



वार्षिक प्रतिवेदन ANNUAL REPORT

2023-2024

NAAC Accredited "A" Grade
NIRF- 2023 All India 48th Rank



Friday, 21st March 2025

Chief Guest

Prof. Sushma Yadav

Member, Justice Balakrishnan Commission of Inquiry, New Delhi
Former Vice Chancellor, BPS Women's University, Haryana
&
Former Member, UGC

Guest of Honour

Sh. Jitender Rana, IPS

Deputy Inspector General
Central Industrial Security Force (CISF)

Presided by

Prof. B. K. Kuthiala

Chairman, Governing Body

दयाल सिंह कॉलेज

(दिल्ली विश्वविद्यालय)

DYAL SINGH COLLEGE

(UNIVERSITY OF DELHI)



Hon'ble Chief Guest Prof. Sushma Yadav, Member, Justice Balakrishnan Commission of Inquiry, New Delhi, Guest of honour Shri Jitender Rana, IPS, Deputy Inspector General, Central Industrial Security Force, our esteemed Chairman Governing Body, Prof. B. K. Kuthiala, other Hon'ble members of the governing body, colleagues, parents and dear students, it is my great honor and pleasure to welcome all of you to the Annual Day Prize Distribution Function of our college for the academic year 2023-2024. We are deeply honoured by the august presence of Prof. Sushma Yadav and Sh. Jitender Rana for sparing their valuable time to be with us to encourage and guide the students of this prestigious college. On behalf of Dyal Singh College family, I would like to extend a very warm welcome and heartfelt thanks to them.

ABOUT THE COLLEGE

Dyal Singh College owes its origin to the extreme generosity and foresight of Sardar Dyal Singh Majithia, founder of 'The Tribune' and 'Punjab National Bank', who willed his vast wealth in 1895 for the setting up of an Education Trust for a secular college. Consequently, Dyal Singh College was established at Lahore in 1910. Post partition the Educational Trust opened a Camp college in Delhi which was handed over to the Dyal Singh College Trust on 31st March, 1959. It started functioning in the capital at Rouse Avenue as a constituent College of the University of Delhi w.e.f. 5th August, 1959 and at present location since 16th October, 1962. It was later taken over by the University of Delhi as a University maintained institution in 1978. The college has been contributing to the solemn task of nation-building since its very inception. The present college campus is located at Lodhi Road in South Delhi. It was built by Sardar Bahadur Sir Sobha Singh, builder of Lutyen's Delhi and covers an area of over 11 acres. In the present academic year the college is imparting education to over 5725 students in 24 courses (including 17 Honours, 5 Programme & 2 Post-Graduate courses) through 19 departments (Arts, Commerce, Social Sciences, Mathematical Sciences, Computers and Sciences) including students from foreign countries like USA, Afghanistan, Nigeria and Nepal. We have over 250 well qualified faculty members and over 100 non-teaching staff members adding to the strength of the college.

COLLEGE ACTIVITIES AND ACHIEVEMENTS

The college is NAAC Accredited 'A' grade in the 2nd cycle also and was ranked 48th in the college category by NIRF. During the academic year many programs/seminars/workshops/webinars were conducted by the various departments of the



college. A one-week **Faculty Development Program on “Recent Trends in Mathematical Sciences”** was conducted, 11-16 September, 2023. The Indian Institute of Ecology and Environment, New Delhi, conferred **“National Environmental Education and Awareness Award”** on World Environment Day. The college also participated in the 20th Foundation Day of Confederation of Indian Universities and received the **“Academic Ascendancy Prize for Exemplary College Excellence”**. The college celebrated the National Science Day by organizing a two-day **Science Fair** (28 & 29th February, 2024) on **“Cutting Edge Science & Technology for Sustainable Future”**. The fair was inaugurated by Padma Shree awardee Prof. V. S. Chauhan. The Science Fair also gave opportunity to students of various colleges to explore and show their innovations in the form of Projects, Posters, Models, Reels etc. A **Health Mela** and a **Book Fair** was also organized during the science fair. **Inter-college Boxing Championship** was organized (5 - 7th December, 2023) for Men and Women Category. In the Men Category our college won 9 Gold Medals, 1 Silver Medal, 3 Bronze Medals and in Women Category we won 3 Silver Medals. Rashtriya Rajbhasha Samiti of the college organized a one-day national seminar on **‘Bhartiya Bhashay Evam Sahitya’**. Participants came from different states, such as Rajasthan, Punjab, and other NCR states. A **national workshop** on “Empowering Youth Through Skill Development: assessing Pradhan Mantri Kaushal Vikas Yojna” was conducted on 16th March. A two day Human Rights Training Programme was organized (16-17 March, 2024). **Research and Development Committee** was formed to promote and facilitate research in the college. Our faculty members have published over 75 papers in reputed journals. Presently there are ten ongoing **research projects** funded by DST, ICSSR, CSIR, CCRH, etc. The webinars, seminars and conferences etc. organized by different departments and societies included talks on Environmental Issues, Climate Change, Gender Equality, Mind Talks, Women empowerment, Human Rights, Disaster Management, etc. The NSS and NCC units of the college organised various activities on International Yoga Day, Cleanliness Drive, International Women's Day, Hindi Diwas, World Environment Day, Independence Day, Republic Day, Youth Voter Festival, Constitution Day, etc.. The Art and Culture Society organized the Annual Cultural Festival - **PRIYADARSHANI’ 24**, where students from various societies showcased their extraordinary talent. The DSC Sustainability Forum executed the **Green, Environment and Energy Audit** of the college. The Placement Cell of the college organized seminars throughout the year and continuously works towards providing job and internship opportunities for the college students.

DEPARTMENT OF BOTANY**PROF. SALONI GULATI****Publications:**

- "Structure, development and histochemistry of embryo and endosperm", *Sesbania speciosa* Taub. Ex Engl. *Plant Science Today* 10(3):6-17 (Early Access), April 13 2023.
- "Potential of decomposing leaf litter of *Leucaena leucocephala* in influencing mycoflora of the soil and its role in increasing soil fertility, *Vegetos*, 11 July 2023 (published online).

Workshops/Seminars/Training Programmes:

- Workshop entitled 'Role of Mushroom Empowerment: Cultivation in Women; an Indian Perspective' organized by Department of Botany, Kirori Mal College on April 1, 2023.
- International Short Term Training Programme-VIII on "Energy and Environment Conservation" organized by Raj Rishi Govt. autonomous College from 18-24 April, 2023.
- International Short Term Training Programme- IX "On Environment Pollution: A threat to Life Below Water & World Environment Day Celebration Week" organized by Raj Rishi Govt. autonomous College from 5-11 June, 2023.

Other Academic Responsibilities/Activities:

- Member of the Organising Committee in an online talk on "Plastics and Biodiversity", held on June 5, 2023, Organised by the Department of Botany, Dyal Singh College, Delhi.
- Member of the Organising Committee in a workshop "Exploring Opportunities in Organic Farming and Vermicomposting", held on Oct 26th, 2023, Organised by the Department of Botany, Dyal Singh College, Delhi.

PROF (DR.) ROMA KATYAL**Publications:**

- "Unlocking the Potential of Mushroom for Industrial Application", *Kavaka* 59(3), 36-50.
- "Artificial Intelligence in Sustainable Agriculture", *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, 11 (VI).
- "Mucor and Mucormycosis: An in-silico perspective of drug toxicity", *Eur. Chem. Bull.*, 12 (Si6), 4504 – 4519.
- "Structure, development and histochemistry of embryo and endosperm", *Sesbania speciosa* Taub. Ex Engl. *Plant Science Today* (Early Access) [<https://doi.org/10.14719/pst.1930>].

Faculty Development/ Induction/ Training Programmes:

- Online training on “Youth and Adolescents in Disaster Risk Management and Climate Change Adaptations” from 26 July - 28 July 2023 organized by the National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Hansraj College, University of Delhi
- Two-day FDP on “RESEARCH METHODOLOGY”, organized by IQAC and Research & Development Cell, GFGCW, Jamkhandi” held on the 10th and 11th of Jan 2024.
- 5-day virtual FDP on “Advancements and Innovations in Cellular Communication and Signal Transduction”, from 17th to 21st July 2023, organized by the Department of Biotechnology, JIIT, Noida.

DR. ANITA RANI**Publications:**

- “Evaluating drought tolerance in marigold cultivars across different soil moisture levels”, Journal of Soil and Water Conservation 22(4): 421-426.
- “Phyto-fabrication and characterization of *Alternanthera sessilis* leaf extract-mediated silver nanoparticles and evaluation of larvicidal potential”, Biomass Conversion and Biorefinery, <https://doi.org/10.1007/s13399-023-04948-6>.
- “Importance of omics approaches in plant-microbe interaction for plant disease control”. Physiological and Molecular Plant Pathology, (128) 102153.
- “Repurposing of known drugs for COVID-19 using molecular docking and simulation analysis” Bioinformation (2):149-159.

Conferences/ Workshops/ Seminars/ Webinars/Competitions:

- Two-days Virtual International Conference on “Bioinformatics in Biology: From Pre-requisite to post-requisite” organized by Department of Botany, Gargi College, University of Delhi on March 2-3, 2024.
- A Workshop on "Extraction, Phytochemical Screening of Medicinal Plants" organized by the Department of Chemistry, Dyal Singh College, University of Delhi on Oct 17th, 2023.
- Online training on "Engaging Youth and Adolescents in Disaster Risk management and Climate change adaptation" organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in with Hansraj College, University of Delhi from 26 - 28 July 2023.

Other Academic Responsibilities/Activities:

- Contributed in organising inaugural lecture of Botanical Society on “Sustainability in Fashion: Bridging the Gap with Environmental Safety” by Prof. Vandana Mishra in the Department of Botany, Dyal Singh College, University of Delhi, on 4th September, 2023.



- Convened a National Workshop on “Exploring Opportunities in Organic Farming and Vermicomposting”, in the Department of Botany, Dyal Singh College, Delhi, on 26th October, 2023.

PROF. JASLEEN KAUR KALIA

Publications:

- “Microbial bioprocesses in remediation of contaminated environments and resource recovery, in Book “Microbial BIOPROCESSES Applications and Perspectives”. Academic Press- Imprint of Elsevier, April 2023.
- “Structure, development and histochemistry of embryo and endosperm, *Sesbania speciosa* Taub. Ex Engl. Plant Science Today 10(3):6-17 (Early Access), 13th April 2023.
- “Potential of decomposing leaf litter of *Leucaena leucocephala* in influencing mycoflora of the soil and its role in increasing soil fertility”, Vegetos, 11 July 2023 (published online).

Faculty Development/ Induction/ Training Programmes:

- Two Week Online Training Programme on “NEP 2020 Orientation & Sensitization Programme” (15th January – 28th January 2024) under the Malaviya Mission Teacher Training Programme of the UGC organised by MH-MMTTC, Hansraj College, University of Delhi.
- FDP on “Learning to live a life of Happiness and Fulfilment” from 18-21 June, 2023 at Rishikesh organised by the Department of Commerce, Faculty of Commerce and Business, Delhi School of Economics, University of Delhi, Atman: Mind, Body and Soul Club, Shri Ram College of Commerce, University of Delhi in association with The Art of Living, Humanitarian and Educational Non-Governmental Organisation.
- One-week online FDP organised by the Department of Commerce & IQAC, Shyam Lal College, University of Delhi in collaboration with Malaviya Mission Teacher Training Centre (Formerly UGC - HRDC), Jamia Millia Islamia, (January 19- 25, 2024) on Proactive Governance for Viksit Bharat@2047.

Conferences/ Workshops/ Seminars/ Webinars:

- One day International Workshop on “Intellectual Property Rights: Inventions, Patents and Copyrights”, organized by the Department of Botany, Maitreyi College, University of Delhi held on October 27, 2023.
- 20th Foundation Day of Confederation of Indian Universities and received the “Academic Ascendancy Prize for Exemplary College Excellence” on 29th Dec, 2023.

Other Academic Responsibilities/Activities:

- Teacher Coordinator of G20 Program and Member of Organising Committee in National Seminar on Recent Trends in Life Science Entrepreneurship in the Era of G20 held on



April 15, 2023, Organised by Department of Botany, Dyal Singh College, University of Delhi.

- Teacher Coordinator of the G20 Program, Teacher-in-charge (Botany) and Member of the Organising Committee in an online talk on “Plastics and Biodiversity” held on June 5, 2023, organised by the Department of Botany, Dyal Singh College, University of Delhi.
- Teacher Convener in G-20 ONLINE QUIZ THEME: G20 Summits and Conferences: An initiative taken by the University of Delhi to reflect India's core ideas of sustainable development organised by IQAC Dyal Singh College on June 23, 2023.
- Co-Convener in one week Skill Enhancement Program (Technical Training) organised by IQAC Dyal Singh College from August 21, 2023 to August 25, 2023.
- Convener in INDIAN CULTURE & HAPPINESS, 3.0 organised by Sustainability Forum Dyal Singh College University of Delhi (under the aegis of IQAC) held on November 8, 2023.
- Teacher Coordinator of G20 Program, Teacher-in-charge (Botany) in a workshop “EXPLORING OPPORTUNITIES IN ORGANIC FARMING AND VERICOMPOSTING” held on October 26, 2023, Organised by the Department of Botany, Dyal Singh College, University of Delhi.
- Member of Organising Committee in ANTI-SWEAR PROGRAMME including open mic held on November 1, 2023, organised by VIRANGANA Women Development Cell Dyal Singh College (Under the aegis of IQAC).
- Member of Organising Committee in SEMINAR ON THE PROBLEM OF HUMAN TRAFFICKING held on November 3, 2023, organised by VIRANGANA Women Development Cell Dyal Singh College Under the aegis of IQAC)
- Member of Organising Committee in SWAROOP a poster-making competition held on November 1, 2023, organised by VIRANGANA Women Development Cell, Dyal Singh College (Under the aegis of IQAC)
- Member of Organising Committee in SEMINAR ON THE ISSUE OF DOMESTIC VIOLENCE IN INDIA Finding our power within. held on February 23, 2024, organised by VIRANGANA Women Development Cell, Dyal Singh College (Under the aegis of IQAC)
- Member of Organising Committee in Concepts and Indicators Happiness organised by Sustainability Forum Dyal Singh College University of Delhi (Under the aegis of IQAC) held on February 23, 2024.

DR. NELLIE LAISRAM

Faculty Development/ Induction/ Training Programmes:

- FDP on “Proactive Governance for Viksit Bharat@2047” organised by the Department of Commerce & IQAC, Shyam Lal College, University of Delhi in collaboration with Malaviya Mission Teacher Training Centre, Jamia Millia Islamia. (January 19- 25, 2024).



- 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”, from 22 June - 21 July, 2023, organized by Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of Ministry of Education, PMMMNMTT.
- One Week (Online) FDP on “Ethics and Values in Indian Knowledge System” from June 06 -12, 2023 organised by Department of Philosophy, Hansraj College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

Conferences/ Workshops/ Seminars/ Webinars/Competitions:

- Participated in the Standee competition at the 66th Annual Flower Show on the theme “Women Nurturing Nature-A Celebration of Synergy and Sustainability”, at Dyal Singh College, University of Delhi. March 01, 2024.
- Attended National Conference on “Advances in Plant Biology (APB 2024): Innovations and Strategies for Sustainable Agricultural Productivity for Viksit Bharat@2047” organised by Department of Botany in collaboration with Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College under the aegis of Malaviya Mission Scheme, UGC on February 10, 2024.

DR. RUCHI RAINA

- Completed one month Faculty Induction Programme Pandit Madan Mohan Malviya National Mission on Teachers and Training (Ministry of Education) from June 22 -July 21, 2023.
- Completed Two Week (Online) Faculty Development Programme on “NEP 2020 orientation and Sensitization programme” organized by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi from Feb 1-14, 2024.
- Participated in Workshop for establishment of modalities for skill enhancement courses, for the paper “Organic Farming” organized by Skill Enhancement Course Committee, University of Delhi, from March 4-5, 2024.

DR. DINESH KUMAR**Publications:**

- “Over-expression of antioxidants and elicitation in the conessine biomolecule content in the nodal cultures of *Holarrhena pubescens* (medicinal tree) exposed to different heavy metals - Ni, Co, Cr, and As”, Biotech 13(9):307, 2023.
- “Phyto-fabrication and characterization of *Alternanthera sessilis* leaf extract-mediated silver nanoparticles and evaluation of larvicidal potential”, Biomass Conv. Bioref. (2023).



- "Susceptibility status of *Aedes aegypti* (Diptera: Culicidae) against insecticides of public health use in Delhi and NCR region, India", *Journal of Vector Borne Diseases* 60, no. 3, 300-306, 2023.
- "Chemical constituents and strong larvicidal activity of *Solanum xanthocarpum* among selected plants extracts against the malaria, filaria, and dengue vectors", *Journal of Vector Borne Diseases* 60, no. 1, 18-31, 2023.

Faculty Development/ Induction/ Training Programmes:

- 4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from 22 July – 20 August, 2023.
- One-week FDP on "Intellectual Property Right", from 12 to 18 January 2024.
- The training on "Eradication of Malaria and other VBDs for Mekong-Ganga Cooperation Countries" organized by ICMR-National Institute of Malaria Research, New Delhi sponsored by Ministry of External Affairs, India 24 to 26 April 2023.

Conferences/ Workshops/ Seminars/ Webinars:

- Two-days Virtual International Conference on "Bioinformatics in Biology: From Pre-requisite to post-requisite" organized by Department of Botany, Gargi College, University of Delhi on March 2-3, 2024.
- One-day National Conference on "Scientific Innovation for Human Wellbeing" organized by the Department of Chemistry, University of Delhi and the Indian Science Congress Association, Delhi Chapter held on March 17, 2023.

Other Academic Responsibilities/Activities:

- Contributed in organising a National Workshop on "Exploring Opportunities in Organic Farming and Vermicomposting", in the Department of Botany, Dyal Singh College, University of Delhi, on 26th October, 2023.
- Contributed in organising inaugural lecture of Botanical Society on "Sustainability in Fashion: Bridging the Gap with Environmental Safety" by Prof. Vandana Mishra in the Department of Botany, Dyal Singh College, University of Delhi, on 4th September, 2023.
- Contributed in organising inaugural lecture of Botanical Society on "Sustainability in Fashion: Bridging the Gap with Environmental Safety" by Prof. Vandana Mishra in the Department of Botany, Dyal Singh College, University of Delhi, on 4th September, 2023.
- Contributed in organizing in the Science Fair on the theme of "The Cutting-edge Science and Technology for a Sustainable Future" organized by Internal Quality Assurance Cell (IQAC) of Dyal Singh College in collaboration with Shriram Institute of industrial research, sponsored by ICMR from 28th to 29th February 2024.

DR. J. DINAKARAN**Publications:**

- “Comparison of adsorption performance of biochar derived from urban biowaste materials for removal of heavy metals”, *Environmental Management*. 73 (2): 408-424, 2023.
- “Evaluation of physico-chemical and structural properties of biochar produced from pyrolysis of urban biowaste”, *Journal of Materials Cycles and Waste Management*, 25: 2845-2860, 2023.

Faculty Development/ Induction/ Training Programmes:

- One week FDP on “Academic Research Writing”, organized by Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of Ministry of Education PMMMNMTT, from 01 – 07 January, 2024.
- Four-week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”, organized by Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of Ministry of Education PMMMNMTT, from 22 July-20 August, 2023.

Conferences/ Workshops/ Seminars/ Webinars:

- Attended the inaugural ceremony of Faculty Induction Programme “NEP 2020: Pedagogical Imperatives of Higher Education”, organized by University of Delhi on December 1, 2023.
- Participated in one day National Webinar on “Vrikshayurved” organized by Phytomics: the botanical society of Bhaskaracharya College of Applied Sciences, University of Delhi, on 28th July 2023.

Other Academic Responsibilities/Activities:

- Reviewer for the journal *Ecological Indicators* (Elsevier publication), *Catena* (Elsevier publication), *PlosOne* (PLOS.org publication), *Plant and Soil* (Springer Nature publication), *Science of the Total Environment* (Elsevier publication), *Proceedings of the National Academy of Sciences, Biological Sciences* (Springer Nature publication), *PeerJ* (USA), and *Journal of Environmental Management* (Elsevier publication).
- Co-convenor for the “Science Fair” organized by IQAC, Dyal Singh College in collaboration with Shriram Institute for Industrial Research, New Delhi, and the Indian Council of Medical Research, New Delhi, from 28 - 29 February 2024.
- Co-convenor for the events organized by the Botanical Society of Dyal Singh College, University of Delhi.

**DR RASHMI PANWAR****Faculty Development/ Induction/ Training Programmes:**

- Four-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” being organized by Teaching Learning Centre Ramanujan College, under the aegis of MINISTRY OF EDUCATION PMMMNMTT, 22 June - 21 July, 2023.
- Four-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” being organized by Teaching Learning Centre Ramanujan College, under the aegis of MINISTRY OF EDUCATION PMMMNMTT from 22 July – 20 August, 2023.
- Online training on "Engaging Youth and Adolescents in Disaster Risk management and Climate change adaptation" from 26 Jul 2023 to 28 Jul 2023 organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India with Hansraj College University of Delhi.
- Two-week interdisciplinary FDP on ‘NEP orientation and Sensitisation’ being organized by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC) Hansraj College under the aegis of Malaviya Mission Scheme, UGC.

DEPARTMENTAL ACTIVITIES

- To mark the occasion of Van Mahotsav, trees were planted inside the college on July 04, 2023, by the Department of Botany, Dyal Singh College, University of Delhi, under the aegis of IQAC and the guidance of our G-20 teacher coordinator.
- An Inaugural lecture was organized by the Botany Department, Dyal Singh College, University of Delhi on September 4, 2022, under the aegis of IQAC and the guidance of our G20 teacher coordinator.
- A Workshop on “EXPLORING OPPORTUNITIES IN ORGANIC FARMING AND VERMICOMPOSTING” was held on October 26, 2023, organized by the Department of Botany, Dyal Singh College, University of Delhi, under the aegis of IQAC.
- The Annual Botanical Festival of Prakriti is celebrated every year by the Department of Botany, Dyal Singh College, University of Delhi. “La Botanique 24” was held on April 2, 2024 • An industrial visit to Yakult Danone Pvt. India Ltd. Sonipat was organized on April 24, 2024, by the Department of Botany for the B. Sc. (Hons.) Botany, Semester 6 as a part of their curriculum for the paper Industrial and Environmental Microbiology.
- A field visit to the Botanic Garden of Indian Republic, Noida was conducted on April 25, 2024, for the B.Sc. (Hons.) Semester II students as a part of fulfilment for their curriculum. Students visited the Botanic Garden accompanied by two Faculty members, Prof Roma Katyal and Dr Nellie Laisram.
- The valedictory function of the “Prakriti” The Botanical Society of Botany Department, Dyal Singh College, was organized on April 29, 2024. The key speaker and chief guest for the function was Prof S.S. Sindhu, Head, Division of Floriculture and Landscaping and School Coordinator (Horticulture) ICAR-Indian Agricultural Research Institute, Pusa, New Delhi.



DEPARTMENT OF CHEMISTRY

PROF. ARUNA CHHIKARA

Publications:

- “Thiadiazole Functionalized Salicylaldehyde-Schiff Base as a pH-responsive and Chemo-Reversible “Turn-Off” Fluorescent probe for Selective Cu (II) Detection: Logic Gate Behaviour and Molecular Docking Studies”, *Journal of Fluorescence*. (2023), 33, 25-41.

Research Project:

- Principal Investigator, got Major Research Project entitled “Development of Biodegradable Nanogels for Targeted Anticancer Therapy and Preclinical Evaluation”, approved for an amount of Rs. 3743360/- for a period of three years by CONCOR India Ltd. (A Government of India Undertaking)

Ph.D. Supervision:

- Ph. D. Degree awarded to Mr. Deepak Tomar on 24th February 2024 in the 100th convocation of University of Delhi.

**PROF. AMIT KUMAR****Publications:**

- “Design and development of an unprecedented phosphorescent bidentate iridium (III) complex exhibiting green electroluminescence”, *Materials Today Communications*, 34 (2022) 104973, March 2023.
- “Design, synthesis, molecular docking and DFT studies on novel melatonin and isatin basedazole derivatives”, *RSC Advances*, 13 (39) (2023) 27525-27534, September 2023.
- “Bioinspired molecular modeling and antibacterial efficacy of silver/ graphene oxide grafted chitosan nanocomposite for food packaging application”, *Biomass Conversion and Biorefinery*, 14 (23) 30091-30100.
- Book Chapter “Biomimetic nanosystems in theranostics” in the book titled *Advanced Nanoformulations vol III* (Academic Press Science Direct Elsevier Inc), 645-668, (January 2023).
- Book Chapter “Bioplastics Overview” in the book titled *Biodegradability of Conventional Plastics - Opportunities, Challenges and Misconceptions* (Academic Press Science Direct Elsevier), 69-82, (January 2023).

PROF. ALKA GUPTA**Publications:**

- “Development and characterization of *Cymbopogon winterianus* (Jowitt) essential oil-based nano-emulsion for larvicidal and antifeedant activity against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae)”, *BioNanoScience*. 2024.
- “Self-Assembled Cationic Nanostructures of Amphiphilic β -Peptides for Amplifying Drug Delivery Efficiency”, *Asian Journal of Chemistry*. 2023, 35(12), 3093-3104.
- “Development of Citronella Essential Oil-based Nanoemulsion and its larvicidal effects against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae)”, *Materials Today: Proceedings*. 2023.

Invited Talks:

- “Self-Assembled Nanostructured Systems for Drug Delivery Applications”, delivered at an International Conference on Advances in Chemical and Applied Sciences For Sustainable Development (ACASSD-2024), 29th-30th March 2024, Organized by JECRC University, Jaipur, Rajasthan, India.
- “Self-assembled nanostructured drug delivery systems designed using biodegradable and bio-reducible polymers” delivered at an International Conference on “Macromolecules: Synthesis, Morphology, Processing, Structure, Properties and Applications (ICM-2024)” organized by Mahatma Gandhi University, Kottayam, Kerala, India on January 12-14, 2024.

Papers presented in Conferences:

- “Nano-emulsified formulation of *Eucalyptus citriodora* essential oil: Development, Characterization and its repellent activity against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae)” in International Conference on Advances in Chemical and Applied Sciences For Sustainable Development (ACASSD-2024), 29th-30th March 2024, Organized by JECRC University, Jaipur, Rajasthan. (Oral Presentation).
- “Development and survival of *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae) larvae on horticultural crops”, International Conference on Advances In Chemical And Applied Sciences For Sustainable Development (ACASSD-2024), 29th-30th March 2024, Organized by JECRC University, Jaipur, Rajasthan, India. (Poster Presentation).
- “Eucalyptus citriodora essential oil loaded PEG-based nanoformulation: Development, characterisation, and bio-efficacy against *Spodoptera litura* (Lepidoptera: Noctuidae)”, International Conference on “Macromolecules: Synthesis, Morphology, Processing, Structure, Properties and Applications (ICM-2024), 12th-14th January 2024, organized by Mahatma Gandhi University, Kottayam Kerala, India. (Short Invited Lecture).
- “Repellency and Insecticidal Activity of nano-emulsified formulation of *Eucalyptus citriodora* essential oil against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae)”, 74th International Symposium on Crop Protection (ISCP), 23 May, 2023, Ghent, Belgium. (Poster Presentation).
- “Development of Citronella essential oil-based Nanoemulsion and its larvicidal effects against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae)”, 4th International Conference on Materials, Manufacturing and Modelling (ICMMM 2023), 24-26 March 2023, VIT, Vellore, India (Oral Presentation).

Other Academic Responsibilities/Activities:

- Convenor of “Science Fair” on the theme, “Cutting-edge Science and Technology for Sustainable Future” on the occasion of National Science Day 2024 organized by Internal Quality Assurance Cell (IQAC) Dyal Singh College, University of Delhi on 28th-29th February 2024.

PROF. ANIL KUMAR NAIN**Publications:**

- “Volumetric, acoustic and viscometric studies on the behaviour of homoeopathic formulations of ammonium causticum at different temperature”, Organic & Medicinal Chem. I.J., 12, 555835 (2023).
- “Evaluation and analysis of Kirkwood-Buff integrals of 1,4-dioxane + aromatic hydrocarbon binary mixtures using inversion procedure and regular solution theory from ultrasonic speed and density data”, J. Acoust. Soc. India, (2023).

**Research Project:**

- Major research project (Grant: Rs. 44,76,800/-) under Fundamental and Collaborative Research on the topic, "Physicochemical Studies of Homoeopathic Drug Formulations by using Volumetric, Acoustic, Viscometric, Optical and Conductometric Measurements" funded by Central Council for Research in Homoeopathy (CCRH), New Delhi.

Remarkable Achievements:

- **International Research Rankings 2023:**

Included in the World's Top 2% Scientists 2023 released on basis of Scopus data of research analysis by Stanford University, USA with Global Rank 249 out of 72,674 researchers in Chemical Engineering Category (more exactly in the top 0.35% scientists).

Included among 24 researchers from University of Delhi in the World's Top 2% Scientists 2023 released on basis Scopus data of research analysis by Stanford University, USA. I held 2nd position among these DU researchers in in C-Score and % ranking of all fields.

Ranked in AD Scientific index 2023 rankings of the world based on Google Scholar data of nearly ~1.4 million researchers from all subject areas. I am ranked 21th in University of Delhi; 1502th in all India; 14917th in Asia and 114382th in the world.

- Member in Editorial Board of Journals: 02
- Member in the Editorial Advisory Board of Journal of Chemical Thermodynamics, Elsevier Ltd., The Netherlands.
- Associate Editor in the Organic and Medicinal Chemistry International Journal, Juniper Pub., USA.

DR. KALPA MANDAL**Publications:**

- "Sequestration of toxic metal ions from industrial effluents using novel chelating resin Tamarind Triazine Aminopropanoic acid (TTAPA), water journal in August 2023.

Mentorship:

- Mentored three summer projects with students of chemistry department and life science department of the college on topics: Environmental challenges in Delhi, E-Waste management and Applications of Nanoscience and Nanotechnology.

**DR. KESHAV KUMAR SAINI****Publications:**

- “Design, synthesis, molecular docking and DFT studies on novel melatonin and isatin based azole derivatives, RSC advances 13, no. 39 (2023): 27525-27534.
- “An Overview of Recent Advances in Hantzsch's Multicomponent Synthesis of 1, 4-Dihydropyridines: A Class of Prominent Calcium Channel Blockers”, Current Organic Chemistry 27, no. 2 (2023): 119-129.
- “Design, Synthesis, In Silico Screening, and Antiproliferative Activity of Novel 1, 2, 3-Triazole Tethered Dibenzosuberane Conjugates”, Biotechnology and Bioprocess Engineering 28, no. 5 (2023): 761-773.
- “Design, Synthesis and Characterization of Novel 1H-1,2,3-Triazole Quinoline-Isatin Tethered Conjugates”, Asian Journal of Chemistry 35, no. 5 (2023): 1269-1275.

Conferences/ Workshops/ Seminars/ Webinars:

- International Conference Sustainable Development: Current Scenario and Future Directions on 29th -30th January 2024 in Department of Chemistry, Government College Karauli, Rajasthan
- International Chemistry Symposium 2023 on 25th October 2023 in Department of Chemistry University of Delhi organised by Thiem group and department of Chemistry University of Delhi
- International Conference on Multidisciplinary Approaches in Engineering, Science, Agriculture & Social Studies on 3rd and 4th June 2023 held at J. P. Sabhagaar, Khandari Campus, Dr. Bhimrao Ambedkar University, Agra, Uttar Pradesh, India

Patents:

- Published a Patent on Biologically active anti-cancer compound and derivative thereof, and green synthesis thereof (Patent Application Number – 202411007373)

DR. INDRAJ KUMAR KUMAWAT**Invited lecture:**

- “Latest innovations and career opportunities in the field of science and technology” at PM Shree Govt. Senior Secondary School, Choukari, Sikar, Rajasthan, Sponsored by Central government PM Shree Scheme on 19 February, 2024.

Paper presented at Conference/Seminar:

- “Appraisal of Sustainable Practices in Higher educational Institutions for Quality Education” at the International Seminar on Sustainable Development Goal organized by Dyal Singh College, University of Delhi Sponsored by NRC-ICSSR on 26-27 February, 2024.

**DEPARTMENT OF COMMERCE****PROF. MINAKSHI****Paper presented at Conference:**

- “Sustainable Traditional Micro Clusters: A Case Study of Weavers Cluster in Odisha” in MESD International conference organized by the department of commerce, University of Delhi in collaboration with ICN business school France.

Other Academic Responsibilities/Activities:

- Invited as a resource person to National Seminar on “NEP 2020: Model Curriculum and content in Commerce and business” organised by CUJ, Ranchi
- Appointed as UGC nominated member of finance committee of Jamia Hamdard University
- Nominated by UGC as special invitee on the Accounting Standards Board, ICAI

DR. RITA NAGPAL

- Authored 5 chapters on ‘Organizational Behavior’, for the study material of M. Com, School of Open Learning.

MR. SHISH PAL

- Presented a research paper titled “The Right to Repair and A new Era of Sustainability” in International Seminar on Sustainable Development Goals at Dyal Singh College, University of Delhi sponsored by NRC-ICSSR.

PROF. (DR.) NEETA TRIPATHI**Publications:**

- “Divine Dancing Celebration; The Cult of Yogini/Dakini in Ancient Hinduism and Buddhism”, *Obnovljeni Zivot*, Vol. 78(3), p.p. 365-378, 2023.
- “Does Investor's sentiments affect industries return? - A case of selected Indian Industries”, *Business Analyst Journal (Emerald Publication)*, Vol No 44, (2), pp 106-127, 2023.
- “A Study on Investors' Sentiment and Market Return of Indian Stock Market”, *Orissa Journal of Commerce*, 43(4), 2023.

Invited Lectures/ Resource Person:

- Invited as a Session Speaker in One week Faculty Development Programme on “Developing a Theoretical Framework of Social Science Research Methodology – Applications and Implications on Scientific Report Writing and Area Studies Programme” organized by Amity Academic Staff College in association with Amity Institute of Social Sciences and Jean Monnet of Erasmus (JNU Delhi) from June 20-27, 2023.

**Ph.D. Supervision:**

- Two Ph. D Research scholars successfully completed their research work and Three Ph. D Research Scholars are currently doing their research works under her supervision.

DR. JYOTI PAUL**Publications:**

- “Social Stock Exchange: A Futuristic Means of Financially Levitating Social Enterprises in India” , 8M the Journal of Indian Management and Strategy, Vol 28(2), pp 23-29, 2023.
- “A Bibliometric Analysis of Role of ICT in sustainable Development Goals” 8M the Journal of Indian Management and Strategy, Vol 2(4), pp 4-11, 2023.
- “Employee perception and CSR: An Empirical study” Parichay Maharaja Surajmal Institute Journal of Applied Research, vol 6(1), 2023.

MS. DIYA SHARMA

- Co-Authored research article on “Cryptocurrency in the Light of Sentiments: A Bibliometric Approach” and a research article on “Unravelling the Sentiment Puzzle: Exploring the Unseen Force Behind Cryptocurrency Value through Systematic Literature Review” published in Scopus ABDC List (C Category) UGC- Care list and ABDC journal List (B Category) respectively.

DR. AMARJEET KAUR

- Published a research article titled - “Entrepreneurs & Social Responsibility Vision”, Review of Research (International recognition multidisciplinary research journal).
- Participated in national conference on multidisciplinary research in socio-economic development of Maharashtra & presented a research article titled - “How AI Help in Increasing the Profitability in Industrial Sector” published in journal - Swadeshi research foundation (Online Mode).

MS. NEHA SAGAR**Publications:**

- Published a book chapter “E-Leadership: Concepts, Competencies and Challenges in Virtual Teams” under the Imprint IIP; Book Title: Cynosure of Management-Proactive Sustainable Practices and Innovation in the Past COVID-19 World.

Faculty Development/ Induction/ Training Programmes:

- Two Weeks Refresher Course on COMMERCE in collaboration with SST COLLEGE OF ARTS AND COMMERCE organized by Teaching Learning Center, Ramanujan College, University of Delhi under the Ministry of Education sponsored by PMMMNMTT scheme from 31st July 2023 to 14th August 2023.



- One-month Faculty Induction Programme organized by TLC, Ramanujan College, University of Delhi under the Ministry of Education sponsored PMMMNMTT scheme from 22 June 2023 to 21 July 2023.
- One Week FDP on “Basic and Advanced Research Techniques: A PLS-SEM Approach” organized by the Department of Management, Maharaja Agrasen Institute of Technology from 3rd July 2023 to 7th July 2023.

Conferences/ Workshops/ Seminars/ Webinars:

- International Webinar on DOAJ & Best Practices in Scholarly Communications” organized by IQAC, Lakulish Yoga University & Industrial Business Department, Business Faculty, University of National and World Economy, Sofia on 28th July 2023.
- One Day Seminar on Dr. B.R Ambedkar’s Vision of India and Present Government’s Policies on 15th April 2023.

Paper presented at Conference:

- “Role of the performance management system and employee performance” at the 20th AIMS International Conference on Management organized at the IIM, Kozhikode on 1st Jan 2023.

Other Academic Responsibilities/Activities:

- Contributed in organizing a seminar on Enterprising Future: Nurturing Tomorrow’s Enterprises at Dyal Singh College on 21st February 2024.
- Contributed in organizing a One Day Conference on G20 Development Agenda: Fintech, Digital Transformation, and Business Prospects Heading towards Sustainable and Inclusive World at Dyal Singh College on 30th November 2023.
- Contributed in organizing an “INCOME TAX HELP DESK ITR MELA 2.0” at the Dyal Singh Commerce from 21st July 2023 to 26th July 2023.
- Worked as a member in One Day Workshop on Financial Education organized by the Department of Commerce, Dyal Singh College on 26th June 2023.

DEPARTMENTAL ACTIVITIES

- The Academic Year 2023-24 unfolded with an intensive Selection Committee Meeting held from May 18th to May 29th, 2023. A diligent Selection Committee meticulously appointed 23 exceptional candidates and enriched the department’s academic landscape. The Department now has 39 talented and hard-working Permanent faculty members.
- The Department, in collaboration with the Association of Mutual Funds in India (AMFI), organized an ‘Investor Awareness Workshop on Financial Education’ on June 26, 2023. Shri Surya Kant Sharma explained the importance of Financial Literacy and personal financial planning and disciplined investments for long-term wealth creation beside warning about emerging financial frauds.



- An Income Tax Help Desk, also known as 'ITR Mela 2.0', was organized by the Department from July 21 to July 26, 2023, to assist all teaching and non-teaching staff of the college in filing their income tax returns. A total of 80 tax returns were filed during the event.
- On August 23rd, an Orientation Program was meticulously organized to welcome the incoming cohort of 26/27. The event aimed not only to acquaint the enthusiastic students with the Institutional ethos and values but also to provide them with a panoramic view of their academic journey.
- The Commerce Student body, COMSOC organized a gratifying Teachers' Day Celebration on September 5, in the college auditorium. The event was a thoughtful blend of cinematic flair, featuring captivating dance performances and engaging dramas.
- This was followed by 'Aagaz', a get together for the new incoming batch on 20th September 2023 to get to know their fellow mates & teachers in an informal friendly environment.
- The 9th edition of Xplore, the Annual Event of the Department of Commerce, took place on October 13, 2023, drawing over 400 students from colleges across Delhi-NCR. The event kicked off with a captivating speech by CA Parag Gupta, shedding light on planning, self-doubt, life experiences, and overcoming failure.
- An Industrial visit was organized by the department on 30th October to Hero MotoCorp Ltd, which is one of the world's largest two-wheeler manufacturers. The purpose of this visit was to acquaint students with practical industrial exposure and improve their understanding of the real time business scenario through experiential learning.
- On 21 November 2024, The Department organized the 'Young Stakeholders Summit' to mark the Student Centric Pre-Event of the "National Conference on G20 Development Agenda" (NCGDA). The summit hosted the students from different colleges in the pedestal of delegates from different Nations. The proceedings encompassed deliberations in the domains of global trade, sustainability, and cultural interchange, facilitating profound mutual understanding among the participants. The summit concluded with Conferring the Best Delegate Award to delegate from 'Bharat', while Canada's representative attained a commendable second position. This summit exemplified the college's unwavering dedication to nurturing prospective global leaders and advancing diplomacy on a global scale.
- On November 30, 2023, The Department of Commerce, Dyal Singh College, in collaboration with the Research and Information System for Developing Countries (RIS), organized a one-day national conference on "G20 Development Agenda: FinTech, Digital Transformation, and Business Prospects." Held at the India Islamic Cultural Centre in New Delhi. The event graced by Chief Guest Shri Kailash Choudhary, Hon'ble Union Minister of State for Agriculture and Farmers Welfare (Inaugural Session), and Professor Rakesh Sinha, Hon'ble Member of Parliament, Rajya Sabha (Valedictory Session). The event unfolded with three technical sessions and one Paper Presentation



Session. Distinguished diplomats, panelists and researchers led engaging discussions under the respective theme of each session. The researchers, academicians, and students from across the states presented their research papers in the paper presentation session.

- On 10 February 2024 a Parent Teacher Meeting was organized by PTA Committee of the Department to provide a common platform for the Parents and Teachers to address their concerns related to the students.
- On 21 February, 2024 the Department organized an enlightening lecture Shri Jitender Giridhar a serial Entrepreneur and a bestselling author on “Nurturing Aspiring Entrepreneurs. The session provided valuable insights into the challenges faced by the entrepreneurs and offered strategies to overcome them.
- On March 14, 2024, Grahak Sabha, Department of Commerce organized a speaker session on "Consumer Awareness." by Advocate Gaurav Mishra, wherein he shared various cases from District Consumer Forum, High Court, and Supreme Court. The session was very engaging and informative for the participants.
- The Department of Commerce organized its Annual Academic and Cultural Conclave ‘Communique 24’ on 21-22 March. A thoughtful mix of creative and engaging events ‘Communique 24’ graciously hosted IRAS Shri Nav Goel ji, Deputy Financial Advisor, Ministry of Railways as Chief Guest and IPS, Ms. KM Priyanka, ACP, Sangam Vihar as Guest of Honor. With the wholehearted participation and support of the faculty and students, the annual intercollege two-day event, witnessed illustrious dignitaries and speakers along with sizeable participation from various colleges across university making it a huge success.
- Two of the Faculty members, Dr. Ashima Goel and Dr. Ritika Tanwar have been awarded their Doctorate this year.

DEPARTMENT OF COMPUTER SCIENCE

PROF. ANITA GOEL

Publications:

- “A Comprehensive Microservice Extraction Approach Integrating Business Functions and Database Entities”, The International Arab Journal of Information Technology, Vol. 21, No. 1, January 2024.
- “A choreographed model for Fork-Join Workfow in Serverless Computing”, Journal of Cloud Computing 12, 63, April 2023.
- “Preserving integrity in online assessment using feature engineering and machine learning”, Expert Systems with Applications, Vol. 225, April 2023, 120111.



- “Detection of Internet Cheating in Online Assessments using Cluster Analysis”, in Proceedings of the 7th International Conference on Data Management, Analytics & Innovation (ICDMAI), DIAT, Pune, India. pp. 77- 90.

PROF. HEMA BANATI

Publications:

- “Binary Peacock Algorithm: A Novel Metaheuristic Approach for Feature Selection”, *J Classif* (2024).
- “Does Bilingual Specification impact students’ comprehension of problems in Introductory Programming?”, in Proceedings of the 16th Annual ACM India Compute Conference. 2023, pp. 66–71.
- “Shuffled Flamingo Search Algorithm (ShFSA)”, in: Proceedings of the 12th International Conference on Soft Computing for Problem Solving (2023, August).
- “Binary MMBAIS for feature selection problem”, Hybrid Computational Intelligent Systems, CRC Press, 2023, pp. 173.

PH.D. Supervision:

- Three research scholars are working under her supervision for doctorate work.

Invited Talk:

- “Inculcating Research Culture in Higher Education: NEP 2020” in National Conference in Collaboration with NAAC on, “Role of Faculty in Implementing NEP 2020 and Inculcating Research Culture in Technical Institutes” on 11th August 2023.

Other Academic Responsibilities/Activities:

- Member of several Technical Program Committees in International conferences.
- Reviewer for several Journals like, Big Data Research, Computers and Security, Engineering Reports and Nurse Education Today.

DR. SHEETAL RAJPAL

Publications:

- “XLR-Net: Explainable AI-driven improved L1-regularized deep neural architecture for NSCLC biomarker identification”, *Computational Biology and Chemistry*. 2024; 108:107990-107990.
- “Enlightening the path to NSCLC biomarkers: Utilizing the power of XAI-guided deep learning. *Computer Methods and Programs in Biomedicine*. 2024; 243:107864-107864.

Book Published:

- "Computer Science with Python for CBSE Class 12 (Focus on Modularity & Documentation)", Orange 2023.



- "Computer Science with Python for CBSE Class 11", Orange 2023.
- "Computer Science with Python for CBSE Class 11 (Focus on Documentation)", Orange 2023.
- "Information Practices with Python for Class 12" Orange 2023.
- "Information Practices with Python for Class 11" Orange 2023.

Other Academic responsibilities/Activities:

- Resource person in FDP on Python for Finance organized by Bharati College, University of Delhi held from 23-25 Nov, 2023.
- Resource person in add on course on Fundamentals of Python organized by Sri Guru Gobind Singh College of Commerce, University of Delhi held from 22 Aug-28 Sep, 2023.

DEPARTMENT OF ECONOMICS

MR. MADHURENDRA SINGH

Faculty Development/ Induction/ Training Programmes:

- 4-Week Faculty Induction/ Orientation Programme for Faculty in College of Higher Education from 20th September- 19th September 2023 organized by Ramanujan College, University of Delhi.

Other Academic Responsibilities/Activities:

- Convener for organizing two-day International Seminar on "Sustainable Development Goals" on 26th and 27th February 2024 (Received financial assistance of Rs.150000 by NRC-ICSSR).
- Organized a two-day Human Rights Training Programme on the theme "Human Rights in 21st Century Contemporary issues and Challenges" on 16th and 17th March 2024 organized by Dyal Singh College, University of Delhi in collaboration with National Human Rights Commission.
- Presented a paper "A statistical inquiry in the Indian Context Gender Gap in labour force participation and its Determinants on 16th and 17th February 2024 on SDGs, organized by Department of Economics, Dyal Singh College.

DEPARTMENTAL ACTIVITIES:

- **Two- Day International Seminar on Sustainable Development Goals**
- **Sponsored by NRC-ICSSR**
- The Department of Economics, Dyal Singh College, in collaboration with the Northern Regional Centre - Indian Council of Social Science Research (NRC-ICSSR), hosted a prestigious two-day international seminar on the 26th and 27th of February 2024.
- The ceremony was graced by eminent personalities, with the Honourable Minister of State for Education and External Affairs, Dr. Rajkumar Ranjan Singh, serving as the Chief Guest. Shri Rampriti Mandal, Honourable Member of Parliament, Lok Sabha, was the esteemed Guest of Honour. Prof. Nitya Nanda, Director of the Council for Social



Development, New Delhi, delivered the keynote address, offering valuable insights into the seminar's themes.

- **Seminar Proceedings:**

- The seminar comprised seven sessions, each focusing on different themes critical to economic development and sustainability.

- **Session 1 - Theme: Education, Health, and Employment**

- Chaired by Prof. Shankar Kumar Bhaumik, Founder of Patliputra School of Economics, Patna and Prof. Naseeb Ahmed, Department of Commerce and Business Studies, Jamia Millia Islamia. In which, 18 papers were presented.

- **Session 2 - Theme: Industry, Innovation, and Infrastructure**

- Chaired by Dr. Deb Mukherji, Chief Advisor, Omega Seiki Pvt. Ltd. And Dr. Ajit Kumar Jha, Assistant Professor, Institute for Studies in Industrial Development. 14 papers were presented in this session.

- **Session 3 - Theme: Affordable and Clean Energy**

- Chaired by Prof. Jai Kishan, Zakir Hussain College, University of Delhi. Faculty coordinators: Dr. Bibek Kumar Rajak and Ms. Sangeeta Meena. 9 papers were presented in this session.

- **Session 4 - Theme: Peace, Justice, and Strong Institutions**

- Chaired by Mrs. Smita Singh, Additional Commissioner of Income Tax. Faculty coordinators: Mr. Sanjay Kumar and Ms. Taruna Rajora. 4 papers were presented in this session.

- **Session 5 - Theme: No Poverty and No Hunger**

- Chaired by Dr. Himanshu, Associate Professor, Centre of Economic Studies and Planning, JNU. Faculty coordinators: Dr. Sandhya Varshney and Ms. Neetu Khullar. 7 papers were presented in this session.

- **Session 6 - Special Session: Research by Postgraduate and Undergraduate Students**

- Chaired by Dr. Amit Kant Awasthi, Assistant Professor, Department of Environment Science, Dyal Singh College. Faculty coordinators: Ms. Vandana Tulsyan and Mr. Rakesh Kumar. 5 papers were presented in this session.

- **Session 7 - Special Session: Meet-the-Editor**

- A "Meet-the-Editor" session was conducted by Prof. Sanjay Singh, University of Dundee, Editor-in-Chief of the Journal of Asia Business Studies, which was the publishing partner for the event.
- The event provided a platform for rigorous discussion on various themes, contributing to the advancement of knowledge in the field. The seminar's diverse sessions, esteemed speakers, and engaging discussions made it a memorable and enriching experience for all participants.



DEPARTMENT OF ENGLISH

DR. AYESHA IRFAN

Papers presented at Conferences:

- “The Sufi and the Bhakti traditions in India and the concept of Divine Lover” organised by the Comparative Literatures Association in India and the Department of English Sikkim University, from 20-22 November, 2023.
- “Oral Folktales, Fantasy and Folklore in Children’s stories by Chinua Achebe” at an International Conference titled “Mapping the Marvellous, Mythopoeia, Multiverse and Fantasy Across Literature(s), Films and Media” organised by the University of Rajasthan, Jaipur on 19- 21 December.
- “Bernard Shaw’s intellectual Comedies and Shavian Wit and Humour” at the IACLALS international conference, 2024 from 15-17 in BITS PILLANI.
- “Posthumanism and the Human Subject” at an International Conference organised by Jagat Guru Nanak Dev Punjab State Open University, Patiala, the conference was titled “Posthumanism, Cybernetics and Human Rights, 25-26 July, 2023.

Other Academic Responsibilities/Activities:

- A member of SALA, (South Asian Literary association) and co-chair of the SALA annual conference, 2023, titled as “Envisioning Black and South Asian Solidarity: History, Culture, Praxis.” (Held in an online mode on 1st and 2nd April 2023) also presented a



paper titled “Toni Morrison to Black Lives Matter: Pandemic and the Protest.” (online mode)

- Participated in a panel discussion on Gender and (New) Social Media: Questions of Representation, at a National Conference organised by English Literary Society, Dyal Singh college, on May 2, 2023.

DR. MOUMITA SARKAR

Publications:

- “A Hymn to Education through the Chronicles of Personal Narratives of Savitri Bai Phule and Pandita Ramabai”, International Journal of Research and Analytical Reviews (IJRAR), 29 July, 2023; Vol 10, Issue 3,384-387.

Papers presented at Conferences:

- ‘Symbiosis and Deracination: Exploring the Political and Economic Ecology from riverine fictions of West Bengal’ in an International Conference on Rivers of South Asia: Connecting Ecology, People and Governance at Bangladesh on 22-23 July, 2023.
- ‘Whose Nation is it? Understanding Community, Environment and the Rhetoric of Development’ in an International Conference on XVI Biennial CLAI, International Conference on Interplay of Community, Textuality and Orality: Comparative Perspectives of History, Culture and Society, organized in collaboration with Sikkim University on 20-22 Nov, 2023.
- ‘Understanding the Socio-Cultural Aspects of an Indian Tale’ in a National Seminar organized by Bharatiya Bhasha Samiti, Dyal Singh College, on 4th Nov, 2023.

Invited Talk:

- As a Resource Person in the Annual Conference on Nature Narratives organized by the Dept of English, Dyal Singh College, on April, 2023.

DR. SHIVRANJANI SINGH

- Successfully completed FDP “NEP 2020, Orientation and Sensitization Programme” under Malviya Mission "Teacher Training Programme-(MM-TTP) of University Grants Commission from 15 - 28 January, 2024.

DR. YAMINI

Publications:

- Book titled as Imagining a Postcolonial Nation: Hindi Novels and Forms of India (1940s-80s), Bloomsbury Publications, September 2023.

Papers Presented at Conferences:

- “Nayi Kahani: Rescuing Truth from Artistic and Political Totalitarianism” at the International Conference on 'Post-truth(s): Representations in Contemporary

Literature and Cinema' held at the Department of English, Aligarh Muslim University on 28th and 29th November, 2023.

- Presented a paper titled 'Harishankar Parsai: Satirizing the Performance of Nationalism' at the IACLALS Annual Conference on 'Wit, Humour and the Carnavalesque in Literature and Performance' held at BITS Pilani, K K Birla Goa Campus, from 15 February 2024 to 17 February 2024.

DR. ALKA SHARMA

Publications:

- Published a research article in UGC CARE Approved Group- II journal.

Patents:

- Published a patent on “Deep learning-based English Translation System with Improved Accuracy”.

Faculty Development/ Training Programmes/Workshops:

- Orientation and Sensitization Programme on “NEP 2020”, under Malviya Mission Teacher Training Programme of University Grants Commission from 03-12 January, 2024.
- Participated in two-day workshop on “Establishment of Modalities for Skill Enhancement Courses” organized by Skill Enhancement Courses Committee, University of Delhi on 4th and 5th March 2024.

DEPARTMENT OF GEOGRAPHY

DR. SWATI THAKUR

Publications:

- “Groundwater quality assessment for drinking purpose in Gurugram district of Haryana, India”, Arabian Journal of Geosciences, 16469, 2023.
- “Snow Cover and Snowline Variation in Relation to Land Surface Temperature in Spiti Valley, Himachal Pradesh, India”, International Journal of Ecology and Environmental Science, 49, 187-199, 2023.

Papers presented at Conferences:

- “Altitudinal Appraisal of Land use land cover and surface temperature change in the Sutluj basin, India” in an International Workshop on Geography and Sustainability 2023, GEOSUS, Oct 2023.

Other Academic Responsibilities/Activities:

- Served as a member of Central Admission Helpdesk Committee, University of Delhi for admission to Undergraduate, Postgraduate and 24 programs for the



Academic Session 2023-24 for smooth conduct of admission process of the University of Delhi.

- Coordinated three (03) online courses of IIRS (Indian Institute of Remote Sensing), Dept. of Space, Government of India in its outreach Program as Coordinator for Dyal Singh College, Nodal Centre.
- Resource Person as Co-Chair of presentation session, National Conference on Transforming India – Risk to Resilience, Organised by Centre for Disaster Studies (CDS) Jawaharlal University, Delhi, March 15, 2023.
- Presenter for the group discussion on University and Higher education role in Disaster Risk Reduction, National Annual Training Conference (NATC) 2024 organised by NIDM, Ministry of Home Affairs, Gol, 26th Feb, 2024.

DR. SHWETA RANI

Publications:

- “Perception-Based Geographical Analysis of Cybercrime: Assessing Vulnerability of Women, Child and Senior Citizens in Palam Colony, NCT Delhi”, International Journal of Advanced Research in Computer and Communication Engineering, 12(5): 11-25, May 2023.
- “Environment and Sustainable Development: A Theoretical Framework”, European Chemical Bulletin, 12 (Special Issue): 349-372, 2023.
- “Water Management, Conservation Practices and Water Harvesting Techniques in South Delhi District, Delhi- A Study of Changing Urban Dynamics”, Edulink: A Multidisciplinary Journal, 8(5): 59-71, May 2023.
- “Urban Flood Risk Assessment and its Disaster Management for Disaster Risk Reduction: A Case Study of Patna District, Bihar”, Geographical Perspective: A Journal of Association of Geographers, Bihar & Jharkhand, Volume 23: 104-119, October 2022 (published in December 2023).
- “Emerging Issues and Problems of Soil Salinity and Water Logging: A Case Study of Indira Gandhi Canal, Rajasthan”, Knowledgeable Research, 1(7): 1-17, May 2023.

Book Chapters:

- “Urbanization and Economic Interdependency: An Econometric Analysis of Inter-State Change and Continuity in India, 1981–2011”, in Urban Commons, Future Smart Cities and Sustainability.
- “Environmental Dimensions of the SDGs: Global and National Perspective”, in Global Goals: A Primer to Sustainable Development Goals. ISBN: 978-93-91654-34-4



- “Trend Analysis, Causes, Impacts and Regional Imbalances of Poverty in India: Sustainable Solutions and Practices”, in Alleviating from Below the Line: Ending Global Poverty. ISBN: 978-93-91654-35-1
- “The Nexus between Disparities in Natural Resources and Environmental Hazards and its Impact on Environmental Inequality”, in Reducing Inequalities: A Commitment to Sustainable Development.
- Education for Resilient, Climate Smart, and Productive Farming Practices: A Move towards Achieving Sustainable Development Goals in India”, in Zero Hunger: Creating Sustainable Food Systems.
- “Cyberbullying: The Ugly Side of Social Media”, in Social Media in Education. ISBN: 978-93-91654-19-1,.

Books – Edited:

- “Constraints on Achieving Sustainability in India”, ISBN: 978-81-9507-761-8, New Delhi: TERI Publications, 2023.
- “Water: Research and Technology”, ISBN: 978-93-88901-81-9, Kolhapur: Bhumi Publishing, September 2023.

Faculty Development/ Induction/ Training Programmes:

- Refresher Course in “Sustainable Development”, Aurangabad, 21st August – 4th September 2023.
- One-week Online Faculty Development Program on “Indian Knowledge Systems” organized by KIIT College of Education, Gurgaon, 19th – 25th June 2023.
- Five-Days International Faculty Development Program on “Advanced Technologies in Artificial Intelligence and Data Analytics” organized by Astana IT University, Astana, Kazakhstan, 19th – 23rd February 2024.

Invited Talks:

- “Research in Indian Knowledge System”, KIIT College of Education, Gurgaon, 19th – 25th June 2023.
- “Application and Significance of Correlation and Regression Analysis in Research, Roorkee, 7th – 12th August 2023.

Research Guidance:

- Pursuing – 04
- Awarded- 01

Papers presented at Conferences and Participation:

- Paper presented on “Analyzing the role of Social Media Platforms in Reducing and Managing Cyber Crime induced Disaster: A Case Study of Palam Colony, NCT Delhi”. Indore, M.P, 17th – 18th August 2023.
- Paper presented on ‘Role of Non-Timber Forest Products in Promoting Rural Livelihoods: A way to Rural Sustainability.’ University of Delhi, 13th October 2023.
- Paper presented on ‘Digital Education-The New and Modern Form of School: Trends, Challenges and Benefits.’ and ‘Unlocking the Future: From Classroom to Digital Era of Learning.’ Council for Teachers Professional Development (CTPD) India, 14th -15th October 2023.
- Paper presented on ‘Infrastructure Development, Emerging Problems of Concretization and its sustainable Practices: A Geographical Analysis of Delhi Metropolitan Region. Dyal Singh College, Delhi, 26th -27th Feb 2024.

DR. RAJESH KUMAR ABHAY

Publications:

Book Chapters-

- Lead Editor, Book-Constraints in Achieving Sustainability of India. New Delhi: TERI Press, 286 pp. ISBN: 978-93-94657-12-0
- “Introduction and overview”, Constraints in Achieving Sustainability of India. New Delhi: TERI Press, pp. 1-13.
- “Sustainable Development: Concept, components and history”, Constraints in Achieving Sustainability of India. New Delhi: TERI Press, pp. 15-27. (with S. Rani).
- “Principles and challenges of good governance in achieving sustainability of India”, Constraints in Achieving Sustainability of India. New Delhi: TERI Press, pp. 251-260. (with Latambika Sapawat).

Paper Presented at Conferences:

- “Appraisal of Sustainable Practices in Higher Education Institutes for Promoting Quality Education”, International Seminar on “Sustainable Development Goals”, organized by Department of Economics, Dyal Singh College, University of Delhi, 26-27 February 2024.
- “Analysis of substandard living households in census towns of Trans-Yamuna Delhi”, at the 45th Indian Geography Congress, International Conference of NAGI on “Environment, Development and Sustainability: The Exigency of Geography for a Resilient Future”, organized by Department of Geography, Savitribai Phule Pune University, Pune, 14-16 December 2023.
- “Flood hazard zonation modeling using hybrid machine learning models of Balrampur: A district located on Indo-Nepal border”, at the 45th Indian Geography Congress, International Conference of NAGI on “Environment, Development and Sustainability:



The Exigency of Geography for a Resilient Future”, organized by Department of Geography, Savitribai Phule Pune University, Pune, 14-16 December 2023.

- “Constraints in achieving housing quality in urban areas of India: Case of Delhi mega city”, at the International Conference on ‘Sustainable Development’, 18-20 Sep, 2023.
- “Built-up Expansion and Emerging Housing Challenges in Mega-Cities of India”, at the National Seminar on ‘Stress of Urban Expansion and Disasters in Uttarakhand’ organized by DD College, SDSU University, Dehradun, 5-6 January 2024.
- “Traditional Indian Knowledge System of Water Management Practices: A Sustainability Perspective”, at the National Seminar on Locational Perspective of Evolution of Culture, Knowledge and Wisdom in India’ organized by Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi, 3-4 November 2023.
- “Urbanization and Spatial Manifestation of Substandard Accommodations: A Study of Census Towns in Trans-Yamuna Delhi”, at Associates Seminar organized by Indian Institute of Advanced Study (IIAS), Rashtrapati Nivas, Shimla, 26 September 2023.

Invited Lectures:

- “Introduction and Application of GIS, GPS and ICT use in Geography”, at INSET Programme organized by District Institute of Education & Training Moti Bagh, New Delhi, 6th and 9th November 2023.
- “Application of Remote Sensing & Geographical Information System”, at SBV Rouse Avenue organised by State Council of Educational Research & Training, Defence Colony, New Delhi, 09-13 October 2023.

National Awards, Scholarships and Fellowship:

- Associate-ship at the Indian Institute of Advanced Study, Shimla under the UGC Inter-University Centre for Humanities and Social Sciences. Completed Second Spell in Sept. 2023.

Other Academic Responsibilities/Activities:

- Member, Viksit Bharat@2047: Voice of Youth Campaign
- Co-Convener of Two-Day Science Fair on the Occasion of National Science Day organized by IQAC, Dyal Singh College, University of Delhi, 28th-29th April 2024.

DR. ABHAY SHANKAR PRASAD

- Organizing committee for the two-day Science Fair, National Science Day 2024, 28th – 29th February 2024 on Cutting Edge Science & Technology for Sustainability Future in collaboration with Shriram Institute for Industrial Research, IQAC Dyal Singh College, University of Delhi, Delhi.
- Coordinator of Summer Research Internship Program (SRIP-2024).
- Completed the Two Weeks Online Training Programme on “NEP 2020 Orientation &



Sensitization Programme” from 01st January – 14th January 2024.

- Coordinator of the one-day Seminar on Himalaya: A Global, Regional and Local Perspectives of Climate Change, Ecology and Livelihood Security, Challenges and Management, Dyal Singh College, University of Delhi, 14 February, 2024.

DEPARTMENTAL ACTIVITIES

- One day seminar on “Gender Responsive Budgeting”, 13th October
- Invited talk and student interaction on “Gender and Geography: Tracing Sub Field”, Speaker: Prof. Anindita Dutta, HoD, Department of Geography, University of Delhi, 16th October
- One day seminar on ‘Himalayas’, Speaker: Prof. B W Pandey, Director, Himalyan Study Centre, UoD, 14th February
- One Day Workshop on ‘Self Defence’ (Only for girls), in collaboration with Disaster management Committee and Delhi Police, Lodhi Road, 21st February
- One Day Seminar on ‘Control and Prevention of Air Pollution’, Speaker: Dr. N. Subrahmanium Scientist, MoEFCC, Ministry of Home Affairs Govt. of India, 28th February

DEPARTMENT OF HISTORY

DR. UMA SHANKER SINGH

Publications:

- 1857 Uprisings in Haryana: A Case Study of Ahirwal Regions, in The Mirror, Vol-10, PP-162-169, 2023.
- Resistance and Rebellion of 1857: A Case of Thanesar Regions, in Proceedings of Haryana History Congress, 7th session, PP- 281-287, 2023.
- National Education Policy (NEP) 2020 Challenges and Prospects, in edited book- Twenty First Century Speaks, published by MCMAGK, Cinnamara College, Jorhat, Assam, 2023, PP- 54-65.
- Sustainable Environment and the Gandhian Approach, in Krongdosee, Vol-IX, Mouthpiece of Department of Geography, 2024, published by MCMAGK, Cinnamara College, Jorhat, Assam, PP- 1-9.

Conferences/ Workshops/ Seminars/ Webinars:

- Paper Presentation in History Congress/Seminar/Conference Popular Uprising in South East Punjab: A Case of Ambala Regions, in 8th session Haryana History Congress, on 25-26 November, 2023, held in Bhagat Phool Singh Mahila Vishvidyalaya, Khanpur Kalan, Sonipat, Haryana.
- Chaired Technical session, in Haryana History Congress, on 25 & 26 November, 2023.



- Invited as a speaker in 64th Annual Conference of Institute of Historical Studies (Govt-aided) on Environmental Crisis in Modern Context, on 23-24 February, 2024, organized by HMMC, SNC, GHC and P.N Das College.
- Invited to present paper in the seminar: Rethinking History of Punjab: The Indian Civilizational Context, organized by, Indian Institute of Advanced Study, Shimla.

Appointed as Editor/ Associate Editor:

- Editor of Haryana History Congress Proceedings, 7th session.
- Associate Editor for History Journal, The Mirror, 2023-24, by Cinnamara College, Jorhat, Assam.
- Editorial member of, Krondosee, Vol IX, 2024, Mouthpiece of Department of Geography, Cinnamara College, Jorhat, Assam
- Examiner by CTET conducted by CBSE, 2023.
- One of the panelist, for paper setting for Uttarakhand State Eligibility Test (SET) 2024, by Kumaun University, Nainital.

Other Academic Responsibilities/Activities:

- Library committee convener and organized book fair on 29th February 2024.
- Deputy coordinator of C.E.C, Dyal Singh College
- Worked as anti-ragging committee member
- Appointed as superintendent (practical exam) Department of History, Dyal Singh College 2023-24.
- Appointed as Examination Deputy Superintendent of College semester exam, 2023-24.
- Appointed as external examiner in Department of Political Science to conduct practical exam in VAC course, July 2023.
- Organized Indian Culture and Happiness 3.0, under the aegis of IQAC, on 8th November, 2023.
- Member of election committee for the D.U.S.U and College Students Union election 2023-24.
- Member of screening committee for scrutinizing application (Assistant Professor), Department of History, 2023-24.
- Worked as member of moderation committee, Library Committee, History society and IQAC of Department of History, 2023.

DEPARTMENT OF MATHEMATICS

PROF. ARUN PAL SINGH

Publications:

- On quasi-grand Lebesgue spaces and Hausdorff operator, Bull. Malays. Math. Sci. Soc., 2024(47:14), pp15.



- Extrapolation theorems in Lebesgue and grand Lebesgue spaces for quasi-monotone functions, Trans. of A. Razmadze Mathematical Institute, Vol. 177(2), 2023, pp.14. (Published by I. Javakhishvili Tbilisi State University, Georgia).

Invited Lectures/Talks

- Chaired a session and delivered a talk titled “Extrapolation in Lebesgue spaces” at the International Conference on Advances in Pure & Applied Mathematics (ICAPAM) organized by the Shyam Lal College (University of Delhi), Shahdara, Delhi during February 08-10, 2024.
- Conducted a Workshop on Exploration of Mathematical concepts by using the software “Maxima” organized by the Department of Mathematics, Centre of Excellence, Govt. College Sanjauli, Shimla, HP during December 26-28, 2023, held for the undergraduate students, post graduate students, research scholars and college teachers.
- Participate and delivered a talk titled “Rubio de Francia Type Extrapolation” at the Tenth Congress of Romanian Mathematicians, held at the University of Pitești, Romania during June 30 - July 5, 2023.
- Chaired a session at the International Conference on Pure and Applied Mathematics (ICPAM-2024) organized by the Department of Mathematics, Janki Devi Memorial College (University of Delhi), Delhi during February 22-23, 2024.

DR. RAJEEV KUMAR

- Coordinator of One Week FDP, organized by Dyal Singh College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi on Recent Trends in Mathematical Sciences from 11-16 September 2023.
- Presented a paper entitled “On Construction of Linear Codes using Quasigroups” in the International Conference on Advances in Pure & Applied Mathematics (ICAPAM), organized by Shyam Lal College, University of Delhi from 8-10 February 2024.

DR. ARVIND KUMAR

Publications:

- “Role of interspecific competition among predators and group size: A dynamical approach”, Journal of Interdisciplinary Mathematics, 2023 Vol. 26, No. 3, pp 563-571.
- “Generalized second order G-Wolfe type fractional symmetric program and their duality relations under generalized assumptions”, International Journal of Mathematical, Engineering and Management Sciences, 2023 Vol. 8 No. 1, pp 142-162.

Faculty Development/ Induction/ Training Programmes:

- 4-week Faculty Induction/Orientation Programme organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education PMMMNMTT, Delhi, India during 20 Feb - 21 Mar, 2023.



- Two-week refresher course in mathematical sciences organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education PMMMNMTT, Delhi, India during 28 Jan -11 Feb, 2023.
- 4-days FDP by The Department of Commerce, University of Delhi in association with Atman: The Mind, Body and Soul Club, Shri Ram College of Commerce presents the first time ever FDP at serene river banks of The Ganga at Rishikesh, to have experiential learning on the topic, 'Learning to Live a life of Happiness and Fulfilment' exclusively for the faculty of Delhi University at The Art of Living Centre, Rishikesh(UK), India during 18th June – 21st June, 2023.
- Two-week Online Faculty Development Programme on “Computer Algebra System” organized by IQAC, Ramjas College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi, Delhi, during 22nd March-3rd April, 2023.

Conferences/ Workshops/ Seminars/ Webinars/Competitions:

- Attended and presented a paper at International Conference on Advances in Pure & Applied Mathematics (ICAPAM), at Shyam Lal College, University of Delhi, 8-10 February, 2024.
- Chaired a session at International Conference on Advances in Pure & Applied Mathematics (ICAPAM), at Shyam Lal College, University of Delhi, 8-10 February, 2024.

MR. RAM BAKSH**Papers presented at Conferences:**

- "An Authentication Framework for Smart Grid using Elliptic Curve Cryptography" in the international conference on Analysis and its Application (ICAA-2024) held during January 19-21, 2024, Jamia Millia Islamia, New Delhi, India.
- "A Robust ECC based Authentication Framework for Smart Grid " in the international conference on Advances in Pure & Applied Mathematics (ICAPAM-2024) held during February 08-10, 2024, Shyamlal College (University of Delhi), New Delhi, India.

Faculty Development/ Induction/ Training Programmes:

- Two Weeks Online Training Programme on "NEP 2020 Orientation and Senitization Programme", organized by Mahatma Hansraj Malaviya Mission Teacher Training Center, Hansraj College, University of Delhi during 01st - 14th February 2024.
- Contributed as "Organising Team Member" in One Week (Online) Interdisciplinary Faculty Development Programme on "Recent Trends in Mathematical Sciences (11th-16th September, 2023)" organized by Dyal Singh College (Morning), University of Delhi, in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.

**DR. ABDULLAH****Publications:**

- “Perturbed R3BP with logarithmic potential”, *Astronomy reports*, 67, 12, 1473-1482, 2023.
- “Effects of perturbations and solar sail on the motion of test particle in CRTBP”, *Romanian Astronomical J.*, 33(1-2), 157-170, 2023.
- “Equilateral triangular configuration in the perturbed circular restricted 4-body problem with kerr like primaries and variable mass test particle”, *Astronomy reports*, 67(10), 999-1007, 2023.
- “Bi-circular model with test particle variable mass”, *Annals of Mathematics and Computer Science*, 19, 42-52, 2023.
- “Motion properties in the GPCR3BP with their interactions under the effects of variable mass and asteroids belt”, *Astronomy reports*, 67(6), 655-666, 2023.
- “Oblateness and mass variation effects on the Hill R4BP”, *Research square*, <https://doi.org/10.21203/rs.3.rs-2615800/v1>, 2023.
- “Interactions of various shaped bodies in PCR3BP”, *Journal of Contemporary Applied Mathematics*, 13(1), 83-98, 2023.
- “Study the non-linear stability of non-collinear libration point in the restricted three-body configuration when the shapes of the primaries are taken as heterogeneous and finite straight segment”, *Solar system research*, 57(3), 261-277, 2023.
- “Shapes and mass variation effects of the bodies in the generalized elliptic restricted 3-body problem”, *Astronomy reports*, 67 (4), 393-403, 2023.
- “Halo orbits under some perturbations in the cr3b problem”, *Symmetry*, 15, 418, 2023.
- “Interaction of 3-body in the circular restricted problem with variable mass”, *Astronomy and computing*, 42, 2023.

DR. MONIKA CHOUDHARY**Publications:**

- “A Higher-Order Defect Correction Method Over an Adaptive Bakhvalov–Shishkin Mesh for Advection–Diffusion Equations” in the *Iranian Journal of Science*.
- “A Parameter-Robust Numerical Method Based on Defect-Correction Technique for Parabolic Singular Perturbation Problems with Discontinuous Convection Coefficient and Source” in the *International Journal of Computational Methods*.

Mr. GAURAV KUMAR**Publications:**

- On variants of θ -Menger spaces, *Filomat* 37:15 (2023), 5075–5085, Published by Faculty of Sciences and Mathematics.

**DEPARTMENT OF PHYSICS****DR. ARPITA VAJPAYEE****Publications:**

- “Design, synthesis, molecular docking and DFT studies on novel melatonin and isatin basedazole derivatives, RSC advances 13, no. 39, 27525-27534, 2023.

Faculty Development/ Induction/ Training Programmes:

- Faculty Development Programme on “Principles of Radiation Detection and Measurement and Experimental Techniques” – 3rd to 9th April, 2023, organized by Ramjas College collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi
- Faculty Induction Programme from 20th June to 19th July, 2023 organised by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi
- Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from 21st Aug, 2023 to 19th Sept, 2023, organised by Teaching Learning Centre, Ramanujan College, University of Delhi, in collaboration with Dhote Bandhu Science College, Gondia, Maharashtra
- Two-week Interdisciplinary Refresher Course on “Advanced Research Methodology” from 21st Nov, 2023 to 5th Dec, 2023 organised by Teaching Learning Centre, Ramanujan College (under the aegis of PMMMMNMTT)
- One-week Faculty Development Program (FDP) on “DEVELOPING MOOCS” from 25th Dec, 2023 to 31st Dec, 2023, organised by Teaching Learning Centre, Ramanujan College (under the aegis of PMMMMNMTT)

Other Academic Responsibilities/Activities:

- Contributed in organizing in the “Science Fair” on the theme of “The Cutting-edge Science and Technology for a Sustainable Future” organized by Internal Quality Assurance Cell (IQAC) of Dyal Singh College in collaboration with Shriram Institute of industrial research, sponsored by ICMR from 28th to 29th February 2024.
- Convenor, Seminar and Hands on Demonstrations of Semiconductor Materials and Electronic Devices alongside India’s Techade-Chips initiative on 13th March, 2024
- Convenor, Seminar on “Nobel Prize 2020 in Physics: Perspective of Quantum Black Hole(s)” and Freshers’ Welcome on 16th October, 2023
- Seminar on “Uncovering the Mysteries of Creation” on 12th April, 2023 at Dyal Singh College (Member, Organizing Committee).

DR. AJAY MISHRA**Publications:**

- “Duo satellite-based remotely sensed land surface temperature prediction by various methods of machine learning”, International Journal of Data Science and Analytics, 1-19, 2023.

DR. MONU MISHRA**Publications:**

- “Hole Transport Layer Optimization for Mixed Halide Perovskite based Solar Cells to achieve Better Photovoltaic Performance”, Indian Journal of Pure and Applied Physics, 61, 851, 2023.
- “Surface functionalization of Gallium Nitride for biomedical implants applications”, Applied Surface Science 612, 155858 2023.
- Book Chapter: Artificial Intelligence and Machine Learning for Clinical Research and Patient Remediation, Book: Artificial Intelligence and Machine Learning in Healthcare, ISBN: 978-981-99-6471-0, Springer Nature (2023).
- Book Chapter: Electrical and Dielectric Behaviour in Oxide Semiconductors, Book: Defects Induced Magnetism in Oxide Semiconductors, ISBN: 9780323909075, Elsevier (2023).

Invited Talks:

- Emerging Researcher Category, International Conference on Energy Materials and Rechargeable Batteries, Manav Rachna University, Faridabad, India [Dec. 19 -22, 2023].
- Invited Talk & Hand on Training Session, on Photoemission Spectroscopy, Advanced Materials and Their Applications Workshop, UPES, Dehradun, India [Aug. 22-26, 2023].

Other Academic Activities:

- Judge at Central Level Science Exhibition 2023-24, Directorate of Education - Government of Delhi, India [Jan. 10, 2024]

DR. VAIBHAV VARSHNEY**Publications:**

- “Duo satellite-based remotely sensed land surface temperature prediction by various methods of machine learning”, International Journal of Data Science and Analytics, 1-19, 2023
- “Leveraging Aqua and Terra satellite data for improved diurnal land surface temperature prediction: a comparative LSTM-based approach”, Remote Sensing Letter, 14, 733-742, 2023.

**Faculty Development/ Induction/ Training Programmes:**

- 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from 21 August – 19 September, 2023.
- Two - week Interdisciplinary Refresher Course in “Advanced Research Methodology” from 21 Nov to 05 Dec, 2023.
- One week Faculty Development Programme on “DEVELOPING MOOCS” from 25th to 31st Dec, 2023.
- Two - week refresher course in “PHYSICS” from 30th Mar to 12th Apr, 2024.
- Ten days online FDP on “Creating and inclusive learning environment” from 24th July to 3rd Aug organised by SRMIST Delhi-NCR campus.
- Faculty Induction Programme "NEP2020: Pedagogical Imperatives of Higher Education on 1st Dec 2023.

Other Academic Activities:

- Guided one dissertation of 6th semester B.Sc. (Hons) Physics student named as Sparsh Mehra and his paper is under review in a SCI indexed journal.
- Judge a undergraduate student presentation competition on “add on machine learning course” in Hindu College, University of Delhi.

DEPARTMENTAL ACTIVITIES

- In the academic session 2023-2024, the Physics Society ‘COSMOS’ organized a seminar entitled “Nobel Prize 2020 in Physics: Perspective of Quantum Black Hole(s)” on October 16th, 2023. Invited Speakers was Prof. Supriya K. Kar from the Department of Physics and Astrophysics, University of Delhi. Prof. Kar beautifully explained theoretical and experimental advances made in the physics and astronomy of black holes. Approximately 160 participants attended this event. Fresher’s welcome was also organized on the same day.
- The Physics society of the college actively participated in the Science Fair organized by the IQAC of the college on 28-29th February 2024, in which three poster presentations and seven working models were presented by the students prepared under the mentorship of the faculty of the Physics department on varied topics such as Perovskite Solar Cells, DFT studies, Electromagnetic accelerator, Model ion thruster, Piezoelectric Energy harvesting and other Energy Storage devices along with other fun activities based on various scientific principles. The students also participated in Reel making competition, Quiz and India’s Pride activity in the event. Students were also benefitted in the event with various career options to sustain livelihood after pursuing science degree.
- The Physics Society of the Department of Physics also organized a seminar and Hands-on-Demonstration based on semiconductor devices and their futuristic applications, surrounding India's Techade-Chips initiative on Wednesday, the 13th of March 2024.

The Live-webcast of our honorable Prime Minister with enlightening shower of his wisdom was a spotlight event in the program. The prime minister's webcast was immediately followed by technical session on the subject by Dr Dhananjay V Gadre, Netaji Subhash University of Technology, New Delhi. His talk on semiconductors, for achieving the Sustainable Development Goals for global technological leadership of our great country along with Juxtaposed demonstrations of his indigenous laboratory creations was an eye opener towards the end of the much-celebrated event. The event marked huge success with more than hundred participants attending the event.

- Further, The Physics Society organized a two-day academic event comprising of a seminar on "Application of Plasma Physics in the Biomedical and Energy Sector" by Dr. Marshal Dhayal, Associate Professor, IIT Delhi followed by an intra- college Power Point Presentation competition on various Physics topics on 30th April and a farewell program for the outgoing students to bid adieu on the next day i.e. on 1st May, 2024. Approximately 150 participants attended this event.



**DEPARTMENT OF PUNJABI****PROF. RAVINDER SINGH****Paper presented at Conferences:**

- “Indic Dharma Perspective of Literary Practices” and chaired a session in an International Seminar on ‘Indic and South East Asian Perspectives in Conceptualising World Literature’ on 17-18 November 2023 organized by the School of Languages and Literature/Humanities, Nalanda University, Rajgir, Bihar.
- “Role of Technology and Translation in Linking Indian Languages” in a three days National Conference on “भारतीय भाषाओं के अंतरसंबंध” from 6-8 Oct, 2023 organized by IIAS, Shimla.
- Presented a Paper in 9th World Punjabi Conference-2023, 23-25 June 2023 organized by PUBPA, held at Brampton, Canada
- “Sarbat da Bhala: Bharti ate Pacchami Jeevan-Drishti da Sandarbh” in 8th World Punjabi Conference-2023 ‘World Peace and Humanity’ June 16, 17 & 18, 2023 held at Snelgrove Community Centre, Brampton, Canada.
- ‘Geo-Cultural Perspective of Sapta-Sindhu from the Rigveda's Nadi-Stuti hymn’ as a panelist and chaired a session in ICSSR- Northern Regional Centre Sponsored Two Days National Seminar on “Geography of Poly vocality: The (Un) heard voices in Sustainability” 8 and 9 Apr 2023, organized by Department of Geography, Dyal Singh College.
- "Sapt-Sindhava: An Ancient Location of Indian Intellectual Practices" at a workshop ‘भारतीय स्वतंत्रता संग्राम में सप्त सिंधु के साहित्यकारों का योगदान’, Central University of Punjab on 27-28 Mar 2023.
- ‘Diaspora: Creative and Critical Discourse’ in a one-day seminar organized by the Department of Guru Nanak Sikh Studies, Panjab University, Chandigarh on 21st March 2023.

Invited Talks:

- Valedictory address in an International Seminar on ‘India and Canada: Diversity, Democracy and Multiculturalism’ organized by Centre for Canadian Studies, Himachal Pradesh University, Shimla on March 24, 2023.
- Lecture on “Brahmanda Chetna ka Advaita Prasang: Vedanta aur Adhunik Vigyana” at Sapta-Sindhu Literature Festival-24, on 29th Feb 2024, Punjab University, Chandigarh.
- Lecture on ‘भारतीय ज्ञान परंपरा का सभ्यागत संदर्भ’ as a resource person in 2nd Malaviya Mission Teacher Training Program [NEP-Orientation and Sensitisation] 04-12 Jan 2024 on Indian Knowledge System, at UGC-MMTTC, Deen Dayal Upadhyaya Gorakhpur University.



- Lecture on 'Understanding Indian Literary Traditions' as a resource person in a UGC-MMTTC, Refresher course on 5 Dec 2023 organized by Guru Nanak Dev University, Amritsar.
- Chaired a session in a National seminar on the topic "भारत विभाजन की त्रासदी और भारतीय भाषाओं का साहित्य (सन 1947 से 2000 के बीच प्रकाशित साहित्य के विशेष संदर्भ में)" on 28-29 Nov 2023 organised by IAS, Shimla.
- Chaired a session in an International Conference on "In the cause of literature and science: Learned Societies of Modern India" on 3-5 Nov 2023 organized by IAS, Shimla.
- Valedictory address in an ICSSR Sponsored National Seminar on the topic 'Diaspora, Transnationalism and National Migration of Indian/Punjabi Populace: Struggles and Transformations' held on Mar 18, 2023 by Department of English, PCM S.D. College for Women, Jalandhar.

Other Academic Responsibilities/Activities:

- Completed Fellowship of Indian Institute of Advanced Study, Shimla on the project- "Relocating Punjabi literary traditions in its Geo-cultural and civilisational context."
- Edited a book- The Topography of Bhakti: Social Reform Watersheds in Indian Intellectual History, Published by IAS, Shimla, 2023 ISBN 978-93-82396-94-9.
- Organized a National Seminar 'rethinking history of Punjab: Indian civilisational context' at IAS Shimla on 5-7 Mar, 2024.

DR. KAMAL JIT SINGH

Publications:

- 'Vani Guru Granth Sahib Lokyanik Drishti Dwara Chintan' in UGC care listed journal 'Himanjali'.
- 'Lokdhara Shastri Dr. Sohinder Singh Vanjara Bedi' In UGC Care Listed Journal 'Sheeraza'.
- 'Gurmat Kavyadhara Me Guru Ravidas Ji Dwara Rachit Vani Ka Samajik, Sanskritik Evam Sahitak Mulyankan; in UGC care listed journal 'Jyotirved Prasthanam'.
- 'Punjab Ki Prasih Lok Kala Fulkari' in UGC care listed journal 'Stom'.
- 'Jangnama Singhan Te Firangiya: Itihasak Mahattav Ate Mulankan' in 'Shabad Boond' journal.
- 'Darshan Singh Dhir Duara Rachit Novel 'Lakiran Te Manukh' Andar Ubharde Samajik Sarokar' in 'Shabad' journal.
- 'Dharam Ate Shahadat De Mujjasame Guru Teg Bahadur Ji' in edited book 'Dharam Het Saka Jin Kiya', Published by Manpreet Prakasha, Delhi.



Paper presented at Conferences:

- 'Guru Ravidas Ji Di Bani Vich Satsang Da Mahattav' at International conference on 'Guru Ravidas Ji: Life And Ideology' organized by Dept. of Punjabi, Dyal Singh College.

Invited Talks:

- A special lecture at Nehru Rajkiya Sanskrit Mahavidhalya, Shimla on 'Sanskrit- Gurvani Evam Bhartiya Bhashao Ka Sambandh'
- A special lecture at Dept. of Library and Information Science, Central University of Haryana on 'Library and Indian Culture'.
- A special lecture at Dept. of Punjabi and Dogri, Central University of Himachal Pradesh, Dharamshala on 'Jeevan Me Matra Bhasha Ka Mahattav'.

Other Academic Responsibilities/Activities:

- Edited a book 'Dharam Het Saka Jin Kiya', Publised by Manpreet Prakashan, Delhi.
- Organized International Conference 'Guru Ravidas Ji: Life and Ideology'.
- Organized National Seminar 'Socio Cultural Perspective and Importance in Indian Literature'.

DR. RATANDEEP KAUR

- Presented a paper titled "Sikh Shahadat Parampara da Samajak Yogdan" in Three Days World Conference titled as 'Concept of Martyrdom in Sikhism held from 15 to 17 Feb 2024.

DR. HARMEET KAUR

- Presented a paper titled "Sikh Shahadat Parampara da Vichardharak Adhar" in Three Days World Conference titled as 'Concept of Martyrdom in Sikhism held from 15 to 17 Feb 2024.

PhD Guidance:

- PhD Supervisor of Ms Soun Simran Kaur, Department of Punjabi, University of Delhi Since February 2024.

DEPARTMENT OF URDU

DR. ABU ZAHIR RABBANI

Conferences/ Workshops/ Seminars/ Webinars:

- Five-day workshops of Department of Education NCERT, New Delhi for "Development of e-content in Languages Hindi, English, Urdu and Sanskrit", 6-10 Nov 2023.
- Four-day workshops for finalisation of Resourse Materials in Urdu Language under ULLAS-NaV Bharat Saaksharta Karyakram through online mode, from 26 to 29 Dec 2023.



- Five-day workshop of Department of Education, NCERT, New Delhi, as an expert for “Review and Finalization of class 3rd Textbook in Urdu” from 05 to 09 Feb -2024.

Paper Presented at Conferences/Seminars:

- Presented a research paper in two-day National Seminar on “Contribution of Urdu Literature in Independence Movement”, Organized by Sahitya Akademi New Delhi, on 5-6 October 2023.
- Delivered a Welcome Speech in two day National Conference “Naujawan Urdu Qalamkar Conference” by Sahitya Akademi, New Delhi Collaboration with Department of Urdu. Baba saheb Ambedkar Marathwara University, Aurangabad, Maharashtra, on 03-04 January 2024.

DR. MD ARSHAD

Publications:

- “Inshaiya Nigari ka Fan aur Riwayat” Quarterly Book Series entitled “Nawa-e-Urdu, Inshaiya Number” Chief Editor by Dr. Irshad Ahmed Khan Published by SMAK Publications, Maharashtra. Year- Oct to Dec 2023.
- “Ibne Kanwal ki Kahaniyon Main Dastani Asaraat” Published in Urdu Research Journal, “Refereed Journal in Urdu”, Issue No:31,33, 2023.

DEPARTMENTAL ACTIVITIES

- Organized an Orientation Program on 17-08-2023.
- Organized Freshers Welcome ‘RAABTA’ on 30-09-2023
- Urdu Society Organized Bait Baazi (A Game of Urdu Poetry) on 18th Oct. 2023
- Urdu Society organized Mazmoon Nawesi (Essay Writing Competition) on 09-11-2023
- Organized Mushairah on 25-11-2023

DEPARTMENT OF ZOOLOGY

PROF. RITA RATH

Faculty Development/ Induction/ Training Programmes:

- Two-week online training program on “NEP 2020 Orientation and Sensitization Programme” from 1st- 14th January, 2024 under Malviya Mission Teacher Training Program of UGC.
- Participated in “Leaving footprints on sands of Science” organized by the IQAC, Ramjas College, University of Delhi on 11th September, 2023.
- Participated in One day national symposium organized by science foundation committee and Star DBT Program, Deen Dayal Upadhyaya College, University of Delhi

on “Trends in Aptitude for skill Development in undergraduate research (TREASURE)” conducted under the aegis The National Academy of Sciences, India- Delhi chapter and IEEE Electron Device Society- Delhi chapter on 20th September, 2023.

Other Academic Responsibilities/Activities:

- Coordinated a one- week Faculty Development program on “Unveiling Apiculture: Exploring the art and Science of beekeeping methods and applications” which was organized by Dyal Singh College in collaboration with Miranda House, ICAR- All India Coordinated Project on Honey Bee and Pollinators, GAD-TLC, Ministry of Education, PMMMMNMTT, Govt of India and University of Delhi (Skill Enhancement Course Committee) from 10th-16th Oct, 2023.
- Reviewed and edited several manuscripts and chapters in both national and international journals and books.
- Part of the organizing team of the Science fair organized by the Dyal Singh College under the aegis of IQAC of on 28th and 29th Feb, 2024. Presented various Papers/models in the science fair along with the students entitled: Bioplastic Innovations; Towards sustainable solutions. This was awarded the first prize Bee- lieving in bees – The art and Science of Beekeeping. This was awarded the consolation prize.
- Exploring the rich tapestry; a depth look into insect biodiversity in New Delhi, India.
- Participated and organized several workshops and webinars;
- Conducted special online lectures for M.Sc (Session 2023-25) Public health entomology course at ICMR- RMRCNE, Dibrugarh, Assam
- Organized Field trips and Institutional visits for students.

DR. SANJIV MULLIK

Publications:

- Influence of age, diurnal cycle, and plant and non-plant surfaces on oviposition by *Spodoptera litura* (Fabricius)(Lepidoptera: Noctuidae), International Journal of Tropical Insect Science, Vol 43, 2023.

Papers presented at Conferences:/Seminars

- Repellency and Insecticidal Activity of nano-emulsified formulation of *Eucalyptus citriodora* essential oil against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). 74th International Symposium on Crop Protection (ISCP), 23 May, 2023, Ghent, Belgium. (Poster Presentation).
- Nano-emulsified formulation of *Eucalyptus citriodora* essential oil: Development, Characterization and its repellent activity against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). International Conference on Advances In Chemical And Applied Sciences For Sustainable Development (ACASSD-2024), 29th-30th March 2024, Organized by JECRC University, Jaipur, Rajasthan, India. (Oral Presentation).
- Development and survival of *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae)

larvae on horticultural crops. International Conference on Advances In Chemical And Applied Sciences For Sustainable Development (ACASSD-2024), 29th-30th March 2024, Organized by JECRC University, Jaipur, Rajasthan, India. (Poster Presentation).

- *Eucalyptus citriodora* essential oil loaded PEG-based nanoformulation: Development, characterisation, and bio-efficacy against *Spodoptera litura* (Lepidoptera: Noctuidae). International Conference Offline on "Macromolecules: Synthesis, Morphology, Processing, Structure, Properties and Applications (ICM-2024), 12th-14th January 2024, organized by Mahatma Gandhi University, Kottayam Kerala, India. (Short Invited Lecture).

DR. NEETU BHATTACHARYA

Publications:

- "Mechanism and recent updates on insulin-related disorders", World Journal of Clinical Cases. 11. 5840- 5856, 2023.
- "The first malaria vaccine RTS, S: A step towards eradication of malaria", Archives of Razi Institute (2023).

Invited Talks:

- At International Conference on "Crossroads of Chemistry, Biology and Atmospheric Environment: A Modern Perspective" on 26th February 2024, organized by Department of Chemistry, University of Delhi in collaboration with Indian Science Congress Association, The Indian Society of Analytical Scientists, Indian Association of Solid-State Chemists and Allied Scientists and Society for Promotion of Science and Education.
- At National Conference on "Scientific Innovation for Human Wellbeing" on 17th March organised by The Indian Science Congress Association (ISCA), Delhi Chapter and Department of Chemistry, University of Delhi.

Other Academic Responsibilities/Activities:

- Organised International Conference on "Crossroads of Chemistry, Biology and Atmospheric Environment: A Modern Perspective" on 26th-28th February 2024, organized by Department of Chemistry, University of Delhi in collaboration with Indian Science Congress Association, The Indian Society of Analytical Scientists, Indian Association of Solid-State Chemists and Allied Scientists and Society for Promotion of Science and Education.
- Organised seminar on "International Higher Education and Scholarships in the Top Global Ranked Universities in Australia" in collaboration with KAAISER Education Expert Group on 30th January, 2024.
- Organised webinar on "Career Development" by Renowned Career Coach, TEDx Speaker from IIT-IIM, Mr. Ravish Vasani on 16th September, 2024.
- Organised webinar on "Resume Building" by Career Coach Human Resources. Ms. Niharika Khemka on 19th Aug, 2024.



- Organised Seminar on “Awareness about AIESEC and its various programs” in collaboration with AIESEC on 19th July 2023.
- Organised a seminar on “Orientation for Administrative services” in collaboration with Samkalp Foundation on 20th February 2024.
- Organised “Science Fair” on 28th-29th February 2024 on Cutting Edge Science and Technology for Sustainable Future.

Papers presented at Conferences:/Seminars

- Poster presentations in Science Fair (28-29th February, 2024) on (a) “Bioplastic Innovations: Towards Sustainable Solutions”, (b) “Developments and Uses of CRISPR-Cas: From Global Challenges to Genome Editing”, (c) “Acoustic Oceanography: Impact of Sound on Marine Animal Life”, (d) “3D printing in medicine - Building organs for HealthCare” and (e) “Nighttime light pollution’s impact on cellular and organismic health and alleviation strategies”.

DR. VATSALA TRIPATHI

Publications:

- Genetic control of avian Migration : insights from studies in Latitudinal Passerine Migrants, Genes, Vol 4, ISSN: 2073-4425, 2023.

DR. RITU RAI

Faculty Development/ Training Programmes/Workshops:

- Faculty Development Program on, “Unveiling Apiculture: Exploring the Art and Science of Beekeeping methods and application”, 10-16 October, Miranda House, Delhi University.
- A workshop on “Supporting Students’ Sensemaking through Karyotype: A Technology-Enhanced Learning environment”, IIT Bombay, 1st February.
- A workshop on “Supporting Students’ Sensemaking through Karyotype adaptation and implementation in the classroom”, IIT Bombay, 10th February.

Other Academic Responsibilities/Activities:

- Presented a poster titled “Error -prone non-homologous end-joining and hyperrecombination activity in cell-free extracts of breast carcinoma”, at International Conference on Structural Biology and Drug Discovery, 11-12 October, University School of Biotechnology, Gautam Budha University, Noida.
- Organized a lecture by DBT Senior Scientist on “Growing opportunities in Biotechnology Sector in India”, 3rd November
- Member of organizing team of Science Fair, 28-29 February.

DR. ROOPA RANI SAMAL**Publications:**

- "Beta-cyfluthrin-induced alterations in the total and differential haemocytes count in the red cotton bug, *Dysdercus koenigii* Fabricius". Journal of the Entomological Research Society. 25(1), 215-227, 2023.
- "One pot chemical co-precipitation preparation of magnetic graphene oxide-deltamethrin nanoformulations for management of *Aedes aegypti*", Journal of Natural and Applied Science. 15 (1), 194-202, 2023.
- "Laboratory evaluation of the efficacy of deltamethrin-laced attractive toxic sugar bait formulation on *Anopheles stephensi*", Malaria Journal. 22 (1), 1-11.
- *Mentha piperita* essential oil as an effective biopesticide against mosquitoes, in Book: Agricultural Research Updates. Vol 43, Nova Science Publishers, Inc pp-207-233.

Poster presentations:

- In Science Fair 2024, organized by Dyal Singh College, University of Delhi, New Delhi, India. February 28-29, 2024: (a) Acoustic Oceanography: Impact of Sound on Marine Animal Life, (b) Bee-lieving in Bees: The Art and Science of Bee Keeping, (awarded as the consolation prize), (c) Bioplastic Innovations: Towards Sustainable Solutions. (awarded as the best poster), (d) Diving into the Fish Culture, (e) Exploring the Rich Tapestry: A depth Look into Insect Biodiversity in New Delhi, India and (f) Introduction to Lac Culture and Cultivation.

Invited Talks:

- "Mosquito Vectors and Diseases" on 21 March 2024, for undergraduate students of Sri Venkateswara College, University of Delhi on visit to Insect Pest and Vector Laboratory of Department of Zoology, ANDC.
- Seminar on "What after Science Degree? Sciences and Sustainable Livelihoods?" on 28 February, Science Fair-2024, at Dyal Singh College, University of Delhi.

Other Academic Responsibilities/Activities:

- Principal Investigator for Summer Internship Project for Undergraduate students of University of Delhi in Dyal Singh College, University of Delhi; Topic: Investigation of the Efficacy of Botanical Extracts on Mosquito Larvae Population in New Delhi, India; Duration: 2 Months
- Editorial Board Member of Zoology Departmental Magazine "ARTEMIS" 2024.

DEPARTMENTAL ACTIVITIES

- The Zoological Society elected the student representative by nomination on 30th September, 2023. The inaugural lecture was delivered by Dr. Niloo Srivastava, Senior Scientific Officer, Department of Biotechnology, Government of India, on 3rd November

2023. Dr. Srivastava talked on “Growing Opportunities in Biotechnology Sector In India”, where she explained about the different funding and opportunities offered by DBT for undergraduate students, postgraduate students and research scholars. The talk was very informative and ignited interest in students towards higher studies. The talk was attended by undergraduate students, Ph. D students and teachers. The Zoological Society also organized two events for students: Design the cover page and suggest a name for the e-magazine of Zoology department and a debate on “Human Cloning: Ethical or Unethical”.

- World Wetlands Day was celebrated on 2nd February 2024. On this occasion several student interactive activities like Poster making, Reel making and Out of the box were organized on the theme of 2024 World Wetlands Day, “Wetlands and Human Wellbeing”. Forty-five students of various departments participated with great enthusiasm demonstrating their creativity and intellect.
- The annual festival “ZOOPHORIA” was organised on 25th April, 2024. The flow of events in Zoophoria were: Shayari, Bollywood Mania, Photography and Cover page design. All the events were organised and managed by the students. The fest provided a platform for the students to showcase their hidden talents. The winners of all the events were rewarded with prizes.





DR. VINOD KUMAR -LIBRARIAN

- Co-Chair a Technical Session of International Conference on Recent Trends in Academic Libraries organized by Manav Rachna International Institute of Research and Studies, Faridabad from 18th – 19th August 2023.
- Participated in the National-Level Online Training Program “Learn Koha-Basic to Advanced” held on 26-27 August 2023;
- Invited as a Resource Person to the Training Program for Librarians of DOE Schools on 4th December and 5th December 2023 at RV SKV, Sector-5, Rohini, Delhi.
- Invited as a Resource Person to the Training Program for Librarians of DOE Schools on 14th December 2023 at RPVV, Sector-5, Dwarka, Delhi-75.
- Invited as a Resource Person to the SDP program for Library Staff of SOL, University of Delhi on 13th February 2024.
- Participated in One-Day National Workshop on DrillBit Plagiarism Detection Software organized by DULS, University of Delhi on 15th February 2024.

LIBRARY

- The library has a rich collection of books on different subjects and the total collection of the library is 113002 books. The library subscribes to 45 periodicals/Magazines and 20 Newspapers.
- The library has spent Rs. 810255.00 on the purchase of books. Rs.142542.00 on subscriptions to Periodicals/Magazines/ Newspapers for the year 2023-2024.
- The number of books added in 2023-2024:
 - No. of Books : 1418
 - Gifted Books : 27
 - Total no. of Books : 1445
- E-Resources: The library has renewed its membership of the Nlist Programme for the year 2023-24 to access 6000+Journals and 1,99,500+ eBooks.
- The college library provides access to e-resources subscribed by the Delhi University Library System through the Delhi University Network System.
- User Service, Orientation, Awareness, and Book Exhibition : The library is providing ICT-based services to Visually Impaired Student/Faculty members.
- The library is providing online User IDs and passwords to students and faculty members for having access N-list database.
- The library coordinates with the Delhi University Library System and to provide remote access to DULS e-resources to faculty members.
- The library is providing plagiarism checks Services to faculty members on DrillBit Software for research publications.
- User Orientation and Awareness Program: Book Exhibition Organized on 16th October 2023 through New Age International Publishers;

- Book Exhibition Organized on “Gandhi Jayanti” through display of available Books on Mahatma Gandhi in the library from 30th November to 7th October 2023.
- Book Stall Organized by the library during “Science Fair 2024” on 28th February 2024.
- A Book Fair Organized by the library in the college on 29th February 2024.
- Infrastructure and ICT Development: The library has changed to a Barcode scanner system in the place of Physical Visitor Register System. Computer and scanner installed at the library entrance. Students enter the library by scanning their Barcoded Identity Card.
- Internship/Training program: The library has been providing internship/training program to library science students of different institutions.
- In 2023-24 the library has provided internship/training program to:
 - BLISc Course (IGNOU) :04 Students LISc Course (SOL, DU) :03 Students



ART AND CULTURE SOCIETY

Coordinator: Dr Prakash Patel

Vyom- the Art and Culture Society of Dyal Singh College, a name synonymous with cultural vibrance, takes the lead in organizing our college's annual cultural fest, "Priyadarshini". Throughout the year, Vyom actively promotes art and culture, orchestrating various programs.

SPILLED INK: The Creative Writing Society

- Spilled Ink started with Matrabhashia dedicated Hindi language event.
- Spilled Ink organised Onstage Mushaira.
- In collaboration with Roots: Indian music Society organized Kavyadhun.
- Ephemera; A dedicated English language event was conducted.
- For the first time, Angana: A Regional language event was celebrated with enthusiasm.
- Annual event, Alliteration in which various competitions for different languages were conducted successfully.



COGNITIO: The Debating Society

- The Bilingual Conventional Debate hosted 30 teams, showcasing exceptional talent and critical discussions.
- The Sardar Dyal Singh Majithia Memorial Parliamentary Debate (Hindi) attracted top teams, featuring rigorous rounds on socio-political themes adjudicated by experts.
- The शास्त्रार्थ Freshers' Parliamentary Debate saw participation from 40 teams, providing a platform for newcomers to hone their skills while enjoying warm hospitality.
- The third edition of DSC MUN saw participation of around 120+ delegates from across various universities along with a massive participation of around 42 teams in Sardar Dyal Singh Majithia Memorial Parliamentary Debate (English).

ROOTS AND RESONANCE: The Indian Classical and Western Music Society

- The society organised its annual fest "Sursaadhana" under which it invited participants from more than 15 colleges in 3 different categories. Apart from that, roots also organised "Kaavyadhun" in collaboration with Spilled Ink to provide a combined platform for traditional Indian music and poetry.
- Organised a "Thanksgiving" event during the tenure which reported massive audience inflow
- Members also brought in more than 30 achievements during the tenure ranging from inter-college to national level.
- The society was also invited by Delhi Capitals for an invited performance.

RUDRA AND ZEST: The Indian Classical and Western Dance Societies

- The tenure began with an audition and orientation session for new members which was followed by a Garba workshop conducted by Sandy Birla and other workshops.
- The society successfully organized events like Lok Rang Tarang (group folk dance competition), Nrityanjali (solo classical competition), Narthanam (semi-classical duet competition), "HOOD HUSTLE" – The Street Dance Battle and "Banging Beats" - The Western dance competition under Priyadarshini providing a platform for students to showcase their different dance styles.

ENQUIZON :The Quiz Society

- Enquizon - The Quiz Society successfully organized two Freshers' Quizzes to welcome new members and ignite their passion for quizzing.
- Our flagship event, Coeus, featured six exciting quizzes, which attracted participation from diverse students across Delhi.
- They also collaborated with several departments to enhance the quiz experience and foster inter-departmental engagement.
- The society members showcased exceptional talent, with many winning prizes in various quiz competitions.

**ASTITVA : The Theatre Society**

- Astitva introduced "AAINA" as their Mono Acting Competition on 24th February.
- On 16th March, "Natsamrat: Annual Street Play Event" was organized as part of the annual fest, Priyadarshani at Dyal Singh College.
- "Expressions" is an annual two-day stage play event where we have 8 teams who showcase their annual production.
- Won 20 awards this year with notable achievements, Astitva was chosen to participate in the IHC Collegiate Theatre Festival 2024, organized by the Indian Habitat Centre.

XPOSURE : The Film and Photography Society

- Organized an Induction Session, where new members were introduced to the society and its vision. This was followed by multiple photowalks, providing hands-on learning experiences at some of Delhi's most picturesque and culturally rich locations: Photowalk Locations: Pottery Market, CR Park, Chawri Bazaar, Yamuna Ghat, Lodhi Garden.
- Workshops Conducted: Pottery Market, CR Park, Chawri Bazaar

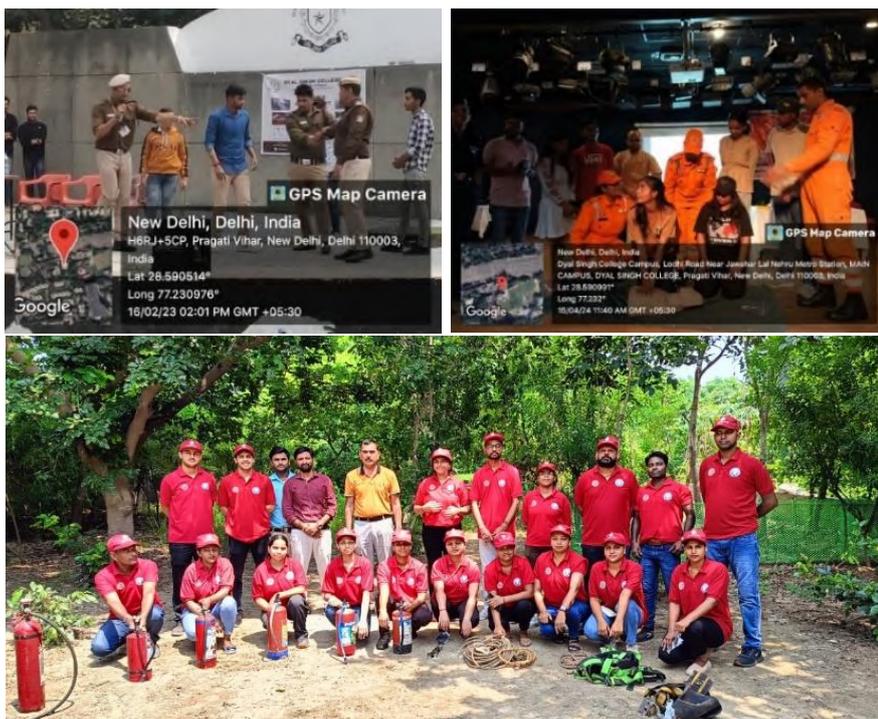
JAMINI :The Fine Arts Society

- The year began with Jamini Orientation, welcoming new members through interactive sessions. This was followed by Auditions, where passionate artists showcased their skills, leading to a talented new batch. Soon after, we embarked on a memorable trip to IIT Roorkee, competing in various art contests.
- Jamini also contributed beyond competitions, volunteering to paint the Kissaghar Library, bringing its walls to life. For the College Freshers, our team transformed the campus with vibrant décor. Our competitive spirit shone at IIT Banaras, where we participated in multiple events and secured numerous prizes.
- Organized Artistic Week, an inter-society competition celebrating artistic expression, and hosted Artism, our annual society fest. Our creativity extended to campus-wide events, designing décor for Priyadarshini (College Fest) and volunteering at the Science Fair.
- **GLAMORRATTI : The Fashion Society** : Glamorratti achieved remarkable success, winning 16 group walk inter-college competitions along with multiple solo inter-college titles.



DISASTER MANAGEMENT COMMITTEE**Convenor: Dr. Swati Thakur**

- The Disaster Management Committee under the convenorship of Dr. Swati Thakur, and members Dr. Jyoti Paul, Cpt. Dr. Keshav K. Saini, Dr. R. Abhay and 80 student members and 10 students' office bearers were actively engaged in organizing innovative activities for students, faculty and staff on disaster awareness and fostering the culture of disaster preparedness.
- **A Mock drill cum awareness exercise was conducted by Mr. Harish Singh, Delhi Disaster Management Authority (DDMA).** An Ambulance, Fire Tender and PCR Van reported on the call from the college as part of mock drill on 17th November.
- In the **Flagship Program of 'AAPDA MITRA'** under PMs 10-point agenda for DRR, our college become the first college in the University to have total **28 students** to receive 12 days in house training as AAPDA MITRA receiving disaster kit and I-Card as certification for the same.
- "One Day Workshop on Self Defense" (Only for Girl Students) was organized along with Delhi Police, Lodhi Road, and awareness about 'Himmat' App for anytime safety assistance from the police. A group of 35 girl students were trained with live demonstration and practice exercise held on 21st February..
- "3 Day inhouse training program on Disaster Response and Preparedness: Towards Building Resilient Institute" was organized for technical Staff, Lab Staff and Library staff (Group A and B) under aegis of Disaster Management Cell, University of Delhi and National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt of India. 30 University staff and faculty members across different colleges attended the program.
- Under the **structural capacity building initiative** collaboration with NDRF (National Disaster Response Force) was done to **organize One Day Training Program "First Aid and CPR Training for Life Safety"**, on 15th April, 2024. 25 members from 16th Battalion of NDRF came to give training and live demonstration and a whopping 90 participants were benefitted from the training and practice session.
- **In the second Batch of 'AAPDA MITRA' 25 more students** received 12 days in house training.



ENACTUS

Convenor: Prof. Swarita Gopal

- Winners amongst the 280+ participating projects in the Race for Better India 2023 at Enactus National Competition.
- Inaugurated Project **Sashakt** with over 10 active collaborations.
- Exemplary performance in various B-Plan competitions across the DU circuit.
- Successfully organized fundraiser, thereby raising 2 lakh+ amount for three main agendas- food, education, and dogs.
- Provided nutritious meals to over 1700+ marginal population and 80+ stray dogs.
- Initiated a Blanket Donation Drive to support 300+ homeless people across 3 locations.
- With thorough research, our product range expanded to include Rice Husk Products such as mugs, jars, etc.
- In the due course of action, we plan to empower 60+ women and the transgender community through self-defense training programs.

ENVIRONMENT CLUB

Convenor: Dr. Swati Thakur

- The Environment Club under the convenorship of Dr. Swati Thakur with 12 faculty members Dr. Dev Raj Singh, Dr. Arvind Kumar, Dr. Ram Baksh, Dr. Amit Kant Awasthi, Dr. Aniket Kumar, Dr. Arun Kumar, Dr. Rohtas Kumar, Dr. Abhay S Prasad, Dr. Anjana M Jagmohan, Dr. Sangeeta Porwal, Dr. J. Dinakaran and Dr. Meena along with 89 registered student members as a team conducted plethora of activities.



- In a joint collaboration with Ministry of Environment Forest and Climate Change a Cleanliness and pledge drive was undertaken on 3rd October “**Swacchhata hi Sewa**”.
- A delegation of seven faculty members and 20 students participated in **29th WORLD OZONE DAY** on 16th September organized by MoEFCC, Govt. of India., the sensitizing program was on long term climatic changes and coupled human activities.
- A talk on the topic “**Control and Prevention of Air Pollution**” was organized on 1st February, by Senior Scientist, Dr. N Subrahmanyam, Ministry of Pollution Control, MoEFCC, Govt. of India.
- Collaboration with NGO Jalsmruti for free Internship for **Water Conservation Fundamentals**: A voluntary program to train students on how to collect data to assess community water conservation status, design water conservation campaign and prepare participants to potentially employed in water conservation projects of four-week duration was conducted for the college campus.
- An orientation session with 80 registered participants across the Delhi Zone was held in Dyal Singh College, University of Delhi in collaboration with WWF India for the project entitled “**Monsoon Biodiversity Monitoring at Sanjay Van**” on 5th August.
- A student team led by mentor Dr. Aniket Kumar, Member, Eco Club participated in WWF-India led program **ECHO- Building Environment Conservation Heroes**, as representative from Dyal Singh College.
- Two students Mr. Sahil Nirwal and Mr. Pranav were nominated to attend two-day advocacy workshop for youth under **UNEPs Tide Turner Plastic Challenge**, the largest youth led movement to discover solutions to the cause of plastic pollution and get introduced to advocacy, skill and strategies.
- Lecture on **Bhartiya Gyan Parampara and Environmental Conservation in India: The Sacred Groves**. To entwine ourselves with the rich heritage of Bhartiya Parampara and discover the secrets of ancient havens, where reverence for nature fosters sustainable co-existence.
- **Workshop on Road Safety**: ECO Club in collaboration with the Indian Road Safety Campaign (IRSC) under Ministry of Road Transport and Highways, Govt of India organized one day Safe Drive Workshop on 11th March.
- The annual festival of ECO Club **ILVIKA** was organized with much triumph and hey as one day event on 23rd April 2024. The morning session was engaged with students’ participation in various competitions like 'Green Flag: A Puzzle Race', 'Just a Minute', Reelistic - a photography and reel making competition to capture the beauty of nature and the essence of our event in a reel, and help us raise awareness about preserving our planet. 'Pottery Workshop', was also being organized as a part of its annual flagship event, Ilvika.



INTERNAL QUALITY ASSURANCE CELL

Director: Prof. Alka Gupta

- The IQAC has initiated the academic audit along with audit of societies and has successfully conducted the same for the second year. The IQAC has also submitted the report to All India Survey of Higher Education (AISHE) for the Academic Session 2022-23 in April 2024. The IQAC has also submitted the AQAR for the year 2022-23 in October 2024.
- The IQAC has organized and promoted activities like Seminar by Rashtriya Rajbhasha Samiti, Workshop on UGCF-2022, National Science Fair, etc.
- Rashtriya Rajbhasha Samiti of the college organized a one-day national seminar on 'Bhartiya Bhashay Evam Sahitya'. Participants came from different states, such as Rajasthan, Punjab, and other NCR states.
- The IQAC organized Science Fair-2024 on the occasion of National Science Day on 28 February 2024. The former UGC Chairman and Padma Shri Awardee Prof. V.S. Chauhan was the Chief Guest and inaugurated the Fair along with Chairman of the College, Prof. B.K. Kuthiala. The inaugural function was graced by Dr. Mukul Das, Director, Shriram Institute for Industrial Research, Prof. Balram Pani, Dean College, University of Delhi, Dr. I.S. Bakshi, Former Principal, DSC and Prof. V.K. Paliwal, Principal, Dyal Singh College. The Fair also organised inter-college competition related to Science Quiz, Reel-Making, and many other activities. This science fair exhibited botany, chemistry, computer science, mathematics, physics, zoology, a research plaza, sustainability forum, a bookstall, an ICMR stall, and a food stall. The event saw a wide participation of the students and teachers of various colleges and universities.

- The IQAC also established the committees like Research and Development Committee, Adopt a Village Committee. IQAC has also initiated to fill the data on the UTSAH (Undertaking Transformative Strategies and Actions in Higher Education) Portal launched by the UGC.
- The IQAC also facilitated in the promotions of large number of faculty members.



NSS

Convenor: Dr. Jyoti Paul

- The National Service Scheme (NSS) unit of the college has been actively involved in various community service activities, aiming to instil a sense of social responsibility among students. Throughout the academic year 20223-24, the unit organized numerous programs focused on social welfare, environmental sustainability, and public awareness.
- The unit also conducted awareness sessions on crucial topics like gender equality, drug abuse prevention, digital literacy, and road safety. Collaborating with NGOs and government bodies, the NSS team extended support to the underprivileged through food distribution drives and disaster relief programs.
- These initiatives not only benefited the community but also helped students develop leadership, teamwork, and problem-solving skills.
- By engaging in selfless service, volunteers experienced personal growth and strengthened their commitment to nation-building.
- The NSS unit continues to inspire students to work for the betterment of society, making a lasting impact through dedicated service and active participation.



NATIONAL CADET CORPS (NCC) -BOYS

Convenor: Capt. (Dr) Keshav Kumar Saini

- As part of the Swachh Bharat Abhiyan, we successfully participated in two cleanliness drives within our college campus. These drives were organized to promote hygiene, environmental awareness, and the importance of maintaining a clean and green surrounding. Cadets took the lead in sweeping, garbage collection, and waste disposal, inspiring fellow students to contribute towards a cleaner environment.
- To emphasize the significance of afforestation and environmental conservation, our company participated in a plantation drive. Under this initiative, cadets planted saplings in and around the campus, ensuring proper maintenance and care of the newly planted trees. This activity not only helped enhance the green cover but also instilled the habit of environmental stewardship among cadets.
- On the occasion of Independence Day and Republic Day, our company participated in the flag hoisting ceremonies, paying homage to our national heroes and celebrating the spirit of freedom and democracy. Cadets were actively involved in the arrangements, parade, and delivering speeches highlighting the sacrifices made by our armed forces and freedom fighters.
- Organized a rally on World Roti Day, aimed at spreading awareness about food security and reducing hunger. Cadets actively participated in the event, engaging with the community to highlight the importance of reducing food wastage and ensuring that food reaches those in need. This initiative reinforced the spirit of social service and empathy among the cadets.
- To honor and appreciate the valiant soldiers of our country, an online extempore competition was conducted on Army Day. This event provided cadets an opportunity to express their thoughts on the bravery, dedication, and selfless service of the Indian Army, enhancing their knowledge and fostering a deep sense of respect for our defence personnel.



- During the session, our company had the honor of welcoming our recommended super seniors, who have now joined esteemed military training institutions. Their visit served as a motivational interaction, where they shared their experiences, provided guidance on career opportunities, and inspired cadets to uphold the values of discipline and dedication. This session strengthened the bond between past and present cadets, creating a legacy of mentorship and encouragement.

1. COMMISSIONED OFFICERS:

- Lt. VAIBHAV BHANDARI
- Lt. MAYANK D SIROWA

2. RECOMMENDATIONS:

- Ex JUO SHIV VRAT MISHRA
- Ex JUO SURJEET SINGH
- Ex CDT MAYANK
- Ex CDT ABHIJIT

3. DG/ADG COMMENDATION:

- JUO SUJAL KUMAR (DG APPRECIATION)
- CDT ERIC (ADG COMMENDATION)

4. YOUTH EXCHANGE PROGRAM (YEP - NEPAL):

- SUO ARYAMAN MENON

5. PARA BASIC COURSE:

- CDT ERIC

6. INDIAN MILITARY ACADEMY (IMA) ATTACHMENT:

- JUO SUJAL KUMAR

7. REPUBLIC DAY CAMP (RDC):

- JUO HIMANSHU
- SGT TEJ SINGH SHISHODIA

8. ALL INDIA THAL SAINIK CAMP:

- CDT ANKIT
- LCPL SANSKAR

9. NATIONAL WAR MEMORIAL (NCC DAY):

- SGT NUKUL

RANK PANEL 2023-24

Sr. No.	RANK	NAME
1	SUO	ARYAMAN MENON
2	JUO (ADM)	SUJAL KUMAR
3	JUO (DI)	NITISH KUMAR
4	JUO (TRG)	CHAITNYA
5	CHM	LAKSHYA SHARMA
6	CQMS	NIHAL MISHRA



NATIONAL CADET CORPS (NCC) –GIRLS

Convenor: Lieutenant (Dr.) Ruchi Gupta

- The National Cadet Corps, Army Wing (SW) plays a significant role in character-building as it instills discipline by providing a structured environment where cadets learn to follow orders, adhere to timelines, and maintain a sense of responsibility. Overall, the NCC cultivates qualities such as leadership, discipline, resilience, and a commitment to community, contributing significantly to the character development of the cadets through various camps and activities throughout the year.
- In the following camps cadets do hard work for getting selection in amid high competition. REPUBLIC DAY CAMP (RDC), NATIONAL WAR MEMORIAL (NWM), PRIME MINISTER'S RALLY (PMR), SPECIAL NATIONAL INTEGRATION CAMP (SNIC), CHIEF MINISTER'S RALLY (CMR), ARMY ATTACHMENT CAMP (AAC), ADVANCED LEADERSHIP CAMP (ALC), EK BHARAT SHRESHTHA BHARAT CAMP (EBSB), MILITARY HOSPITAL ATTACHMENT CAMP, SCUBA DIVING CAMP,

SERVING IN THE ARMED FORCES

RANK & NAME	TRAINING	REGIMENT
Lt. CH. ENONI	OTA CHENNAI	ARTILLERY
Lt. MINERVA JAISHY	OTA CHENNAI	ARTILLERY

SSCD ACTIVITIES

- Yoga session was conducted by the cadets on the occasion of **International Yoga Day** on 21st June, unlocking the inner strength of the cadets, igniting their spirits by the power of yoga.
- **Van Mahotsav'23** was organized on 04th July
- Planting seeds and saplings on the occasion of **World Environment Day**
- On 3rd June, Senior Wing cadets pedalled through the city streets to spread awareness on cycling being healthy, green and economical. With full josh, the cadets engaged in different activities.
- A face painting and poster making event was organized for the cadets to create awareness about the benefits of Millets.
- The SW cadets of DSC NCC solemnized the G20 summit with steadfastness by executing awareness activities like: Poster making, Summit briefing, Visiting the streets of central Delhi and interacting with local people, etc.
- On 5th September, the cadets fruitfully celebrated the teachers day by reaching the children, women and civilians needy to education and awareness in Tughlaqabad slum area under the motto "Each one, Reach one, Teach one." Notebooks and Pencils were distributed amongst the children.
- The cadets visited various tourist sites in Delhi such as Qutub Minar, Lodhi Garden, Humayun's Tomb, etc. where they organized cleanliness drives to create awareness about

the importance of keeping our heritage sites clean. They also interacted with the tourists while informing them about the sites.

- On 23rd October, The SW Cadets visited the Khadi Museum to acknowledge the "**Khadi Mahotsav**" campaign. They also made a short video about the same to create awareness about khadi among the youth.
- The **Swachhta Pakhwada** was launched with a theme of commitment towards cleanliness, devoting hundred hours per year for cleanliness. The cadets organized activities such as Poster Making, Street cleanliness, College Campus Cleanliness, Awareness Drive amongst locals..



NATIONAL CADET CORPS (NCC) –NAVAL WING

Convenor: Sub Lieutenant (Dr.) Himanshu Sharma

- Six cadets participated (26-06-2023 to 3-07-2023) in **Scuba Diving**, at Varunika, Chanakyapuri, New Delhi. CC Shyam Sunder, CC Sandhya Raghav, Cdt Jhanvi Vaid, Cdt Shiva Tanwar, Cdt Palak, Cdt Anu.
- The **Chief Minister's Rally** was held on 15th August in Chhatrasal Stadium. Cadet Vijendra Gurjar and Cdt Palak were selected to take part in parade.
- '**Ek Bharat Shreshtha Bharat Camps**' are organized as part of the Indian government's initiative to promote cultural exchange and integration between states and UTs. Cadet Vishwas embraced the spirit of Unity & Discipline and participated in EBSB- 2023 held in DRDO, Chandigarh from 09- 13-05-23.
- **EBSB** camps play a vital role in promoting cultural pluralism, social cohesion, and national unity among the youth of India. Cadet Jhanvi Vaid and Cadet Sanjana Kumari participated and successfully completed. the camp held in Rohini Bhawan, Delhi from 1- 12 October.
- **All India Nau Sainik Camp AINSC-23** took place in INS Shivaji, Lonavala, Mumbai from 14 to 25 October. Cadet Vijendra Gurjar differentially became the part of Delhi Directorate Troop.
- **SNIC: Special National Integration Camp** was held from 7-10-2023 to 02-11-2023 at Kvadiya, Gujarat. The Camp was held in concurrence with National Unity Day. Cadet Captain



Shyam Sundar participated and got a chance to have an opportunity to know the rich culture of India through dance, languages, customs, food etc.

- Vijendra Gurjar successfully completed the advanced leadership camp held at Agra, from 19- 30 November.
- The NCC Directorate Annually organizes AITC. This time the camp was held at Patratu, Jharkhand from 1- 8 December. LC Aparimey Sharma participated and completed three tracks during the camp, 'Kadruo-Trek, Patratu Dam Trek And Bharkhunda Trek.
- Cadet Md. Azharuddin participated and Completed All India Sea Training Camp, 2023 held in Mumbai, 11 - 22 December. He was given the exposure about life on-board warships.
- LC Aparimey, Cdt Aman Yadav, Cdt Anjali Rawat and Cdt Kartik Sharma brought laurels by marking their presence in CMR-2024 held on 25th January.
- Cadet Captain Sandhya Raghav has been awarded with The NCC ADG Recommendation Award. This Award has been given to the cadets of high morals, undaunted confidence, true leadership quality, passion for tri services, devotion, determination and unfathomable dedication for the country.
- Cadet Captain Shyam Sunder was selected to participate in the prestigious PM Rally held at Cariappa Parade Ground, Delhi Cantt on January 27, 2024.
- NCC cadets -Naval Wing visited **The National Archives Of India** on 5th April, to view the ongoing exhibition on 'Women and Nation Building: 1857 to the Republic'. The cadets also interacted with Dr. Sanjay Garg, Deputy Director of Archives on various aspects of functioning and unique collections of NAI, especially in the context of the curation of the archival exhibition.
- On 11th April, Workshop on **Women Empowerment and Self Defence** was organised for the girl students at Dyal Singh College by DNW in the collaboration with NSS, Women Advisory & Women Development Cell under the AEGIS of IQAC.
- **World Book Day** is a celebration to promote the enjoyment of books and reading. It was celebrated on 23 April, online and all the cadets of Naval Wing took active participation in it.
- NCC Naval Wing celebrated the **Environment Day** with fun and frolic. The various events like: Poster Making, Awareness Rally, Cleanliness Drives etc were organized to sensitized all and sundry.
- Grand celebrations were organised on 77th year of India's Independence. The cadets of the college displayed their matchless unity and discipline throughout the programme and earned special appreciation from all the guests, teaching and non- teaching staff.
- **Cleanliness Drive** was organised from 30th September to 2nd October, under 'Swachh Bharat Abhiyaan'. The cadets extended their earnest bit to the society in terms of 'Shramdaan' by cleaning the college campus spaces like Open Amphitheatre, College Play-ground, Auditorium and NCC Drill-Ground.
- **"Raktdaan ka Amrit Mahotsav"**, is a unique initiative by the Govt. of India. A Blood Donation Camp in collaboration with Lions Club International was organised on 11th October, under the Slogan of Donate Blood, save lives.

- ‘Distinguished Speakers Series’, a maiden effort and is the brain child of our principal. The NCC Naval Wing of the College, called two speakers Shazia Ilmi (National Spokesperson, BJP) and Arpita Dutta (Chairperson NETRI –Foundation for UPSC Aspirants); both marked their presence on the campus of the college amongst the cadets & the students to encourage them how to enter and succeed in Politics.
- **Indian Navy Day** was celebrated on December 4th to commemorate the achievements and contributions of the Indian Navy in safeguarding the nation's maritime interests.
- A one day **Self-Defence Workshop** was organized on 21st February in collaboration with the Disaster Management Committee of the college and Delhi Police.
- On the occasion of National Science Day, 28th -29th February, the NCC Naval Wing and Lions Club International jointly organized **Free Medical Health Camp** in the college during the National Science Fair – 2024.

RANK PANEL 2023-24		
Sl. No.	RANK	OFFICER
1	Cadet Captain (CC's) SD	SHYAMSUNDER
2	Cadet Captain (CC's) SW	SANDHYA
3	Petty Officer Cadet (POC's) SD	YASHRAJ
4	Petty Officer Cadet (POC's) SW	JYOTI
5	Leading Cadet (LC) SD	AZHARUDDIN
6	Leading Cadet (LC) SW	JANVI
7	Drill Incharge SD	SHIVA
8	Drill Incharge SW	SWATI
9	Cultural In-charge	SATPAL
10	Social Media, Tech & Publicity In-charge	KRISHNAMONI





NORTH EAST STUDENT'S SOCIETY

Convenor: Prof. Navneet Manav

- The North East Student's Society of Dyal Singh College (NESSDSC) has been actively engaged in promoting the cultural heritage and unity of the North Eastern states of India among the student community.
- The society organized several events throughout the year, which included a Freshers' Meet, a Potluck, and a Farewell ceremony. The Freshers' Meet was a welcome event for new students from the North Eastern states, providing them with an opportunity to interact with their seniors and get familiar with the college environment. The Potluck was a picnic where members shared traditional dishes from their respective states, promoting the rich culinary diversity of the North Eastern states.
- One of the highlights of the year was the society's participation in Priyadarshini, the annual cultural fest of college. The society performed two impressive dances - a fusion dance and the traditional Naga War Dance. The fusion dance showcased the traditional dances of the North Eastern states, while the Naga War Dance was a unique and captivating performance that highlighted the rich cultural heritage of the Naga people.
- The society also organized a poster making competition and an on-spot photography competition as part of Priyadarshini, which saw enthusiastic participation from students.
- The women's team won the tug-of-war competition in the NSUI Tournament, securing the 1st position. In the NESSDU Annual Sports, the women's team won the tug-of-war competition, securing the 2nd position, and the women's basketball team won the competition, securing the 1st position. The society also participated in the Highlander's Cup hosted by NEC, KMC.
- The society played host to the 1st and 3rd General Body Meeting (GBM) of NESSDU, which saw participation from student representatives from various colleges across Delhi University.
- Members of the society participated in a ramp walk organized by the North East Society of Sri Venkateswara College as part of their cultural fest 'Oneness'.
- Society has been successful in promoting the cultural heritage and unity of the North Eastern states of India among the student community of Dyal Singh College. Through various activities and events, the society has provided a platform for students to showcase their talents, promote their culture, and develop a sense of community and belonging.



PLACEMENT CELL

Convenor: Dr. Neetu Bhattacharya

- The Placement Cell is dedicated to providing tailored opportunities for each student, aiming to facilitate their professional growth and success. The team believes in aligning students with reputable organizations that can foster their development to the fullest potential. Throughout the year, the placement cell actively seeks and onboard opportunities from various sectors, evaluating them based on credibility, work culture, offerings and job roles.
- In this academic year, 200 final year students have been offered placement opportunities from esteemed companies such as EY GDS, Accenture, Genpact Enterprise Risk Consulting, Chegg, NTT Data, Grant Thornton, and many others. These opportunities span across diverse fields including finance, operations, actuarial sciences, sales and marketing, with companies like KPMG, D.E. Shaw Group, Zomato, JLL, Willis Towers Watson, L&T Construction and DeltaX contributing significantly. Dhanguard and AX Property are one of the few companies who have trusted the cell with their hiring requirements in abroad as well. The highest package offered stood at 23.5 LPA, while the median salary reached INR 5 LPA.
- In addition to placements, the team prioritize the learning curve of the students by actively circulating internship opportunities. This year, The Placement Cell shared over 335+ Internship openings from companies like Louis Vuitton, Snap Deal, Ferns n Petals, Paisa Bazaar Edwise International, and No Broker among others. At total of 270+ students were

selected, with the highest stipend offered at INR 40,000 per month for a duration of 6 months.

- Articleship is a crucial phase in the journey of becoming a Chartered Accountant. During this session, The Placement Cell played a pivotal role in helping students secure Articleship at companies like DSRV and Co and ASA & Associates.
- Furthermore, The Placement Cell actively organised seminars with prestigious institutes such as ISB to introduce their Young Leaders Programme and Kaaiser Australian Education, featuring speakers like Mr. Kapil Chandok and Mr. Louis Cuthbert who provided valuable insights about opportunities abroad. Collaborations with organisation like Samkalp Foundation helped guide students interested in pursuing a career in Indian Civil Services.
- To enhance student's soft skills, grooming session on the topic of Resume Building was conducted by Ms. Niharika Khemka, who specializes in developing, implementing and managing job placement and work-based learning activities for students, at ITM Group of Institutions. Additionally, a webinar in collaboration with Mr. Ravish Vasan, a renowned Career Coach, was organised to assist students in assessing their skills, identifying talents, targeting suitable jobs, and building viable career plans. Alongside The Placement cell also helped the students in preparing for group discussions, interviews and catering to each query round the clock.



SPORTS

Coordinator: Mr Sandeep Mehta

Annual sports meet 2024 was conducted on 4th April . Opening ceremony of the Meet was inaugurated by the Principal Prof. Vinod K Paliwal. Teachers, non-teaching staff and students participated in large numbers. Races, jumps and fun games organized for students, teachers and non- teaching staff. Medals, certificates and prizes were distributed by the principal to the winners. The principal appreciated the Sports Department and Sports Committee for their sincere efforts for the conduct of annual sports day and various other sports activities in the college and outside the college. Our college participated in the Inter College and various tournaments throughout the year in Football, Volleyball, Chess, Basketball, Shooting, Archery, Cricket, Kabaddi, etc. and won positions. College organized the inter college boxing championship in the college men and women category. In the men Category College won 9 Gold Medal 1 silver and 3 bronze, in Women Category College won 3 Silver Medals.

**BOXING**

- Aniket Singh won Gold Medal in Inter College Championship, participated in North East Zone Intervarsity and All India University, and he also participated in Senior Delhi State Championship.
- Sudhanshu Kushwaha won Gold Medal in Inter College Championship, participated in Intervarsity and All India University, and also participated in Senior Delhi State Championship.
- Chetan Shokeen won Silver Medal in Youth Delhi State.
- Aditya Bisht won Gold Medal in Inter College Championship, participated in North East Zone Intervarsity and won Gold Medal in Youth Delhi State Championship. Participated in Youth Nationals.
- Rohit Rana won Bronze Medal in Youth Delhi State Championship.
- Chance Tushir won Gold Medal in Inter College Championship, participated in North East Zone Intervarsity.
- Saksham Rao won Bronze Medal in Inter College Championship
- Arman Phogat won Gold Medal in Inter College Championship, participated in North East Zone Intervarsity and All India University, and also won Gold Medal in Youth Delhi State Championship, participated in Youth National Games.
- Sohit Drall won Gold Medal in Inter College Championship, participated in North East Zone Intervarsity, and also won Gold Medal in Youth Delhi State Championship. Participated in Youth Nationals.
- Jatin won Gold Medal in Inter College Championship, participated in North East Zone Intervarsity.
- Dev Aryan Sharma won Gold Medal in Inter College Championship, participated in North East Zone Intervarsity and All India University, and also participated in Senior Delhi State Championship.
- Manish Kumar won Gold Medal in inter college championship, and won Bronze Medal in Youth Delhi State Boxing Tournament, and participated in All India University.
- R Parveen Kumar won Bronze Medal in Inter College Championship, and Won Silver in Youth Delhi State tournament.
- Rahul Arya won Silver Medal in Inter College Championship.
- Abhishek Verma won Bronze Medal in Inter College Championship.
- Sakshi won Silver Medal in Inter College Championship,
- Bhumika Shishodia won Silver Medal in Inter College Championship, participated in North East Zone Intervarsity.
- Chelcy won Silver Medal in Inter College Championship.

ATHLETICS

- Lakshay singh won Silver Medal in athletics javelin throw Delhi State Championship and participated in National and Open National Tournament.

- Shrishti Rai won gold in 100m Hurdle and won Bronze Medal in Triple Jump in Delhi University Inter College Tournament.
- Gaurav Singh won Silver Medal in High Jump and won Bronze Medal in decathlon event in Delhi University Inter College Tournament.
- Mohd. Kaif won Silver Medal 110m hurdle in Delhi University Inter College Tournament
- Ishant Singh won Bronze Medal in 110m hurdles and Bronze in High Jump in Delhi University Inter College Tournament.



SUSTAINABILITY FORUM

Coordinator: Dr. Rajesh Kumar Abhay

- The Sustainability Forum continued to initiate and execute sustainable practices in the college campus related to environmental and socio-cultural dimensions of sustainability under the During the academic sessions, the forum organized 16 activities and workshops.
- Some activities were Indian Culture & Happiness 3.0, World Wetlands Day, World Pulses Day, Solar Appreciation Day, International Day of Happiness, International Day of Zero Waste, Global Recycling Day, E-Waste Awareness, Sustainability Summit, and so on.
- The team sustainability forum was also engaged in executing the Green, Environment and Energy Audit of the college for the first time. All the teams released their work report and presented it at the **Annual Sustainability Summit** on 26 April 2024.

S. No.	Name of the Activity	Sustainability Forum Team	Date
1	Indian Culture & Happiness 3.0	Team Happiness	08.11.2023
2	International Day of Clean Energy	Energy Conservation	29.01.2024
3	World Wetlands Day	Water Management & Sustainability	02.02.2024
4	World Pulses Day	Green Cover Sustainability	09.02.2024
5	E-Waste Awareness Session	Waste Management & Sustainability	16.02.2024
6	Concept and Indicators of Happiness	Team Happiness	23.02.2023
7	Plant a Flower Day	Green Cover Sustainability	01.03.2024
8	Solar Appreciation Day, 2024	Energy Conservation	08.03.2024
9	Global Recycling Day	Waste Management & Sustainability	15.03.2024

10	World Water Day	Water Management & Sustainability	22.03.2024
11	International Day of Happiness	Team Happiness	22.03.2024
12	International Day of Zero Waste	Waste Management & Sustainability	29.03.2024
13	Water Conservation & ITK	Water Management & Sustainability	05.04.2023
14	Sustainability Summit	Sustainability Forum	26.04.2024
15	International Day of Plant Health (IDPH)	Green Cover Sustainability	03.05.2024
16	International Energy Day	Energy Conservation	03.05.2024



WEB DEVELOPMENT COMMITTEE

Convenor: Dr. Rajesh Kumar Abhay

- The Web Development Committee performed the several task for the college website during the academic session 2023-24. During the academic session, the Web Development Committee of the College added/updated 50+ faculty profiles of the college teachers of various departments. Further, the Departmental Profile and Society Profiles, Non-Teaching Staff Details have also been updated by the committee for three departments during the year 2023-24. The Committee includes Dr. Rajesh Kumar Abhay as convenor alongwith eight committee members. The committee thanks to Ms. Preeti Dabas, Senior Technical Assistant (Computer) for all the support received during the year for the execution of above-mentioned tasks.

VIRANGANA: WOMEN DEVELOPMENT CELL

Convenor: Prof. Navina Mehaan

- Celebrated **Breastfeeding Week** during the first week of August with the theme “Enabling Breastfeeding at the workplace”, to spread awareness and educate people about breastfeeding.
- In light of **World Equality Day**, Team Virangana interviewed various teachers & caretakers of the college to know about their working conditions.
- Organised a two-day event on 19th- 20th October, on the occasion **Breast Cancer Awareness Month** (BCAM) Dr. Neeti Leekha Chhabra, a breast cancer survivor and the president and founder of the NGO ' Yes to Life ', taught us about the different phases of breast cancer, its symptoms and self-examination process.
- **Anti-Swear** program was conducted for effective reduction and elimination of swearing from people's vocabularies. SWAROOP: The Poster Making Competition was also held to see the artistic outlook of people on this topic.
- Organised a seminar against human trafficking on 3rd November.
- **UDAAN** Fair held between 31st January & 2nd February, for bringing everyone together in a collective endeavor to end disparities in menstrual health and hygiene.
- Organized a school visit under its Project UDAAN on January 29, at Maa Gayatri Shiksha Niketan School.
- On February 12, conducted a sanitary pad distribution drive under Project Udaan'24 at Molarband village, near Badarpur Border.
- Convened a seminar on February 23, in an effort to spread awareness concerning the zero-tolerance policy towards domestic violence.
- Various surveys were conducted to understand how homemakers feel and deal with life, general knowledge of people about PCOS and PCOD and a survey for marginalized people on international women's day.
- Organized its annual fest KAMAKHYA on 15th April 2024.



COLLEGE MAGAZINE – THE NEW STAR

Convenor: Dr. Alka Sharma

- The New Star, the annual magazine of our college, is published each year with great enthusiasm. Serving as a platform for students to showcase their creativity, critical mind-set and artistic skills, the magazine caters to it all. Submissions for the 2023-24 edition were invited from students in various languages, including English, Hindi, Urdu, Punjabi, Bengali and Sanskrit. The magazine team saw record breaking submissions in all the languages. Student teams comprise undergraduate students from different departments. The design team worked tirelessly to design the magazine in a novel way. The language editors made sure that the submissions were apt to be printed. As a student-led initiative, and through guidance from teacher coordinators, the magazine was successfully published in September 2024. The teacher editors, Dr. Moumita Sarkar, Dr. Abu Zahir Rabbani, Dr. Harmeet Kaur, Dr. Parshant, Prof. Pappu Ram Meena, Dr. Rupkumar Ari made sure that the student team coordinated well. The magazine convenor, Dr. Alka Sharma played a crucial role in ensuring the smooth publication of the annual magazine.





Annual Prize Distribution Function is the day to celebrate the academic and cocurricular talent and skills of our students and reward them. Moreover, we have started a new initiative this year where we will reward the teachers with a token of appreciation for publishing research articles in highly reputed international/national journals with high impact factor. For the organization of various activities round the year and for today's event, I wish to acknowledge from the core of my heart the hard work put in by my esteemed colleagues, non-teaching staff and students. Our gratitude to all the mali's and safai karamchari of the college who work round the year to keep the environment green and clean. Thanks are due to Dr Jyoti Paul and Dr Kalpa Mandal for anchoring today's function; to Dr. Ritu Rai and other members of Annual Report Committee for compiling the annual report; to Prof. A.K. Bhagi, Prof. Navneet Manav, Prof. Alka Gupta, Mr. Sandeep Mehta, Mr. Shish Pal, Prof. Jasleen Kaur Kalia, Dr Navina Mehan, Dr. Alka Sharma, Mr. R. K. Swashanti, Mr. Chandan, Mr. Jitender, Mr. Mohan and several other colleagues, staff and students for their hard work and commitment in organising the function. I wish to thank each and everyone of you present here for joining us on this occasion. Our sincere thanks to Prof Sushma Yadav and Sh. Jitender Rana for sparing their valuable time to be with us today. I would also like to thank our Hon'ble chairman Prof. B. K. Kuthiala ji for always being with us and supporting our every initiative and also our other governing body members who have joined us here on this special day.

On behalf of the college, I extend congratulations to our students who shall be honoured today for their achievements in Academics, Sports, Arts & Culture, NCC, NSS, Placement Cell and other activities. A total of 161 academic prizes are being awarded today. The overall pass percentage during the academic year was 85%. As we celebrate our achievements today, let us also strive for excellence in future and work together to make Dyal Singh College an even better place for learning.

Professor (Dr.) Vinod Kumar Paliwal

PRINCIPAL

RESEARCH PROJECTS

S.NO.	PROJECT TITLE	SANCTIONED AMOUNT (RS. In lakhs)	FUNDING AGENCY	PRINCIPAL INVESTIGATOR
1.	PHYSICOCHEMICAL STUDIES OF HOMOEOPATHIC DRUG FORMULATIONS BY USING VOLUMETRIC, ACOUSTIC, VISCOMETRIC, OPTICAL AND CONDUCTOMETRIC MEASUREMENTS	44.76	CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY	PROF. ANIL NAIN
2.	DEVELOPMENT OF BIODEGRADABLE NANOGELS FOR TARGETED ANTICANCER THERAPY AND PRECLINICAL EVALUATION	37.43	CONCOR INDIA LTD	PROF. ARUNA CHHIKARA
3.	DEVELOPMENT OF NANO-EMULSIFIED ESSENTIAL OIL AND PLANT METABOLITES BASED FORMULATIONS AND THEIR BIO- EFFICACY AGAINST SPODOPTERA FRUGIPERDA (LEPIDOPTERA: NOCTUIDAE).	24.43	COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH	PROF. ALKA GUPTA
4.	PRADHAN MANTRI KAUSHAL VIKAS	7.5	ICSSR	DR. MANOJ KUMAR
5.	EXPLORING ATMANIRBHAR BUSINESS MODELS OF TRADITIONAL MICRO AND SMALL INDUSTRIAL CLUSTERS IN INDIA: A STUDY OF SELECT CLUSTERS FROM ODISHA AND JHARKHAND	7.0	ICSSR	PROF. MINAKSHI KAR
6.	EXTRAPOLATION IN SOME LEBESGUE TYPE SPACE	6.6	SERB, DST	PROF. ARUN PAL SINGH
7.	SAAAGSI	4.0	ICSSR	DR.DEEKSHA BAJPAI
8.	MAKE IN INDIA	2.5	ICSSR	DR. SUJIT THAKUR
9.	RASTRIYA PUNARNIRMAN KE SHILPI	1.56	IGNCA	DR. RAMA SHANKAR
10.	KAUTILY'S GOVERNANCE	0.59	ICSSR-(IMPRESS	DR. SUDHIR KUMAR SINGH

LIST OF PUBLICATIONS IN SCOPUS INDEXED HIGH IMPACT FACTOR JOURNALS

Sl.No.	Name of the teacher	Department	Title	Journal	Year	Volume Number	Page Number	Impact Factor	Link to article/paper/ abstract of the article
1	Dr. Arvind Kumar	Mathematics	Generalized second order G-Wolfe type fractional symmetric program and their duality relations under generalized assumptions	International Journal of Mathematical, Engineering and Management	2023	8	142-162	1.3	https://www.ijmems.in/article_detail.php?v_id=8&issue_id=36&article_id=480



2	Dr. Abdullah A. Ansari	Mathematics	Halo orbits under some perturbations in the cr3b problem	Symmetry	2023	15	481	2.2	https://doi.org/10.3390/sym15020481
3	Dr. Abdullah A. Ansari	Mathematics	Motion properties in the GPCR3BP with their interactions under the effects of variable mass and asteroids belt	Astronomy reports	2023	67	655-666	1	https://link.springer.com/article/10.1134/S106377292306001X
4	Prof. Anita Goel	Computer Science	ReactiveFnJ: A choreographed model for Fork-Join Workflow in Serverless Computing	Journal of Cloud Computing, Springer	2023	12	pg 1-16	4.4	https://doi.org/10.1186/s13677-023-00429-3
5	Prof. Anita Goel	Computer Science	Preserving integrity in online assessment using feature engineering and machine learning	Expert Systems with Applications, Elsevier	2023	225	pg 120111	8.665	https://doi.org/10.1016/j.eswa.2023.120111
6	Dr. Sheetal Rajpal	Computer Science	XAI-MethylMarker: Explainable AI approach for biomarker discovery for breast cancer subtype classification using methylation data	Expert Systems with Applications	2023	225	120130	7.5	https://doi.org/10.1016/j.eswa.2023.120130
7	Dr. Sheetal Rajpal	Computer Science	An Explainable AI-driven Biomarker Discovery Framework for Non-Small Cell Lung Cancer Classification	Computers in Biology and Medicine	2023	153	106544	7	https://doi.org/10.1016/j.cmpbiomed.2023.106544
8	Dr. Sheetal Rajpal	Computer Science	I-LDD: an interpretable leaf disease detector	Soft Computing	2023	28	2517-2533	3.1	https://doi.org/10.1007/s00500-023-08512-2
9	Dr. Sheetal Rajpal	Computer Science	I-FLASH: Interpretable Fake News Detector using LIME And SHAP	Wireless Personal Communications	2023	131	2841-2874	1.9	https://doi.org/10.1007/s11277-023-10582-2
10	Dr. Sheetal Rajpal	Computer Science	XAI-CNVMarker: Explainable AI-based copy number variant biomarker	Biomedical Signal Processing and Control	2023	84	104979	4.9	https://doi.org/10.1016/j.bspc.2023.104979



			discovery for breast cancer subtypes						
11	Dr. R.K. Abhay	Geography	Housing shortage in a mega city: a spatio-temporal analysis of NCT-Delhi, 2001–2011	GeoJournal	2023	88	261-278	2	https://doi.org/10.1007/s10708-022-10597-5
12	Dr. R.K. Abhay	Geography	Out-of-school girls in India: a study of socioeconomic-spatial disparities.	GeoJournal	2023	88	341-357	2	https://doi.org/10.1007/s10708-022-10579-7
13	Dr. Nellie Laisram	Botany	Antagonistic activity of <i>Pseudomonas fluorescens</i> strain X1 against different Fusaria and its in vivo analysis against <i>Fusarium udum</i> infected Pigeon pea.	Current Microbiology	2023	80	98	2.3	https://link.springer.com/article/10.1007/s00284-023-03184-5
14	Dr. Anita Rani	Botany	Phyto-fabrication and characterization of <i>Alternanthera sessilis</i> leaf extract-mediated silver nanoparticles and evaluation of larvicidal potential.	Biomass Conversion and Biorefinery	2023	15	2329–2344	3.5	https://doi.org/10.1007/s13399-023-04948-6
15	Dr. Anita Rani	Botany	Iodine: an emerging biostimulant of growth and stress responses	Plant and Soil	2023	487	655	3.5	https://doi.org/10.1007/s11104-022-05804-8
16	Dr. Anita Rani	Botany	Repurposing of known drugs for COVID-19 using molecular docking and simulation analysis.	Bioinformatics	2023	2	149-159	1.9	DOI: 10.6026/97320630019149
17	Dr. Anita Rani	Botany	Evaluating drought tolerance in marigold cultivars across different soil moisture	Journal of Soil and Water Conservation	2023	22(4)	421-426	2.2	DOI:10.5958/2455-7145.2023.00054

18	Dr. Anita Rani	Botany	Importance of omics approaches in plant-microbe interaction for plant disease control	Physiological and Molecular Plant Pathology	2023	128	102153	2.8	https://doi.org/10.1016/j.pmpp.2023.102153
19	Dr. J. Dinakaran	Botany	Evaluation of physico-chemical and structural properties of biochar produced from pyrolysis of urban biowaste	Journal of Material Cycles and Waste Management	2023	25	2845-2860	2.7	https://link.springer.com/article/10.1007/s10163-023-01719-3
20	Dr. J. Dinakaran	Botany	Comparison of Adsorption Performance of Biochar Derived from Urban Biowaste Materials for Removal of Heavy Metals.	Environmental Management	2023	73		2.7	https://doi.org/10.1007/s00267-023-01866-1
21	Dr. Sanjiv Mullick	Zoology	Deterrent effect of Calotropis procera R. Br. on feeding, oviposition and egg hatchability of Plutella xylostella (L.) (Lepidoptera: Plutellidae)	Journal of Asia-Pacific Entomology	2023	26(2)	102081	1.1	https://doi.org/10.1016/j.aspen.2023.102081
22	Dr. Sanjiv Mullick	Zoology	Influence of age, diurnal cycle, and plant and non-plant surfaces on oviposition by Spodoptera litura (Fabricius)(Lepidoptera: Noctuidae)	International Journal of Tropical Insect Science	2023	43	1553-1561	1.1	https://doi.org/10.1007/s42690-023-01079-3
23	Dr. Vatsala Tripathi	Zoology	Genetic control of avian Migration : insights from studies in Latitudinal Passerine Migrants	Genes	2023	14	1191	2.8	https://doi.org/10.3390/gene14061191
24	Dr. Vatsala Tripathi	Zoology	Hypothalamic molecular correlates of photoperiod-induced spring migration in intact and castrated male	Molecular and Cellular Endocrinology	2023	561	111829	3.8	DOI: 10.1016/j.mce.2022.111829



			redheaded buntings.						
25	Dr. Neetu Bhattacharya	Zoology	Mechanism and recent updates on insulin-related disorders. World Journal of Clinical Cases.	World Journal of Clinical Cases	2023	11	5840-5856	1.1	-
26	Dr. Navina Mehan	Physics	<i>Effects of optic axis rotation on the sensing properties of nematic liquid crystal based surface plasmon resonance (SPR) sensor</i>	Optical Materials	2023	136	113472	3.8	https://www.sciencedirect.com/science/article/pii/S0925346723000435?via%3Dihub
27	Dr. Vaibhav Varshney	Physics	Duo satellite-based remotely sensed land surface temperature prediction by various methods of	International Journal of Data Science	2023	18	pg 1-19	2.4	https://doi.org/10.1007/s41060-023-00459-9
28	Dr. Vaibhav Varshney	Physics	Leveraging Aqua and Terra satellite data for improved diurnal land surface temperature prediction: a comparative LSTM-based approach	Remote Sensing Letters	2023	14	733-742	1.4	https://doi.org/10.1080/2150704X.2023.2234553
29	Dr. Ajay Mishra	Physics	Duo satellite-based remotely sensed land surface temperature prediction by various methods of	International Journal of Data Science	2023	18	pg 1-19	2.4	https://doi.org/10.1007/s41060-023-00459-9
30	Dr. Arpita Vajpayee	Physics	Design, synthesis, molecular docking and DFT studies on novel melatonin and isatin basedazole derivatives	RSC Advances	2023	13	27525	3.95	https://pubs.rsc.org/en/content/articlelanding/2023/ra/d3ra05531k
31	Prof. Aruna Chikara	Chemistry	Thiadiazole Functionalized Salicylaldehyde-Schiff Base as a pH-responsive and	Journal of Fluorescence	2023	33	25-41	2.7	https://link.springer.com/article/10.1007/s10895-022-02991-6



			chemo-reversible "Turn-Off" fluorescent probe for selective Cu(II) detection: Logic Gate Behaviour and Molecular Docking Studies						
32	Prof. Alka Gupta	Chemistry	Development and characterization of <i>Cymbopogon winterianus</i> (Jowitt) essential oil-based nano-emulsion for larvicidal and antifeedant activity against <i>Spodoptera litura</i> (Fab.) (Lepidoptera: Noctuidae).	Bio NanoScience	2023	14	3108-3123	3	https://doi.org/10.1007/s12668-024-01341-z
33	Prof. Amit Kumar	Chemistry	Design and development of an unprecedented phosphorescent bidentate iridium (III) complex exhibiting green electroluminescence	Materials Today Communications	2023	34	104973	3.8	https://doi.org/10.1016/j.mtc.2022.104973
34	Prof. Amit Kumar and Prof A K Bhagi	Chemistry	Bioinspired molecular modeling and antibacterial efficacy of silver/graphene oxide grafted chitosan nanocomposite for food packaging application	Biomass Conversion and Biorefinery	2023	14	30091-30100	3.5	https://doi.org/10.1007/s13399-023-04920-4
35	Prof. Amit Kumar	Chemistry	Sustainable Polysaccharide Hydrogels Based on Dynamic Schiff Base Linkages as Versatile Building Blocks for Fabricating Advanced Functional Materials	Journal of Polymers and the Environment	2023	31	1257-1278	5.3	https://doi.org/10.1007/s10924-022-02685-x



36	Dr. K K Saini and Prof. Amit Kumar	Chemistry	Design, synthesis, molecular docking and DFT studies on novel melatonin and isatin basedazole derivatives	RSC Advances	2023	13	27525-27534	3.9	DOI: 10.1039/D3RA05531K
37	Dr. K K Saini	Chemistry	Design, Synthesis, In Silico Screening, and Antiproliferative Activity of Novel 1, 2, 3-Triazole Tethered Dibenzosuberone Conjugates	Biotechnology and Bioprocess Engineering Springer	2023	28	761-773	2.5	https://doi.org/10.1007/s12257-023-0077-5
38	Dr. K K Saini	Chemistry	An overview of recent advances in Hantzsch's multicomponent synthesis of 1,4-dihydropyridines: A class of prominent calcium channel blockers	Current Organic Chemistry Bentham Science	2023	27	119-129	1.7	10.2174/1385272827666230403112419

TEACHING STAFF COMPLETING 25 YEARS

S. NO.	NAME	DESIGNATION	DATE OF APPOINTMENT	SERVICE (YEARS)
1.	DR. RAJ KUMAR	ASSOCIATE PROFESSOR	18-08-1998	25
2.	SH. SANDEEP MEHTA	ASSOCIATE PROFESSOR	16-07-1999	25

NON-TEACHING STAFF COMPLETING 25 YEARS

S.NO.	NAME	DESIGNATION	DATE OF APPOINTMENT	SERVICE (YEARS)
1.	SMT. SUNITA WADHAWAN	SR. ASSISTANT	03.06.1999	25
2.	SHRI RAM AASHRE	MALI	02.08.1999	25
3.	SHRI RAM SUMER	MALI	01.03.2000	25

RETIRED TEACHERS

S.NO.	NAME	DESIGNATION	DEPARTMENT	DATE OF RETIREMENT
1.	DR. VINITHA MATHUR	ASSOCIATE PROFESSOR	GEOGRAPHY	31-05-2023
2.	DR. P. CHITRALEKHA	PROFESSOR	BOTANY	31-07-2023


RETIRED NON-TEACHING STAFF

S.NO.	NAME	DESIGNATION	DEPARTMENT	DATE OF RETIREMENT
1.	MR. RAJNISH KAUSHIK	SR. ASSISTANT	ACCOUNTS	28-02-2024
2.	MR. PRABHAT SINGH	LAB ASSISTANT	CHEMISTRY	30-04-2024
3.	MR. NARINDER SINGH	LAB ASSISTANT	ZOOLOGY	31-03-2024
4.	MS. RENU SAXENA	SENIOR TECHNICAL ASSISTANT	COMPUTER	30-04-2024
5.	Y.K. SHARMA	LAB ASSISTANT	PHYSICS	31-01-2024

NEW APPOINTMENTS-TEACHING (ASSISTANT PROFESSOR)

S.NO.	NAME
POLITICAL SCIENCE	
1	BILAS RANJAN DAS
2	PRAMOD KUMAR
3	DEEPIKA RATHORE
4	AMRIT PAL KAUR
BOTANY	
1	NELLIE LAISRAM
2	RUCHI JAIN RAINA
3	DINESH KUMAR
4	DINAKARAN J
5	RASHMI PANWAR
COMMERCE	
1	NARENDRA SINGH NEGI
2	ASHIMA GOEL
3	DIVYA KHATTER
4	DIYA SHARMA
5	SHIVANI DABAS
6	PRIYANKA SHUKLA
7	AMARJEET KAUR
8	SARTHAK GUPTA
9	JITENDRA CHAWLA
10	RITIKA TANWAR
11	ARUN KUMAR
12	NISHA
13	MEENA RANI
14	NEHA SANGWAN
15	SHWETA VATS
16	RITIKA
17	NEHA SAGAR
18	ANIL KUMAR
19	CHITRA KOLI
20	NEHA TOPPO
21	TUSHER KANTI DEBBARMA
22	VINNY ARORA
23	ANSHIKA SIGH

**PHYSICS**

1	ARPITA VAJPAYEE
2	RAJNI JAIN
3	SEEMA TRAMA
4	AJAY MISHRA
5	VARUN MALIK
6	NEHA GUPTA
7	KAMAL KUMAR VERMA
8	MOHAMMAD INAM
9	ROHIT KUMAR GUPTA
10	ARUN SINGH PATEL
11	ROHTASH KUMAR
12	ARVIND KUMAR
13	MONU MISHRA
14	VAIBHAV VARSHNEY
15	URVASHI ARYA
16	GEETANJALI
17	SANJU MEENA
18	MEETHA LAL MEENA

GEOGRAPHY

1	POOJA CHOWDHARY MEHTANI
2	ABHAY SHANKAR PRASAD
3	DEEPAK BAGRI
4	RISHABH SINGH

ECONOMICS

1	NEETU KHULLAR
2	TARUNA RAJORA
3	BHAVNA SETH
4	SELVARAJ N
5	RAKESH KUMAR
6	SANGEETA MEENA
7	SHRUTI SINGH
8	SANDEEP KUMAR DUBEY
9	MADHURI SINGH
10	MADHURENDRA SINGH
11	ANIL KUMAR

HISTORY

1	MAHASHRADDHA YADAV
2	DINESH PRASAD
3	NIDHI GAUR

HINDI

1	SANGEETA
---	----------

PHILOSOPHY

1	PRAKHAR KUMAR
2	MAHDEEP KUMAR BHARTI
3	P SAMZEILA SENECA


RESEARCH PUBLICATIONS IN HIGH IMPACT FACTOR JOURNAL (2023)

S. NO.	FACULTY NAME	DEPARTMENT	NO. OF PUBLICATIONS
BOTANY			
1.	DR. ANITA RANI		05
2.	DR. NELLIE LAISRAM		01
3.	DR. J. DINAKARAN		02
CHEMISTRY			
1.	PROF. A.K. BHAGI		01
2.	PROF. ARUNA CHIKARA		01
3.	PROF. ALKA GUPTA		01
4.	PROF. AMIT KUMAR		04
5.	DR. K K SAINI		03
COMPUTER SCIENCE			
1.	PROF. ANITA GOEL		02
2.	DR. SHEETAL RAJPAL		05
GEOGRAPHY			
1.	DR. R K ABHAY		02
MATHEMATICS			
2.	DR. ARVIND KUMAR		01
3.	DR. ABDULLAH A ANSARI		02
PHYSICS			
1.	PROF. NAVINA MEHAN		01
2.	DR. VAIBHAV VARSHNEY		02
3.	DR. AJAY MISHRA		01
4.	DR. ARPITA VAJPAYEE		01
ZOOLOGY			
1.	DR. SANJIV MULLICK		02
2.	DR. NEETU BHATTACHARYA		01
3.	DR. VATSALA TRIPATHI		02

INTERNAL QUALITY ASSURANCE CELL (IQAC)

NAME	POST
IQAC MEMBERS	
PROF. V.K.PALIWAL	CHAIRMAN
PROF. ALKA GUPTA	DIRECTOR
PROF. HEMA BANATI	MEMBER
PROF. JASLEEN KAUR KALIA	MEMBER
DR. NISHANT KUMAR	MEMBER
MR. SHISH PAL	MEMBER
DR. NEETU BHATTACHARYA	MEMBER



DR. VINOD KUMAR, LIBRARIAN	MEMBER
DR. JYOTI PAUL	MEMBER
DR. RAJESH KUMAR ABHAY	MEMBER
MR. KESHAV KUMAR SAINI	MEMBER
MR. RAMESH KUMAR SWASHANTI, A.O.	MEMBER

EXTERNAL MEMBERS

DR. MUKUL DAS	INDUSTRIAL EXPERT
MS. MEENA PATIYAL	SOCIETY REPRESENTATIVE
SHRI. NASEEB SINGH	ALUMNI REPRESENTATIVE

NON-TEACHING STAFF

MRS. PREETI DABAS	TECHNICAL ASSISTANT
MR. IQBAL SINGH	SECRETARIAL ASSISTANT

STUDENT'S COUNCIL

S.NO.	STUDENT'S NAME	COURSE	DESIGNATION
1.	REVANSH	B.COM (PROG.) I SEMESTER	PRESIDENT
2.	AMAN KUMAR	B.SC. (PROG.) COMP. SC V SEMESTER	VICE-PRESIDENT
3.	BHANU TOMAR	B.SC. (PROG.) I SEMESTER	SECRETARY
4.	AYUSH VERMA	B.A. (H) PUNJABI I SEMESTER	JOINT SECRETARY
5.	BHAVESH NAGAR	B.A. PROG I SEMESTER	CENTRAL COUNCILLOR
6.	JAI YADAV	B.COM (PROG.) I SEMESTER	CENTRAL COUNCILLOR

INTERNAL COMPLAINTS COMMITTEE

S.NO.	NAME	POST	DEPARTMENT
1.	DR. ANKITA GUPTA	PRESIDING OFFICER	COMMERCE
2.	MS. VEDHA CHOPRA	PSYCHOLOGIST	EXTERNAL MEMBER
3.	PROF. NAVNEET MANAV	TEACHER MEMBER	CHEMISTRY
4.	DR. MANOJ KUMAR	TEACHER MEMBER	POLITICAL SCIENCE
5.	MR. NARENDER SINGH PATHANIA	NON-TEACHING MEMBER	PHYSICS
6.	MS. SANGEETA BISHT	NON-TEACHING MEMBER	LIBRARY ASSISTANT
7.	SHUBHANGI SHARMA	STUDENT MEMBER	B.COM (HONS.)
8.	MANVENDRA SINGH	STUDENT MEMBER	B.SC. LIFE SCIENCE
9.	ANSH DIXIT	STUDENT MEMBER	B.SC. PHYSICAL SCIENCE



ACADEMIC AWARDS

S. NO	COURSE	YEAR	NAME	CGPA	POSITION
1.	B.COM (H)	III	SHREDHA BATRA	8.50	1
		III	SONALI CHAURASIYA	8.50	1
		III	RITIKA	8.38	2
		II	TARUN SAKLANI	8.32	1
		II	NAMAN GOYAL	8.29	2
		I	MEHAK GOYAL	8.50	1
		I	SHREYA LALIT	8.41	2
2.	B.COM (PROG)	III	AARTI	8.64	1
		III	SAKSHI SRIVASTAVA	8.27	2
		II	MAHI GOYAL	8.32	1
		II	YASHIKA CHAURASIA	8.18	2
		I	AVINASH GUPTA	8.73	1
		I	VIDHI GOEL	8.32	2
		I	AYUSHI MAHAJAN	8.32	2
3.	B.A. (H) ECONOMICS	III	AKAKNSHA	8.63	1
		III	SHUBHANGI AGARWAL	8.63	1
		III	NANCY GOEL	8.50	2
		III	YASHIKA JOHRI	8.50	2
		II	ARVITA SHUKLA	9.21	1
		II	ISHITA SHARMA	8.46	2
		I	LEHAR BANSAL	8.73	1
4.	B.A. (H) ENGLISH	I	SURBHI VASHISHTHA	8.50	2
		III	NISHTHA PATHRELLA	7.38	1
		III	SANSKRITI SHARMA	7.38	1
		III	KAPIL LAMBA	7.25	2
		III	RAZA MALIK	7.25	2
		II	MAMPI GHOSH	7.68	1
		II	ANANT RAO	7.61	2
5.	B.A.(H) GEOGRAPHY	I	SHREYA SHARMA	8.45	1
		I	PRASUN KUMAR	7.82	2
		III	VAISHNAVI CHOUDHARY	9.13	1
		III	SAPNA	8.75	2
		II	JASDEEP SINGH	9.11	1
		II	KESHAV KUMAR	9.11	1
		II	ANSHU KUMARI	9.04	2
6.	B.A. (H) HINDI	I	AQIB ALI	8.50	1
		I	SAUMYA SINGH	8.50	1
		I	KAKUL MAAN	8.36	2
		III	SIMRAN NAITHANI	8.00	1
		III	VANSHIKHA	8.00	1
		III	RUCHIKA SINGH	7.88	2
		III	VARUN SINGH	7.88	2
II	SHREYA TIWARI	8.04	1		
II	MANOJ KUMAR	7.68	2		
I	ANIMESH ANAND	8.36	1		



7.	B.A. (H) HISTORY	I	DHANANJAY SHARMA	8.05	2		
		III	ANANYA RAJYALAKSHMI JANG	7.63	1		
		III	SHRASHTI SINGH	7.50	2		
		II	AKSHAT ARYA	7.39	1		
		II	ANJALI KUMARI	7.39	1		
		II	SHRISHTI SHARMA	7.36	2		
		I	DEEPALI SAHRAWAT	8.36	1		
8.	B.A.(H) PHILOSOPHY	I	RAM SINGH	8.09	2		
		III	RAINY RANJAN	7.38	1		
		III	RITIKA CHAUHAN	7.25	2		
		II	SHEETAL VERMA	7.93	1		
		II	KHUSHI RATNAM	7.79	2		
		I	AYUSH YASH	8.14	1		
		I	MIHIKA NANDI	8.05	2		
		I	KUNAL BHALLA	8.05	2		
		9.	B.A.(H) POL. SCIENCE	III	DIVYA PANDEY	7.50	1
				III	HIMANSHI	7.50	1
III	MONIKA			7.50	1		
III	SHIVANI SINGH			7.50	1		
III	VASUDHA GUPTA			7.50	1		
III	YASHVIKA MALHAN			7.50	1		
III	RIDDHIMA VERMA			7.38	2		
III	SANJEETA CHOUDHARY			7.38	2		
III	SHEFALI AGGARWAL			7.38	2		
III	VIVEK SHARMA			7.38	2		
II	KASAK MAHESHWARI			7.79	1		
II	NANDAN ROY			7.79	1		
10.	B.A.(H) PUNJABI			II	AVNI KOTHARI	7.61	2
		I	GARIMA SINGH	8.41	1		
		I	UNNATI TIWARI	8.23	2		
		III	RIYA	8.25	1		
		III	KHUSHI SHARMA	8.00	2		
		II	AJIT SINGH	8.25	1		
		II	PEENAZ TANDON	7.64	2		
		I	RIDHI KATARIA	8.73	1		
		I	SHIVANI	8.09	2		
		11.	B.A.(H) SANSKRIT	III	RIYA SONI	8.00	1
III	AYUSH KUMAR THAKUR			7.63	2		
II	CHETNA			7.46	1		
II	YOGESH KUMAR DWIVEDI			7.11	2		
I	DIVYANSH RAGHUWANSHI			8.09	1		
I	MARVIN ARYA			7.27	2		
12.	B.A.(H) URDU	III	RAJ MUHAMMAD	8.88	1		
		III	SAZDA KHATOON	8.75	2		
		II	MUSKAN	8.64	1		
		II	MUZAFFAR KAMAL	7.93	2		
		I	GHAZALA PARVEEN	8.09	1		



13.	B.A. PROG	I	ALIZA	8.00	2
		III	HEENA KUMAR	8.55	1
		III	ANUSHKA	8.45	2
		II	GREENA RANI	8.77	1
		II	SHUBHANGI PATHAK	8.55	2
		I	HANSHIKA VERMA	8.86	1
		I	PIYUSH GARG	8.36	2
		I	L A ADITHYA	8.36	2
		I	NITIN YADAV	8.36	2
14.	B.Sc. (H) BOTANY	III	HARDIK SETHI	9.13	1
		III	SWATI SINGH	9.13	1
		III	ADITHYA M VINOD	8.63	2
		III	AKSHITA VERMA	8.63	2
		II	NIHARIKA KAUSHISH	9.14	1
		II	MITALI PANDEY	9.07	2
		I	SHAURYA RAWAT	9.05	1
		I	ABHINAV SHARMA	8.95	2
		I	ABHINAV SHARMA	8.95	2
15.	B.Sc. (H) CHEMISTRY	III	EKANSHI AGRAWAL	9.25	1
		III	SHREYA KARN	8.75	2
		II	SHUBHI SHUKLA	8.82	1
		II	ISHA BISHT	8.50	2
		I	ANISHA KANWAR	7.91	1
16.	B.Sc. (H) COM. SCIENCE	I	VARSHA SONI	7.82	2
		III	KOMAL JOLANIYA KALAL	9.13	1
		III	YOGITA	9.13	1
		III	AVNI SHARMA	9.00	2
		II	GUR RAKHA	9.57	1
		II	ANJALI ARORA	9.36	2
		II	HARSHITA MAITREY	9.36	2
		I	DIKSHANT KUMAR	8.95	1
		I	AAYUSH PRATAP SINGH	8.86	2
		I	SHISHODIA		
		I	SHISHODIA		
17.	B.Sc. (H) MATHS	III	SIDDHANT SINGH	9.38	1
		III	MRIGAKSHI TALUKDAR	9.25	2
		II	ARZOO GERA	9.18	1
		II	DIPENDRA KUMAR	9.07	2
		I	SHUBHAM TIWARI	8.00	1
		I	ANKIT KUMAR	7.95	2
		I	ANKIT KUMAR	7.95	2
18.	B.Sc. (H) PHYSICS	III	HARSH YADAV	9.00	1
		III	LAKSHYA SINGH	9.00	1
		III	PRASHANT GUPTA	8.50	2
		II	RIYA	9.11	1
		II	MANSVI	8.89	2
		I	HARSHIT MIGLANI	8.27	1
		I	MONIKA JAIN	8.00	2
		I	MONIKA JAIN	8.00	2
19.	B.Sc. (H) ZOOLOGY	III	SONALI KUMARI	9.13	1
		III	ANJALI JHA	8.88	2
		II	ADITI LAL	8.71	1



		II	AYUSHI JINDAL	8.71	1
		II	SALONI SHARMA	8.39	2
		I	SHUBHRA KHANNA	8.64	1
		I	CHHAVI KHANDELWAL	8.59	2
20.	B.Sc. (P) LIFE SCIENCE	III	DEEKSHA	9.45	1
		III	AKSHITA RAWAT	8.95	2
		II	RAVISH KUMAR	9.45	1
		II	KOMAL SHARMA	9.18	2
		I	DIVYA HINGORANI	8.45	1
		I	VILAKSHAN SHARMA	8.09	2
21.	B.Sc. PHYSICAL SCIENCE	III	HIMANSHI	8.95	1
		III	AADITYA BHARDWAJ	8.64	2
		II	ANISH KUMAR	8.91	1
		II	VINEET YADAV	8.23	2
		I	ANSH DIXIT	8.50	1
		I	SARTHAK BISHT	8.36	2
22.	B.Sc. PHYSICAL SCIENCE	III	MOHD MONIS	8.91	1
	COMPUTER SCIENCE	III	CHANDAN SINGH KAIRA	8.82	2
		II	KRISHAN KUMAR	9.18	1
		II	SHIVANSH TOMAR	8.77	2
		I	AKSHAT JAISWAL	8.50	1
		I	AMARJEET	8.41	2

SPECIAL PRIZES

1.	MR.P.C.AGARWAL MEMORIAL PRIZE			
	B.COM (PROG.)	II	2	MOHD SAAD ANSARI
	B.COM (H)	II	1	TARUN SAKLANI
2.	MRS. SUSHMA AGARWAL MEMORIAL PRIZE			
	B.COM (H)	II	2	SHREYA CHOWDHURY
	B.COM (PROG.)	II	1	MAHI GOYAL
3.	DR.USHA AGGARWAL TEJASWI/TEJASWINI SCHOLARSHIPS			
	B.COM (PROG.)	II	1	MAHI GOYAL
	B.COM (PROG.)	I	1	VIDHI GOEL
4.	SHRI SULTAN CHAND MEMORIAL SCHOLARSHIP			
	B.COM (H)	I	1	MEHAK GOYAL
5.	DR. ASHOK KUMAR MEMORIAL PRIZE			
	B.Sc. (H) PHYSICS	II	1	RIYA



	B.Sc. (H) PHYSICS	I	1	HARSHIT MIGLANI
6.	SMT PUSHPA GOEL MEMORIAL PRIZE			
	B.Sc. PH SC COM SC	II	1	KRISHAN KUMAR
7.	M.L. NANDA MEMORIAL PRIZE			
	B.Sc. (H) MATHS	II	1	ARZOO GERA
8.	SHRI RAM LABHAI NANDA MEMORIAL PRIZE			
	B.Sc. (H) MATHS	II	2	DIPENDRA KUMAR
9.	BAIJ NATH MEMORIAL PRIZE			
	B.SC. (H) MATHS	I	1	SHUBHAM TIWARI
10.	SMT. SHYAM PIYARI NANDA MEMORIAL PRIZE			
	B.SC. (H) MATHS	I	2	ANKIT KUMAR
11.	Dr. KRISHNA BIHARI MISHRA			
	B.A.(H) HINDI	II	1	SHREYA TIWARI
12.	KHWAJA M.A. HAY PRIZE			
	B.A.(PROG.)	II	1	KARISHMA RAWAT
	B.A.(PROG.)	II	1	GREENA RANI
	B.A.(PROG.)	II	1	SATYAM RAI
	B.A.(PROG.)	II	1	KOUSER JAN
13.	DR. KAILASH BERI MEMORIAL AWARD			
	B.A.(H) HISTORY	I	1	DEEPALI SAHRAWAT
	B.A.(H) HISTORY	II	1	AKSHAT ARYA
	B.A.(H) HISTORY	II	1	ANJALI KUMARI
	B.A.(H) HISTORY	III	1	ANANYA RAJYALAKSHMI JANG
	B.A.(H) HISTORY	III	1	SHRASHTI SINGH



SOCIETIES

S.NO.	NAME
1.	NSS
	KESHAV CHAUDHARY – PRESIDENT
	VARNIKA TYAGI - VICE PRESIDENT
	JUHI - TREASURER
	ASNEHA KUMARI – SECRETARY
	AYUSH YASH - JOINT SECRETARY
	NIKHIL YADAV
	SARTHAK BISHT – TECH COORDINATOR
	DIVYANSHI SINGH
	AKANKSHA SINGH - PROJECT SHAKTI HEAD
	SHANKHA MURMU - PROJECT SHAKTI COORDINATOR
	AKHIL UMRAO- CONTENT COORDINATOR HINDI
	ARNAV SINGH
	EESHITA – TECH HEAD
	GAUTAM THAKUR
	ASTHA JOHN- CONTENT HEAD
	KAVIKA TAK
	TUSHAR KUMAR
	HARSHITA
	AYUSH ANAND
PRASHASTI KANT- MEDIA HEAD	
2.	NCC (BOYS)
	COMMISSIONED OFFICERS: LT. VAIBHAV BHANDARI and LT. MAYANK D SIROWA
	RECOMMENDATIONS EX JUO SHIV VRAT MISHRA EX JUO SURJEET SINGH EX CDT MAYANK EX CDT ABHIJIT
	DG/ADG COMMENDATION: JUO SUJAL KUMAR (DG APPRECIATION) CDT ERIC (ADG COMMENDATION)
	YOUTH EXCHANGE PROGRAM (YEP - NEPAL): SUO ARYAMAN MENON
	PARA BASIC COURSE: CDT ERIC
	INDIAN MILITARY ACADEMY (IMA) ATTACHMENT: JUO SUJAL KUMAR
	REPUBLIC DAY CAMP (RDC): JUO HIMANSHU and SGT TEJ SINGH SHISHODIA
	ALL INDIA THAL SAINIK CAMP: CDT ANKIT and LCPL SANSKAR
	NATIONAL WAR MEMORIAL (NCC DAY): SGT NUKUL
	SUO ARYAMAN MENON
	JUO (ADM) SUJAL KUMAR



	JUO (DI) NITISH KUMAR
	JUO (TRG) CHAITNYA
	CHM LAKSHYA SHARMA
	CQMS NIHAL MISHRA
3.	NCC (GIRLS)
	SENIOR UNDER OFFICER: PINKY
	JUNIOR UNDER OFFICER : KASHISH
	JUNIOR UNDER OFFICER : SHIVANI SHUKLA
	SENIOR UNDER OFFICER: PINKY
	JUNIOR UNDER OFFICER : ANJALI KUMARI
	JUNIOR UNDER OFFICER : ASMI NEGI
	JUNIOR UNDER OFFICER : KHOLI ELOZIIA
	JUNIOR UNDER OFFICER: KASHISH
	JUNIOR UNDER OFFICER : SHIVANI SHUKLA
	JUNIOR UNDER OFFICER : VAISHALI CHAUDHARY
	COMPANY HAVILDAR : MAJOR ANUGYA SRIVASTAVA
4.	NCC (NAVAL WING)
	CADET CAPTAIN (CC'S) SD: SHYAMSUNDER
	CADET CAPTAIN (CC'S) SW: SANDHYA
	PETTY OFFICER CADET (POC'S) SD: YASHRAJ
	PETTY OFFICER CADET (POC'S) SW: JYOTI
	LEADING CADET (LC) SD: AZHARUDDIN
	LEADING CADET (LC) SW: JANVI
	DRILL INCHARGE SD: SHIVA
	DRILL INCHARGE SW: SWATI
	CULTURAL IN-CHARGE : SATPAL
	SOCIAL MEDIA, TECH & PUBLICITY IN-CHARGE: KRISHNAMONI
	EBSB: CDT. VISHWASH
	SDC-2023; SCUBA DIVING CAMP: CC SHYAMSUNDER , CC SANDHYA, CDT JANVI, CDT SHIVA, CDT PALAK, and CDT ANU
	CHIEF MINISTER'S RALLY – 2023: CC PALAK and CC VIJENDRA
	EBSB: POC SANJANA and LC JANVI
	AINSC 2023: CC VIJENDRA
	SNIC GUJARAT-2023: CC SHYAMSUNDER
	ADVANCE LEADERSHIP CAMP IV – 2023: CC VIJENDRA
	ALL INDIA SEA TRAINING CAMP – 2023: CDT. MD AZHARUDDIN
	ALL INDIA TREKKING CAMP: POC APARIMEY
	PRIME MINISTER'S RALLY – 2023: CC SHYAMSUNDER
	ADG COMMENDATION : CC SANDHYA RAGHAV



	CHIEF MINISTER'S RALLY – 2024: POC APARIMEY SHARMA, LC AMAN YADAV, LC ANJALI RAWAT, and CDT KARTIK SHARMA
5.	<p>ECA</p> <p>RUDRA PRESIDENT- AASHIF ALI VICE PRESIDENT - JIYA LAXMI JOINT SECRETARY- SHRUTI AMBE GENERAL SECRETARY- CHANDNI RAUTAN</p> <p>GLAMORRATTI PRESIDENT- SOMIRIN SHINGLAI VICE-PRESIDENT- KEZIAH KHALIN</p> <p>ENQUIZON- THE QUIZ SOCIETY PRESIDENT- TUSHAR KUMAR VICE PRESIDENT - ISHAN SINGH GENERAL SECRETARY - SHEETAL AGARWAL</p> <p>SPIILLED-INK PRESIDENT- RITIK RAJ VICE PRESIDENT - NIKITA SINGH GENERAL SECRETARY - PRASHANT YADAV</p> <p>ROOTS PRESIDENT- KARTIK SHARMA VICE PRESIDENT- ABHINAV SINGH GENERAL SECRETARY- KARAN SHARMA</p> <p>COGNITIO(HINDI WING) PRESIDENT-SAMEER SAIFI VICE PRESIDENT- SHRUTI RAJPOOT</p> <p>COGNITIO (ENGLISH WING) PRESIDENT - KIRTI RATHOD</p> <p>XPOSURE PRESIDENT- LAVANYA BARAIK VICE-PRESIDENT - KARTIKEY SHARMA SENIOR COORDINATOR- RUPANSHU JUNEJA</p> <p>JAMINI PRESIDENT- ROHAN KUMAR VICE-PRESIDENT - VATSAL RANA GENERAL SECRETARY- GUNJAN SAINI, RAHUL KUMAR, MEHREEN SAIF</p> <p>ASTITVA PRESIDENT- VISHESH GUPTA VICE-PRESIDENT- NAKUL KARNATAK PR HEAD- ADITYA KHANNA</p> <p>ZEST PRESIDENT-YASHRAJ MISHRA VICE-PRESIDENT-AKANKSHA KUMARI PR HEAD-MD MOEEDUDDIN</p> <p>RESONANCE PRESIDENT – SAARANSH , VICE PRESIDENT - BHUMIKA SHEKHAR GENERAL SECRETARY - ANGSHUMAN G KACHARI</p> <p>ASTITVA, ZEST AND RESONANCE</p>



6.	PLACEMENT CELL
	DEVANSH SHARMA - PRESIDENT
	POUSHALI CHAKRABORTY - VICE PRESIDENT
	TANYA SHARMA - SENIOR ADVISORY
	BHVYAJOT KAUR BOPARAI- SECRETARY
	LEHAR BANSAL - SECRETARY
	NISCHAY SAXENA - JOINT SECRETARY
	MANNAT DUDEJA - JOINT SECRETARY
	KUNAL POWDEL- BEST PLACEMENT COORDINATOR
	KRITY BAID- TOP PLACEMENT PACKAGE IN 2022-23
	SENIOR COORDINATOR: AYUSH SHARMA, TUSHAR KAUSHIK and KHUSHI NAGPA
	JUNIOR COORDINATOR: AVIRAAL BANSAL- EDITOR, KUNAL POWDEL and JIVANSHI SINGH
	TEAM MEMBER: AKANKSHA YADAV, SUKRITI JAIN, SUDITI GARG, NIKUNJ AGARWAL, TANISHA, AGARWAL, AAYUSHI SINGH, ASHMIT GUPTA, ANMOL AGGARWAL, DIVYANSH CHITKARA, NIDDHI FITKIRIWALA, PRIYANSHI GUPTA, SIYA SIKKA, HARSH KHATRI, and ARUSHI SHARMA
7.	ENACTUS
	CHHAVI CHAWLA - BUSINESS DEVELOPMENT ADVISOR PRIYANKA SHARMA - VICE PRESIDENT LAKSHAY THAKRAL - DEPARTMENTAL EXECUTIVE, PALAK NARULA - BUSINESS DEVELOPMENT EXECUTIVE, HARDIK SINGHAL - FINANCE HEAD
8.	DISASTER MANAGEMENT
	SAHIL, PRANAV KUMAR GAHADWAL, PRINCE, ANJALI RAGHAV, ANUBHAV MAMODIYA, AMISHA KUMARI, ASHISH MANI, ANKUSH, GOKUL SS, JASDEEP SINGH
9.	ECO CLUB
	NANDITA SINGH- PRESIDENT SAHIL KUMAR- VICE PRESIDENT AYUSH KUMAR GUPTA- GENERAL SECRETARY JYOTI- MARKETING HEAD, MANSI RAWAT- EVENT HEAD, KRISHNA KUMAR- CONTENT HEAD, SUMAN KUMARI- TECHNICAL HEAD, SHREYA SINGH- MARKETING ADVISORY, ASHISH CHAUDHARY-EVENT ADVISORY , ADITYA TRIPATHI- CONTENT ADVISORY , PUJA KUMARI- TECHNICAL ADVISORY , SAHIL SONI -HR HEAD, ANNAL KUMAR - HR, AISHNAVI VERMA- HR

EXAMINATION RESULTS - 2022-2023

COURSE	YEAR	PERCENTAGE
B.A.(PROG)	I	73%
B.A.(PROG)	II	86%
B.A.(PROG)	III	94%
B.A.(HONS.) HINDI	I	73%
B.A.(HONS.) HINDI	II	78%
B.A.(HONS.) HINDI	III	94%
B.A.(HONS.) HISTORY	I	84%
B.A.(HONS.) HISTORY	II	86%
B.A.(HONS.) HISTORY	III	95%
B.A.(HONS.) POLITICAL SCIENCE	I	88%



B.A.(HONS.) POLITICAL SCIENCE	II	100%
B.A.(HONS.) POLITICAL SCIENCE	III	98%
B.A.(HONS.) SANSKRIT	I	47%
B.A.(HONS.) SANSKRIT	II	49%
B.A.(HONS.) SANSKRIT	III	58%
B.A(H) ECONOMICS	I	88%
B.A(H) ECONOMICS	II	80%
B.A(H) ECONOMICS	III	96%
B.A(H) GEOGRAPHY	I	86%
B.A(H) GEOGRAPHY	II	98%
B.A(H) GEOGRAPHY	III	97%
B.A.(H) URDU	I	73%
B.A.(H) URDU	II	96%
B.A.(H) URDU	III	94%
B.A.(H) PUNJABI	I	67%
B.A.(H) PUNJABI	II	63%
B.A.(H) PUNJABI	III	65%
B.A.(H) PHILOSOPHY	I	67%
B.A.(H) PHILOSOPHY	II	82%
B.A.(H) PHILOSOPHY	III	74%
B.SC(H) MATHS	I	74%
B.SC(H) MATHS	II	78%
B.SC(H) MATHS	III	85%
B.SC LIFE SCIENCE	I	77%
B.SC LIFE SCIENCE	II	93%
B.SC LIFE SCIENCE	III	98%
BCOM PROG	I	80%
BCOM PROG	II	77%
BCOM PROG	III	96%
BCOM HONS	I	85%
BCOM HONS	II	78%
BCOM HONS	III	94%
BA (H) ENGLISH	I	81%
BA (H) ENGLISH	II	91%
BA (H) ENGLISH	III	92%
B.SC PHYSICAL SCIENCE	I	74%
B.SC PHYSICAL SCIENCE	II	67%
B.SC PHYSICAL SCIENCE	III	83%



B.SC PHY SCI COMP SCI	I	71%
B.SC PHY SCI COMP SCI	II	77%
B.SC PHY SCI COMP SCI	III	84%
B.SC (H) ZOOLOGY	I	88%
B.SC (H) ZOOLOGY	II	90%
B.SC (H) ZOOLOGY	III	100%
B.SC (H) BOTANY	I	87%
B.SC (H) BOTANY	II	80%
B.SC (H) BOTANY	III	100%
B.SC (H) CHEMISTRY	I	97%
B.SC (H) CHEMISTRY	II	92%
B.SC (H) CHEMISTRY	III	94%
B.SC (H) PHYSICS	I	72%
B.SC (H) PHYSICS	II	66%
B.SC (H) PHYSICS	III	87%
B.SC (H) COMPUTER SCIENCE	I	78%
B.SC (H) COMPUTER SCIENCE	II	88%
B.SC (H) COMPUTER SCIENCE	III	100%
MA ENGLISH	I	100%
MSC MATHS	I	100%
MA ENGLISH	II	100%
MSC MATHS	II	29%

ANNUAL REPORT COMMITTEE

S.NO.	NAME	DEPARTMENT	ROLE
1.	DR. RITU RAI	ZOOLOGY	CONVENER
2.	DR. J. DINAKARAN	BOTANY	MEMBER
3.	MR. MADHURENDRA SINGH	ECONOMICS	MEMBER
4.	DR. ARPITA VAJPAYEE	PHYSICS	MEMBER
5.	DR. NEHA GUPTA	PHYSICS	MEMBER
6.	DR. GEETANJALI	PHYSICS	MEMBER
7.	DR. NIDHI GAUR	HISTORY	MEMBER