVIRONMENT: A MODERN PROSPECTIVE Organized by DEPARTMENT OF CHEMISTRY, UNIVERSITY OF DELHI, from 26-28 February 2024.
3. Seema Y., **Varnika B.** "Jatropha: An Alternate Renewable Energy Source" in G20 event on "Novel Initiatives in Indo-US Education Sector: Exploring Indian Knowledge System" organized by Culture Council (University of Delhi) in association with Deen Dayal Upadhyaya College (University of Delhi) on 28th August, 2023.
4. **Anindita Biswas**, Priyanka Mehta, Varnika Singhal, Ishika Namdev, **Anita Gulati, Renu Solanki**, "Microbial Marvels: Paving the Way for Sustainable Development Goals (Sdgs)" G20@Inida: Novel Initiatives in Education: Exploring Indian Knowledge System" on 28th August, 2023 organized by Deen Dayal Upadhyaya College
5. **Sangeeta Talwar** 60th ACC2023, IIT Conference 20-21 Dec 2023: Insecticidal study on rice plant pests: Nilaparvata lugens using Cycas sp. leaves extracts.
6. **Sangeeta Talwar** Ultrasound-assisted extraction, antioxidant activity and insecticidal activity of Cycas sp.in International Conference on Crossroads of Chemistry, Biology & Atmospheric Environment organized by Department of Chemistry , University of Delhi, February 26-28, 2024: A Modern Prospective: PP-30
7. **Monika Bansal**, Presented a paper on "The Study of Assessing Digital Maturity among the Employees of IT firms" in 9th Annual International Commerce Conference – 2024 on Viksit Bharat in Amrit Kaal, 14 -15 January, 2024 organized by Deen Dayal Upadhyaya College and Department of Commerce, Delhi School of Economics held at Deen Dayal Upadhyaya College, DU.
8. **Monika Bansal**, Presented a paper on "An ISM MICMAC approach on analyzing enablers of Holistic Youth Development: Navigating towards Viksit Bharat" in 9th Annual International Commerce Conference – 2024 on Viksit Bharat in Amrit Kaal, 14 -15 January, 2024 organized by Deen Dayal Upadhyaya College and Department of Commerce, Delhi School of Economics held at Deen Dayal Upadhyaya College, DU.
9. Ajit Kumar Dhanka, **Nityananda Agasti***, Ceria-Based Materials for Photocatalytic Degradation of Ciprofloxacin in Water under UV light irradiation, International Conference on Integrative Chemical Science for Health & Environment-2023, October 6-8, 2023, Deshbandhu College, University of Delhi, Kalka ji New Delhi-110019, India
10. Ajit Kumar Dhanka, **Nityananda Agasti***, Fabrication of photocatalyst Cu-CeO₂ for the degradation of herbicide in water under UV- light irradiation, International Conference on "Crossroads of Chemistry, Biology and Atmospheric Environment: A

Modern Prospective” February 26-28, 2024, Department of Chemistry, University of Delhi (North Campus), New Delhi-110019, India

11. **Singh, A.**, Ojha, N.K., Kumar, S., **Tyagi N.** (2023). Analytical Determination of Base Thickness and Diffusion Length in Back Contact Solar Cell. In: Raj, J.S., Perikos, I., Balas, V.E. (eds) Intelligent Sustainable Systems. ICoISS 2023. Lecture Notes in Networks and Systems, vol 665. Springer, Singapore. https://doi.org/10.1007/978-981-99-1726-6_66
12. **Singh A.**, Kumar S., **Tyagi N.**, Singh A. (2023) Study of the Optical and Current Variation of Polymer Material in the Semiflexible Module Application Book: Recent Advances in Nanomaterials. DOI: 10.1007/978-981-99-4878-9
13. Presented a paper on “ The Study of Assessing Digital Maturity among the Employees of IT firms” in 9 th Annual International Commerce Conference – 2024 on Viksit Bharat in Amrit Kaal, 14 -15 January, 2024 organized by Deen Dayal Upadhyaya College and Department of Commerce, Delhi School of Economics held at Deen Dayal Upadhyaya College, DU.
14. Anand A.; Reeta; Narang R.; Rawal D.S.; Mishra M.; **Saxena M.**; Gupta M. (2023), A Compact Large-Signal Model Generation of GaN HEMT for RF Circuit Design Implication, 2nd International Conference on Wireless, Antenna and Microwave Symposium, WAMS 2023, DOI: 10.1109/WAMS57261.2023.10242911