

ABOUT THE GUESTS

Honorable Chief Guest, Professor Ved Prakash, Former Chairman, University Grants Commission is a D. Litt. in Chemistry and has been a full bright fellow at Michigan University. He has specialized in Higher Education, Educational Planning & Administration, Talent Identification and Educational Evaluation. He is an Author of 125 Publications. Prof. Ved Prakash has served the UGC in all capacities as its Secretary, Vice-Chairman and finally Chairman. Prior to this he was Vice-Chancellor, National University of Educational Planning & Administration (NIEPA). During his 41 years of illustrious career, he has served in more than 10 different institutions. He has been honoured with almost twenty awards including the **Bharatiya Gramay Ratan** Award, 2004 for outstanding contribution in Education & Culture. He has represented India at more than 30 countries in International Conferences, Seminars, Workshops and Consultative meetings. He has been nominee of the President of India and Chancellor of State Universities in the Search-cum-Selection Committee for Vice-Chancellors. Prof. Ved Prakash has delivered more than 100 Convocation/Endowment Addresses and he has also been the Chairman of Governing Councils of several important organisations such as:

- Inter-University Accelerator Centre (IUAC), New Delhi
- Inter University Centre for Astronomy and Astrophysics (IUCAA), Pune
- UGC-Department of Atomic Energy Consortium for Scientific Research (UGC-DAE CSR), Indore
- National Assessment and Accreditation Council (NAAC), Bangalore
- Information Library Network (INFLIBNET), Gandhinagar.
- Consortium for Educational Communication (CEC), New Delhi.
- Inter University Centre for Teacher Education, BHU, Varansi.

Shri S C Nagpal, Chairman Governing Body is a high ranking civil servant and has retired as Special Secretary to Government of India. He did B.A. (H) Political Science and M.A. Political Science from University of Delhi; M.Sc. in Social Development from University of Wales Swansea, UK and Post Graduate Degree in National Security from National Defence College (NDC), New Delhi. He has worked across multiple domains like general and development administration, human resource development, higher and middle education, staff welfare programs, healthcare, finance management, personnel management and discipline issues, litigation and quasi-judicial administration. He has also been working with and chairing elected and official bodies and special task groups. He has been member of Kendriya Vidyalaya Sangathan (Central Schools' organization), Cultural & Sports Board; Govt of India and Central Govt Health Scheme Advisory Committee. He has vast experience and interest in supervision and upgradation of institutions of primary, secondary and higher education; motivation and entrepreneurship; special campaigns for weak students; vocational skills of marginalized sections; promotion of research publications and inhouse research publications; personality growth programs. Currently, he is Chief Advisor to issue of Estate Management, ONGC; Chief Advisor to an Engineering, Management and Pharmacy College in NCR Delhi; Member - National Road Safety Council and Chairman Interview Boards for the IAS. He is a strong believer and a practioner of yoga and has keen interest in adventure sports. He regularly writes articles and stories in Hindi to national newspapers and magazines.

Dr. Kavita A. Sharma, *President, South Asian University*, New Delhi is an accomplished academician. Dr. Kavita has been an active contributor to the cause of higher education through her teaching, publications and the institutions she has been associated with. Dr. Kavita Sharma started teaching in 1971 in Delhi University's Hindu College and became its Principal in 1998 and served there till 2008 when she took up another challenging assignment as Director of India International Centre, New Delhi. She has published a number of books including *Internationalisation of Education, Sixty Years of University Grants Commission, Hindu College, Delhi – A People's Movement and The Windmills of the Mind*. Her research papers spanning a wide range of topics: higher education, language, immigration and identity, culture and women, have made their way in many reputed national and international publications. Dr. Sharma holds a Ph.D. Degree in English from the University of Delhi and an LLM degree from the University of British Columbia, Canada. A Fulbright Fellow, she was conferred the Indira Gandhi Sadbhavana Award by the National Integration and Economic Council in 2005. Widely travelled around the world, Dr. Sharma had also been an Honorary Visiting Lecturer at Tokyo's Women's Christian College and University of Indonesia. She is associated with many professional organisations including English Association, Indian Association of Canadian Studies, Indian Law Institute and Indian History Congress. She has been the Founder President of Parent's Forum for Meaningful Education.

Dr. Meenakshi Gopinath graduated in Political Science from Lady Shri Ram College, did her Master's from Massachusetts University and then doctorate from University of Delhi. She was recipient of Fulbright Scholarship and did post-doctoral research at Georgetown University. She started her teaching career from Jawaharlal Nehru University and eventually joined her alma mater, Lady Shri Ram College for Women as a Lecturer and eventually became its Principal in 1988. She initiated many changes in the college including introduction of new courses such as "Conflict Resolution Studies". She also established the Centre for Peace building at the college, an initiative, first of its kind in the country. In 1999 she founded WISCOMP (Women in Security, Conflict Management and Peace). She is the first woman to be appointed as a Member of the National Security Advisory Board (NSAB) in 2004 and served in this capacity for four years. She is a member of the Governing Councils of Coexistence International of Brandeis University and International Steering Committee of the Global Action for the Prevention of War, USA. She is the co-chairperson of the International Academic Council of the University of Peace, Costa Rica and is on the board of governors of several social and educational organisations such as Sarvodaya International Trust, Centre for Policy Research, Regional Centre for Strategic Studies, Centre for Peace and Conflict Resolution, The Shri Ram School, Doon School and the Indo-German Consultative Group. She has published several books and articles related to International issues. She was awarded fourth highest civilian honour of the Padma Shri in 2007 by the Govt. of India. She is also a recipient of Qimpro Platinum Standard Award, Rajiv Gandhi Award for Excellence in Education, Mahila Shiromani Award and the Delhi Citizen Forum Award.

AWARDS AND HONOURS TO COLLEGE

DBT STAR COLLEGE SCHEME: “Star College Scheme” has been initiated by Department of Biotechnology (DBT), Govt of India to support colleges and university departments offering undergraduate education to improve science teaching. The programme aims to improve the skills of teachers by organising faculty training, improved curriculum and emphasis on practical training to students by providing access to specialised infrastructure and consumables. In 2018, DBT under Star College Scheme has sanctioned a sum of Rs 1.04 crores for three years for strengthening of Life Science and Biotechnology Education and Training at undergraduate level for five departments of our college i.e. Botany, Zoology, Chemistry, Electronics and Mathematics.

9th Rank in Delhi by the India Today - Nielsen Best Colleges Survey 2017

Our college has been participating in Nielsen Best Colleges Survey conducted by India Today group since 2012 and has been placed continuously at either 8th or 9th position in Delhi under Science Stream Colleges and between 35 to 42 across India. In 2017, again the college got 9th rank in Delhi and moved up the ladder to 30th position in India. The college is on 25th position in the Directory of Best Colleges (Science Stream). College participated for the first time under Commerce stream and has received an All India 34th rank.

13th Rank in India Rankings 2018: Colleges by MHRD

The Ministry of Human Resource Development (MHRD) has conducted an All India survey through National Institutional Ranking Framework (NIRF) in which our college also participated. Out of 1087 colleges, our college has been awarded 13th rank. This is the first official ranking for degree colleges. The scores obtained by our college in five broad generic parameters used by NIRF are as given below:

- Teaching, Learning and Resources (76.83 marks)
- Research and Professional Practice (26.52 marks)
- Graduation Outcome (72.25 marks)
- Outreach and Inclusivity (72.25 marks)
- Perception (35.39 marks)

In order to organize **Faculty Development Programs** for teachers on cutting edge technologies, the college has signed a **MoU** with **ICT Academy**, a non profit Government supported organization.

The pass percentage in the University Examination held in April - May 2017 was 96.66%.

ACTIVITIES IN THE COLLEGE

ORIENTATION PROGRAMME

July 19, 2017: An Orientation Program for the year 2017-18 was organised by all the departments where the new students and their parents were apprised about the university coursework, credit-system, evaluation patterns and other relevant information pertaining to the students along with value systems and traditions of the college.

FOUNDER'S DAY

Floral tributes were offered to Pt. Deen Dayal Upadhyaya Ji on **September 25, 2017**. Pt. Deen Dayal Ji was a profound philosopher, organiser par excellence and a leader who had maintained the highest standards of personal integrity.

EK BHARAT SHRESTHA BHARAT PROGRAMME: SIKKIM AND ASSAM STATES

Ek Bharat Shrestha Bharat or One India Great India Program was initiated by our **Prime Minister, Shri Narendra Modi** on October 31, 2015 to mark the Birth Anniversary of **Sardar Vallabhbhai Patel** – The Iron Man of India.

An Audio-visual presentation on the Culture and Tourism of Sikkim was organized on January 22, 2018 by Ek Bharat Shrestha Bharat Committee. The Chief Guest for the day were, **Mr. Ashwani Kumar Chand**, Resident Commissioner, Govt. of Sikkim and **Mrs. Monalisa Dash**, Additional Resident Commissioner, Sikkim House, Govt. of Sikkim graced the occasion as the Guest of Honour. The event emphasised that this initiative by the Prime Minister of India was a great start to inculcate national integration amongst students. Through an AV presentation the rich cultural heritage and lifestyle of one of the most prosperous state of North East India i. e. Sikkim was depicted through the various dance forms of Sikkim like **Maruni dance, Bhutanese dance and Ranka dance**.

Mr. Ashwani Kumar Chand and Mrs. Monalisa Dash enlightened the audience regarding the state of Sikkim. Mr. Chand talked about Sikkim being the first fully organic state of India, having the highest per capita income next to Delhi and Chandigarh, cleanest markets, good civic sense of citizens, full ban on polyethene bags, best traffic management system etc.

The program was also aired on DD National under the flagship of Good Evening India on February 5, 2018.

SCIENCE FOUNDATION

- **January 24, 2017:** Science Foundation jointly with the National Academy of Sciences, India (NASI) – Delhi Chapter and IEEE EDS Delhi Chapter organized IEEE Distinguished Lecture Talk by **Prof. Souvik Mahapatra**, IEEE Fellow, FNAE, Department of Electrical Engineering IIT Bombay on CMOS Transistors - Operation, Scaling, Reliability and Way Forward.
- On occasion of National Science Day i.e. **February 28, 2017**, a Technical Lecture was

organized on “Satellite Communication Trends” which was delivered by **Shri Ved Prakash Sandlas**, Mentor-ITM University, Gurgaon and Formerly Director General, Amity Institute of Aerospace Engineering (AIAE).

- **March 07, 2017:** One day lecture-cum-hands on Workshop on "**Regulation of Lac Operon in Prokaryotes**" was conducted by committee and faculty members of Department of Zoology which was attended by over 100 students and faculty members.
- **March 09, 2017:** One Day **Industry-Institute Workshop** on ‘**SENSEnuts**’ was jointly organized with **EIGEN Technologies Pvt. Ltd.** The workshop was attended by over 50 students and the topics covered were application of Radio Module, USB Gateway Module; Ethernet Gateway Module; GAP Sensor Module; HTP Sensor Module; CO /CO₂ Sensor Module and SENSEnuts ToolChain which provides the user with all the software support required for developing TM applications on/for SENSEnuts Wireless Sensing Networks (WSN) Platform; viewing live data and analysis.
- **March 29-30, 2017:** A Workshop on **Linux Foundation Training** was conducted by committee members and faculty members of Department of Computer Science covering both theoretical and hands-on sessions on Linux Fundamentals. The workshop was attended by 40 students of B. Sc. Physical Science of our college.
- **August 10-11, 2017:** A lecture workshop on the theme ‘**Women in Science**’, supported by **Indian Academy of Sciences** was organized. The 11 speakers who graced the occasion were:
 - **Dr. Soumya Swaminathan**, F.A.Sc., F.N.A.Sc., FAMS, F.N.A., Director General, Indian Council of Medical Research (Keynote Address)
 - **Prof. Paramjit Khurana**, F.N.A., F.A.Sc., F.N.A.Sc., FNAAS, FTWAS, University of Delhi who delivered a talk on “Plant Genomics: Implications for Crop Improvement”
 - **Prof. Vani Brahmachari**, F.N.A., F.N.A.Sc., Dr. B. R. Ambedkar Center for Biomedical Research, Univ. of Delhi gave a talk on “The importance of being Resourceful while you are Resource-poor: A lesson from biological systems”
 - **Dr. Renu Khanna-Chopra**, F.N.A., F.N.A.Sc., FNAAS, National Fellow, IARI, New Delhi enlightened the audience on the topic “Physiological and molecular basis of drought resistance in plants”
 - **Dr. Ashima Anand**, F.N.A., FAMS(I), FTWAS, Vallabhbhai Patel Chest Inst., University of Delhi gave a talk on “The mountain ahead has to be climbed”
 - **Dr. Subhra Chakraborty**, F.N.A.Sc., FNAAS, F.A.Sc., National Institute of Plant Genome Research delivered a talk on “Tryst with one health: understanding plant immunity using integrative omics”
 - **Prof. R. Madhubala**, FNAMS., F.N.A.Sc., F.A.Sc., F.N.A., FTWAS, Jawaharlal Nehru University, New Delhi addressed the issue of “Remedies and control measures for Kala-azar, a major endemic disease and public health problem in India: the Journey So Far”
 - **Prof. Sneha Sudha Komath**, School of Life Sciences, Jawaharlal Nehru University, New Delhi gave a talk on “The Challenges and Charms of a Career in Science: A Gender Perspective ”
 - **Prof. Meenu Kapoor**, F.N.A.Sc., Univ. School of Biotechnology, Guru Gobind Singh IP University, New Delhi delivered a talk on “Evolutionary Insights into Chromomethylase Structure and Function in Streptophytes”

The two day workshop concluded with a Panel Discussion on “**Women in Science will enrich Science**” by **Prof. Bimla Buti**, F.N.A., FTWAS, F.N.A.Sc. and **Dr. Pratibha Jolly**,

Principal, Miranda House, University of Delhi, New Delhi.

- **September 6, 2017:** The Third Lecture Workshop on ‘**Women in Science: A Career in Science**’ was organized which was attended by over 250 students and faculty members. Eminent women scientists who delivered talks included:
 - **Prof. Punam Bedi**, Department of Computer Science, University of Delhi delivered a talk on “Cyber Security: An Introduction”
 - **Dr. Hema Banati**, Associate Professor, Department of Computer Science, Dyal Singh College discussed “Nature inspired Computing”
 - **Ms. Priti Jagwani**, Assistant professor, Dept. of Computer Science, Aryabhata College, University of Delhi apprised the audience about “Location Privacy Risk – Side Effect of Technological Proliferation”
 - **Dr. Shefali S. Dash**, Former Director General National Informatics Centre, Ministry of Electronics & Information Technology, Government of India delivered a talk on “Technical Aspects of Internet in the Next Decade”
- **September 15-16, 2017:** DST sponsored Third Lecture Workshop on ‘**Trans-disciplinary Areas of Research and Teaching By Shanti Swaroop Bhatnagar Awardees**’ was organized which included invited talks by:
 - **Professor Ashutosh Sharma**, Secretary to the Government of India, Dept. of Science and Technology gave the **keynote address**.
 - **Dr. Arindam Ghosh**, Associate Professor, Department of Physics, Indian Institute of Science, Bangalore gave a talk on “Emerging Physics and Devices with Atomic Membranes”
 - **Dr. Suvendra N. Bhattacharyya**, Swarna Jayanti Fellow, CSIR-Indian Institute of Chemical Biology, Kolkata gave a talk on “Modern biology: a journey towards molecular understanding of life”
 - **Prof. Pradyut Ghosh**, Dept. of Chemistry, Indian Association for the Cultivation of Science, Kolkata delivered a talk on “Anion Trapping by Molecular capsule and Its Applications towards Environmental and Health Related Problems”
 - **Prof. Maithili Sharan**, JC Bose National Fellow, Centre for Atmospheric Sciences, IIT Delhi gave a talk on “Applications of Mathematics in Health Sector, Atmosphere and air pollution”
 - **Prof. Subhasis Chaudhuri**, Department of Electrical Engineering, IIT-Bombay (Mumbai) delivered a talk on “Touching the Untouchables -- Haptics Technology at Work”
 - **Prof. Shanthi Pavan**, Department of Electrical Engg, Indian Institute of Technology-Madras(Chennai) gave a talk on “Measuring a millimeter with a meter scale, or, the magic of Delta-Sigma data conversion”
 - **Prof. Jayant R. Haritsa**, Senior Professor, Department of Computational and Data Sciences, IISc (Bangalore) concluded the lecture workshop by his talk on “The Latent Power of Absurd Ideas”
- **September 26-27, 2017:** Fourth Workshop on **VHDL programming and Digital Circuit Designing** was organized by the committee member and faculty members of department of Electronics. It was attended by 30 students. The workshop covered Data Flow Modelling, Structural Flow Modelling and Behaviour Modelling.

- **October 10, 2017:** Two talks were delivered by
 - **Prof. Ashok Bhatnagar**, FNASc, Department of Botany, University of Delhi on “Are We Humans Disturbing the Private Life of Plants?”
 - **Prof. Subhash C Chaturvedi**, FASc, FNASc, Visiting Professor, Department of Physics, Indian Institute of Science Education, & Research, Bhopal on “Notions of States and Measurements in Classical and Quantum Mechanics: An Elementary Introduction to Quantum Information Theory”.
- **November 03, 2017:** The following events were organized –
 - **Prof. Devesh K Sinha**, Dean of Colleges & Professor of Oceanography and Marine Geology, Department of Geology, Centre of Advanced Studies, University of Delhi gave a technical talk on “**Ocean-Climate Connection, Climate Change through Geological Past: Lessons for future**”. More than 450 students and faculty members attending the talk.
 - One day **Faculty Development Program** on "**Research Based Pedagogical Tools (RBPTs)**" for undergraduate life science teachers was organized which was attended by 26 faculty members from different colleges of Delhi University and nearby institutes. The workshop laid emphasis on activity based learning pedagogy. The program involved many interactive activities in which teachers worked in groups and even tried developing pedagogy relevant to the current syllabi. **Dr. Hemalatha Reddy**, Principal, Sri Venkateshwara College gave the valedictory remarks. **Prof. Devesh Sinha**, Dean Colleges of University of Delhi was kind enough to grace the occasion.

ROBOTICS CLUB

Robotics Club satiates the technological appetite of the techno-hungry students by providing them with an avenue to implement their innovative ideas and in this pursuit a plethora of activities were undertaken by the club.

- An **Orientation Programme** was organized in which the fresher’s were provided with a glimpse of various realms of Robotics and were acquainted with various activities of the club.
- Endeavouring to quench the thirst of automation- loving blossoming minds, the club undertook enriching activities and organised a series of workshops on **Arduino Boards**.
- The Club members also participated in e-Yantra competition organised by IIT Bombay. A total of six teams appeared for the online test out of which five qualified for stage 1 and one team comprising of Harsh Joon (B.Sc (H) Physics 1st year), Samarth Chaturvedi (B.Sc (H) Comp. Sc. 3rd year), Mridul Jain (B.Sc (H) Electronics 1st year) and Pawan Kumar Mishra (B.Sc (H) Electronics 3rd year) qualified for stage 2.
- The jewel in the crown of the Club was added by Praveen Kumar Chaturvedi (B.Sc (H) Electronics 2nd year), Manish Kumar (B.Sc (H) Electronics 2nd year) and Pawan Kumar Mishra (B.Sc (H) Electronics 3rd year) as they secured the **second position** in the event '**Maze of Theseus**' in *Invictus*, the technical festival of **Delhi Technological University**.
- **RoFSoc2018:** Annual festival named **RoFSoc** (Robotics for Society) with an aim to offer a platform for the students to display their skills and knowledge in the form of projects made to serve the society was initiated. This year it was organised on **February 26, 2018** in

collaboration with **Secure Computing Lab and School of Computer and System Sciences, Jawaharlal Nehru University**. The event was judged by **Dr. Jitendra Kumar Verma** (Asst. Prof., Galgotia University), **Dr. Karan Singh** (Asst. Prof. and faculty incharge, SC & SS, JNU) and **Dr. B. Chandra** (formerly at IIT Delhi). **Prof. Ashok Mittal** (Formerly at IIT Kanpur) graced the occasion with his presence. Students of Maharaja Agrasen College bagged the 1st and 2nd position and students from Institute of Informatics and Communication bagged the 3rd position. All the winners were offered an Internship at JNU. The hard work of the student conveners of the society, Mr Pawan Mishra (B.Sc Hons. Electronics), Mr. Divyanshu (B.Sc Hons. Computers), Ms. Khushleen (B.Sc Hons. Physics) and all the student members is worth applause.

CAREER COUNSELLING AND PLACEMENT CELL

- During 2017-2018, around 70 students were recruited by some leading companies like Vardhman Recruiters, Concentrix, S&P Global, Royal Bank of Scotland, FIS Global through campus placement drives.
- **September 14, 2017:** To facilitate students, the placement cell organized workshops and training sessions. A talk of Anavi Learning on 'Jobs and the Skills of the Future' by **Mr. Abhishek Singhal** (an alumnus of IIT Delhi, IIM Lucknow, MIT Sloan and Harvard Law School) was organized in association with department of management studies. More than 80 students attended the talk. Given the context of increased automation, driverless cars, teller-less banks, worker-less factories and people less offices, the key skills required from the future job-scenario perspective and how higher education can help in creating challenging careers was discussed.
- **November 9, 2017:** With a belief to give back to the society, Social Internship Conclave was organized in association with department of management studies. Around 10 NGOs including Nasscom, Young Association, Youth for Sewa, Action Aid, Hope Initiative, Little Umbrella, Pukaar participated in the conclave and offered 181 winter internships to students to work for the welfare of society.
- Hepta Contino Inc (Education Consultants) conducted a session on education in Ireland. Around 40 students attended the session by **Mr. John Korah Chandy** and **Ms. Nandini Dash**.
- **February 20, 2018:** In order to motivate the students to become entrepreneurs, a workshop was organized which was attended by more than 90 students. The resource person included:
 - **Dr. Lakshmi Devi**, formerly principal, Shaheed Rajguru College of Applied Sciences
 - **Prof. S K Palhan** from Great Lakes Institute of Management
 - **Mr. Arvind Thanvi**, Chief mentor, Moinee Foundation
- **February 26, 2018:** A workshop on 'Soft skills' was organized in which **Mr. Manish Raj Sharma** from MRS training services conducted it for 60 students to develop skill sets among students so that they can have a positive attitude towards life and various situations.

ADD-ON COURSES

❖ FOREIGN LANGUAGE CENTRE

The college started Certificate courses in Foreign Language in its Dwarka Campus in session 2016-17 with two languages namely Russian and French. The Russian course has been running in the college from past 10 years. This year the college enrolled students for certificate course in four foreign languages- French, German, Spanish and Russian. The college hopes to add a few more languages like Korean and Mandarin the next year.

❖ NCWEB CHAPTER

In 1943, by a Delhi University Act, Non-Collegiate Women's Education Board was established, where in women students were enabled to take some of the examination of the University with special coaching but without attending regular classes. This gave shape to the Non-Collegiate Women's Education Board (NCWEB). The Board began functioning in September, 1944 with 3 students. At present, the enrolment is more than 24,000. Only women students residing in the National capital Territory of Delhi can enroll themselves.

The college started its NCWEB chapter, in **July, 2017** by admitting 450 students in two courses BA and B.com. The classes are held on Saturdays and during academic breaks which leaves students with ample time to work or pursue other goals. The students are not only given exposure of academic life but also co-curricular activities.

Two important workshops were organised: **Gender Sensitization** through an NGO Breakthrough and the other on **Confidence Building and Memory Techniques**.

RUNG 2018, the cultural Festival was organized on **January 27, 2018** in which the students showcased their artistic capabilities.

❖ EFFECTIVE COMMUNICATION AND PERSONALITY DEVELOPMENT THROUGH THEATRE (ECPDT)

Offered by the Department of English, is a 100-hour add-on course which seeks to implement UNICEF and WHO's internationally recognized vision of life skills based education. Life skills have been defined by the World Health Organization as, "the abilities for adaptive and positive behaviour that enable individuals to deal effectively with the demands and challenges of everyday life." UNICEF defines life-skills-based education as basically being focused on triggering a behaviour change or behaviour development designed to address a balance of three areas: knowledge, attitude and skills.

August 5 to October 5, 2017: The course was organized on weekends and holidays and it comprised of a series of carefully constructed sessions involving acts, improvisations, aural, oral, written and physical exercises, memory, trust-building games, and leadership enhancing activities.

The resource persons were experienced professionals associated with the **National School of Drama** (NSD) and renowned names from theatre, film industry, media and academics such as **Ajay Manchanda, Rajinder Sharma, Geeta Agarwal** and many more. 37 students from various Delhi University colleges and other institutions successfully completed the course. The culmination of the course showcasing the key takeaways by the participants was held on October 5, 2017 in the presence of an invited audience including the parents, resource persons and faculty of the college.

CO - CURRICULAR ACTIVITIES

YAVANIKA –THE THEATRE SOCIETY

Yavanika - The Theatre Society of DDUC was formed in 2000 and over time it has become a prominent society of DDUC.

- **Orientation Play: ‘One in Everyone’** is a street adaptation of Voltaire’s Socrates which conveyed how despite all odds Socrates aimed to convey one message till his last breathe. He wanted youth to use reasoning and logic before accepting an idea.
- **Annual Production:** The play “*Pyaar, Dewaar Ke Uss Paar*” was of a comedy genre, a delicate and complex satire on the social and political structure of a village, where people are still caught up with their taboos of caste, religion, gender; where marrying outside one's caste is still unacceptable and is seen as a criminal act.
- **August, 2017:** Theatre workshops were organized under the direction of **Mr. Happy Singh** and the final production was staged on October 12, 2017. The play was also staged between October 24 – November 4, 2017 at IIT Roorkee, BITS Pilani, P.G.D.A.V college on Jan 11, 2018 and BIMTECH Noida on February 8, 2018.
- Yavanika in collaboration with SUKHMANCH Theatre Group created a play '*Dastak*' which highlighted crime against women. The group participated in the competition organized by Dy. Commissioner South Zone on Women related Issues and won **2nd prize**.

SPIC MACAY DDUC CHAPTER

- **August 21, 2017:** The chapter conducted its annual orientation programme in an event graced by **Ms. Usha Ravichandran**, State Chairperson of Spicmacay and Coordinator of Delhi Centre **Mr. Shailendra Mohan**, Senior Volunteer, **Ms. Sucheta Banerjee** along with **Ms. Tulika Niyogi**. 75 students enrolled themselves as volunteers for the society.
- **September 25, 2017:** The world renowned Bharatanatyam exponent, **Sushree Malavika Sarukkai ji** accompanied by Nellai A. Balaji on Mridangam, S. Srilatha on Nattuvangam , Srilakshmi Venkataramani on Violin and Murali Parthasarathy on Vocals gave the inaugural performance which mesmerized the gathering of students and faculty alike.

VOICES - THE DEBATING SOCIETY

Voices, The Debating Society of Deen Dayal Upadhyaya College trains the students over a huge spectrum of topics which include politics, education, feminism, prison system, international relations etc. and for this purpose invited **Krishtijeet Das**, a well-known and accomplished debater of the circuit. **Pratyosh Gogoi**, an alumnus of our college also conducted a few training sessions.

The achievements of the students are:

Aarushi Mahajan of B.Sc. Life Science III year

- ❖ Invited Core Judge at Amity Law School Induction Parliamentary Debate
- ❖ Adjudicated Semi-finals at IIT Delhi Freshers Parliamentary Debate
- ❖ Adjudicated Finals at KMC Freshers Parliamentary Debate
- ❖ Second Best Adjudicator at Symbiosis Law School Parliamentary Debate

- ❖ Best Speaker at Rajdhani College Turncoat Debate
- ❖ Best Opposition Speaker at Laxmibai College Conventional Debate
- ❖ Second Best Team Award at JMI Debate Competition (Team Member)
- ❖ Best Interjector at DRC English Debate Competition

Harshit Malhotra of B.M.S III year

- ❖ Best Speaker at Expanze DDUC Extempore Debate
- ❖ Third Best Team Award at VIPS Conventional Debate
- ❖ Adjudicated Quarter-finals at IIT Delhi Parliamentary Debate
- ❖ Best Team Award at JMC Matharena Conventional Debate
- ❖ Second Best Speaker at Gargi College Turncoat Competition

Prateek Jain, B.M.S I year

- ❖ Adjudicated Quarter-finals at LHMC Parliamentary Debate
- ❖ Adjudicated Quarter-finals at Symbiosis Law School Parliamentary Debate

Jagrit Sethi, B.M.S. I year

- ❖ Adjudicated Quarter-finals at LHMC Parliamentary Debate

January 15-17, 2018: The 4th edition of the annual **Intra-College Parliamentary Debate** was organised in which the team comprising of Aarushi Mahajan (B.Sc. Life Science 3rd Year) and Harshit Malhotra (BMS 2nd Year) were crowned winners and Prateek Jain (BMS 1st year) was awarded the best adjudicator award. Runners up were Aman Deep, B.Sc. Physical Science II year and Neha Walia, B.A. II year.

SANGYAAN – QUIZZING SOCIETY

- ❖ **September 2017:** The inaugural quiz for the Fresher's batch was conducted by Hardik Kathuria of B.Sc (Hons.) Botany, II year and Kartikeya of B.Sc (Hons.) Zoology, II year.
- ❖ **February 12, 2018:** A lecture on '**Working towards a Career in Journalism and Mass Communication**' was delivered by **Ms. Anushree Prerna**, Research Scholar from JNU in Pol Sc. and Post Graduate from IIMC, New Delhi. She delivered a precise, helpful and needy talk on why journalism can be a good option to explore as a career and how Journalism can become our career. Around 30-35 students, inquisitive to dive in the realms of Mass Communication attended the talk. *An intra college General Quiz was also organised after the lecture.*
- ❖ **Student Achievers:**
Apoorv Bansal and **Abhilasha Gupta** of BA (Prog) 2nd year won the **3rd prize** in the **Corporate Roadies** quiz at **Bharati College**, University of Delhi.

RAAGA - THE DANCE SOCIETY

The society began its activities with an Orientation and Auditions on **August 1, 2017**.

Members of the society actively participated in various events and competitions throughout the year at various colleges of University of Delhi – Lady Irwin College; Sri Venkateswara College; Mata Sundari College; Jesus and Mary College; Gargi College; Satyawati College; Deshbandhu College; Swami Sharadhhannand College; Atma Ram Sanatan Dharam (ARSD) College; Zakir Hussain College.

The society also performed at other institutions like Bhartiya Vidyapeeth (Paschim Vihar); Gear of Dance (University of Delhi); Netaji Subhash Institute of Technology (Dwarka); Bhagwan Parshuram Institute of Technology (Rohini); BFAB Urshilla Dance Company; AIIMS (New Delhi); Mood Indigo (IIT Mumbai); IIT Kanpur; BML Munjal University (Gurgaon); Ambedkar University (New Delhi); Symbiosis Colllege (Noida,UP); Lal Bahadur Institute of Management (New Delhi).

Achievements:

- ❖ 2nd prize at Maharaja Surajmal Institute of Technology (in both Talent Show & Group Dance)
- ❖ 1st prize at Lakshmibai College (Delhi University)
- ❖ In Top 8 at Delhi Dance Fever
- ❖ 3rd prize at Panipat Institute of Engineering and Technology
- ❖ 2nd prize at Ramanujan College (Delhi University)
- ❖ 3rd prize at BML Munjal University
- ❖ 3rd prize at AIIMS Pulse 2018

RHAPSODY (NEE RHYTHM) - THE MUSIC SOCIETY

The society organized its auditions on **July 31, 2017** and **August 01, 2017** followed by orientation and workshops. These drills have ensured laurels for the members of the society in various inter college events. The students represented the college in various music events including AIIMS (Pulse'18); OP Jindal (Biswamil); VIPS (Spandan); IIT Kanpur (Antaragni); Manav Rachna University (Xenia); IIT Delhi (Rendezvous); MAMC (Goonj); Ambedkar University; LSR College and JDM College.

FLIP was established in 2017, a band famous for the versatile skills of it's members namely, **Nikita Kundra**, B A (H) English, 3rd year as the Western Vocalist of the band, **Sourodeep Ghosh**, B.Sc. (H) Mathematics, 1st year as the Indian Vocalist, **Rohan Menon**, B.Com.(Hons), 3rd year as the guitarist (Electric Guitar), **Shubham Chawla**, B.Com. (Hons), 2nd year as the Rhythm Guitarist (Acoustic Guitar) and **Hrithik Rawat**, B.A. (Programme), 2nd Year as Bass Guitarist. Their genre of music is Experimental Fusion. Other members of the society were **Sarthak Mody** of B.A. English Hons; **Tushar Bhatt**, **Bhavya Mehta** of B.Com; and **Shubham Sharma** and **Nikhil Chugh** of B.Sc Computer Science

Achievements: The members of the society secured several positions in various competitions:

- ❖ Band FLIP in Battle of Bands

POSITION	VENUE	DATE
2 nd	IIT Kanpur	October 31, 2017
1 st	VIPS College	January 01, 2018
2 nd	Symbiosis Law School, Noida	February 16, 2018
1 st	World University of Design	February 22, 2018
1 st	Bharati College	February 23, 2018
3 rd	Ashoka University	February 26, 2018
1 st	Shaheed Rajguru College of Applied Sciences	March 13, 2018
3 rd	Maulana Azad Medical College	March 15, 2018
2 nd	Ambedkar Institute of Advanced Communication & Research	March 21, 2018
1 st	NSIT College	March 26, 2018

- ❖ **Nikita Kundra** in solo singing (western)

POSITION	VENUE	DATE
Best Performer	IIT Kanpur	October 30, 2017
3 rd	Janaki Devi Memorial College	January 12, 2018
1 st	Symbiosis Law School, Noida	February 16, 2018
2 nd	College of Vocational Studies	February 21, 2018
BEST VOCALIST	Maulana Azad Medical college	March 15, 2018

- ❖ 1st position in Pair on Stage by **Shubham Chawla & Shruti Gupta** (KNC) at **IIT Kanpur** on October 30, 2017.
- ❖ 1st position at **DJ Wars** by **Nikhil Chugh** at **IIT Kanpur** on October 31, 2017.

KALAMKAAR - THE LITERARY SOCIETY

Kalamkaar tries to inculcate writing and artistic skills in the students.

- **February 3, 2017: Kalamkaar Literature Festival (KLF)** was organized which involved learning the art of sketching to depict modern feminism. People enjoyed the plunge in the literature river. **Dr. Suresh Rituparna**, an eminent writer was Chief Guest of the event. Various other dignitaries and renowned persons from literature field viz. **Ms. Anshu Pathak, Ms. Renu Hussain, Ms Pratibha** presented their views in different sessions.
- **March 2, 2017:** The same echo evolved into a roar with *Kalamkaar Kavi Sammelan's* which was a night filled with love, comedy and gratitude to the soldiers. Famous poets, viz. **Dr. Rahul Awasthi, Ms Gauri Mishra, Mr Ajatshatru, Mr. Prakhyat Mishra** and **Dr. Suresh Awasthi** spellbound the audience with their awesome renditions of geets and poems.
- **April, 2017:** A farewell party, "Odyssey-2017" was organised by the juniors and in an online contest the participants were asked to write a letter to their 15 year old self.
- **August 17, 2017:** The Inaugural Ceremony was held for the academic session 2017-18 where various poets and storytellers presented themselves.
- **September 31, 2017:** A poster making competition was organised by *Fine Arts Wing – Canvas*, in collaboration with ISIC (Indian Spinal Injuries Center) on the theme "**Disability is Not Inability**" to make students realize the importance of empathy over sympathy.
- **Open Charcha and Let's Talk:** An online initiative in August was taken to discuss some of the regular issues of day to day life on a social platform i.e. Facebook. Various nano tales, stories, poems and idealistic views were discussed every week.
- **October 10, 2017:** A session on creative writing in Hindi and Urdu was mentored by our alumni, **Mr. Satish Kumar** (batch 2017, B.Sc (H) Mathematics).
- **October 12-13, 2017: Intercollege Festival – AURORA:** On day 1 an interactive session was organized where **Rahul Kaushik** author of - *The Melting Words* summarized his journey up and down the hill of e-media and emotions. Continuing with the waves of creativity second session was dedicated to train youngsters for how to paint their ideas and emotions on canvas by trainer and painter **Mrs. Somali Bakshi**. AURORA further witnessed various competitions like *Klip Kamal, Anjuman, Rangrez* and *Quiz Kong* on second day.
- Throughout the year different competitions like *Nano tale Competition on Instagram* captured the limelight of the viewers.

FIN S - THE FINANCE CLUB

Fin-S, the Finance Club is a student run organisation which aims at enriching the financial aptitude among its members through various initiatives and seminars.

- A Freshers' **Intra College Mock stock Competition** to help the newbies learn the working of the stock market through skilfully designed simulations of financial problems was organized.
- **September 20, 2017:** An inspiring and knowledge enriching talk by **Mr. Paresh Gupta**, an alumnus of SRCC, Chartered Accountant, an MBA from London School of Business and an entrepreneur was organized. He has been 3 times TEDx Speaker, is Guest Columnist at The Indian Economist, Startup Mentor and Advisor at CIIE SRCC, IITs, IIMs, NMIMS, and many other institutions.
- To expand the social outreach and experience fun filled learning, the finance club undertook initiatives like "**FinArt**" (the financial Articles), "**FinFact**" (Interesting facts in the field of finance) & "**WordsWorth**" (a descriptive explanation of key financial terms) briefing **The Economic Times**. In order to stay updated with the on-going financial and economic issues around the world were undertaken.
- The **Annual Finance fest: Finanza** was organized on **February 19, 2018** experienced a high footfall of students from colleges of Delhi University and other Universities in the Delhi-NCR region. The event provided a highly enriching experience for participants. They were acquainted with the rudiments of stock markets and portfolio management and had an opportunity where the sponsors like CIMA, LIC, Delhi School of Business, IMS, International College of Financial Planning were in direct touch with the students.

MODEL UNITED NATION (MUN) CLUB

January 19, 2018: As a preliminary session to MUN 2017-18, a training seminar was held to equip the participants of MUN with an insight into the concept and objectives of Model United Nations Conference.

February 9-10, 2018: DDUC MUN's Eighth edition was organized in which –

- ❖ **Inaugural session:** It was graced by the presence of **Shri Tejendra Khanna**, formerly LG, NCT of Delhi and **Prof. Dinesh Singh**, formerly Vice-Chancellor, University of Delhi.
Shri Tejendra Khanna spoke on the evolving role of India and its policy of supporting and nurturing others, rather than exploitation. He put forth a very relevant perspective that India need not play second fiddle to any other country, even the U.S.
Prof. Dinesh Singh emphasized that discussion; debate and dialogue are the panacea to any problem.
Both the speakers appreciated India's role in bridging communication gaps among other warring countries.
- ❖ **MUN committees:** A total of five committees were hosted namely, United Nations General Assembly (UNGA), United Nations Commission on the status of Women (UNCSW), United Nations Security Council (UNSC), Organisation of American States – Organisation for Security and Cooperation in Europe (OAS-OSCE): Joint Stakeholders Meet; International Press (IP). The agenda of various committees were as follows:

- UNGA : Cyber Warfare and Global Cyber Security Concerns.
UNCSW : Women Employability and Gender Disparity in Economic Empowerment.
UNSC : Nuclear Security Concerns and Combating Nuclear Terrorism
OAS-OSCE : Democracy and Electoral Reforms.

The event received a good response and witnessed a number of group delegations from various Colleges and Schools. There were 120 delegates. The UNGA had 43 participants, UNCSW had 40 participants, UNSC and OAS-OSCE had 10 and 11 delegates respectively and the International Press comprised of 16 members.

Kendriya Vidyalaya, Noida, with all its 34 delegates was presented a special award for their zeal and efforts.

The Conference came to a wonderful close with a video put together by the IP members covering the entire conference.

POLAROID : PHOTOGRAPHY CLUB

In the academic session 2017-18, the photography club decided to be named as "**POLAROID**".

- An orientation program was held on **August 17, 2017** for the students in which nineteen students registered through an online photography competition.
- During the academic session, eight photography workshops were conducted by **Mr. Hemant Uppal** of which six workshops were indoor, one night photography and one outdoor. The students also went for a photowalk to Chandini Chowk to experiment their equipment under the supervision of senior student members of the society.
- Students showcased their talent through an exhibition put up during annual cultural festival of the college Kalrav'17.
- They also captured special moments of a number of Intra College activities all throughout the year. Some of the students covered events organized by other colleges of University of Delhi. Throughout the year, the society organized a number of competitions as a part of various college events. The members participated in inter college photography competitions organized by other Colleges of University of Delhi as well.
- Achievemnets
 - An intracollege photography competition was organized by the department of commerce in which **Swati Tiwari** of B.A. (Hons.) English 3rd year bagged the **1st prize**.
 - In the intra-college event organised by the department of Computer Science, **Kuldeep** of B.Sc. Physical Science (with Comp. Sc.) 3rd year was ranked **1st**.

KALRAV - ANNUAL CULTURAL FESTIVAL

March 2-4, 2017: The festival was inaugurated with the flagship *Kalamkaar Kavi Sammelan* on the evening of March 2. **Dr. Suresh Awasthi**, renowned *Hasya Kavi*, graced the occasion as the

chief guest. Poets like **Rahul Awasthi**, **Gauri Mishra** and **Prakhyat Mishra** also presented their poems to the audience.

The intercollege events and performances of the fest began on March 3 and extended to March 4 with events like *Business Tambola*, *Blind Fold*, *Film making competition*, *Solo singing*, *Face painting*, *Anjana Anjani*, *Mono Act*, *Battle of Bands*, *Online Dubsmash*, *Entertainment quiz*, *Western Group dance*, *Cric Buzzand Street Play* etc. The highlight of the event was the decoration of the Fest entrance and lanterns which were made entirely out of waste posters, papers and other waste products by the students. **Ms. Mansi**, an Indian Idol participant was invited as the judge for Solo Singing Competition.

There were an overwhelming number of participants from various colleges of Delhi University and other institutions in and around Delhi. The prize winners of different competitions include students from Indrapastha University, Motilal Nehru College, Keshav Mahavidyalaya, Shivaji College, Deshbandhu College, Delhi College of Arts and Commerce, Janki Devi Memorial College, Sri Vankateshwara College, Aurobindo College, Zakir Hussein Delhi College and Institute of Home Economics and students of the host College. The fest was concluded with the star night on March 4. Popular Bollywood singer **Jubeen Nautiyal** enthralled the audience with his live performance in the College grounds.

ECO CLUB

- **September 18, 2017:** Eco-club's 2017 session marked it's beginning with Film Screening on "**Conservation of Natural Resources**" followed by Poster Making competition, on the same theme.
- **October 2-5, 2017:** The students participated in '**Global Wildlife Program Conference**' on the theme "People's Participation in Wildlife Conservation" organized by the Ministry of Environment Forest and Climate Change in association with the World Bank and UNDP at New Delhi. Representatives of 18 countries from Africa and Asia participated in the conference that served as a platform for great learning opportunity to youths in enhancing their awareness and contribution towards conservation of the pristine wildlife.
- **October 16, 2017:** The members of Eco Club and NSS jointly organized '**Green Diwali**' drive in college and neighbouring areas aimed at fostering environmental consciousness among the people.
- This year's **Eco Club trip** to Naddi, Dharamshala witnessed great adventure.
- **November 2-5, 2017:** Eco Club was invited to be a part of "**9th CMS Vatavaran**", Asia's largest International Film Festival and Forum on Environment and Wildlife, held in the vicinity of Gandhi Smriti, opposite Rajghat, New Delhi. The festival witnessed mass participation from various schools and colleges where students got a platform to present their artistic and creative side. Our team participated in the event of Venue decoration on the theme '**Conservation of Water**'. The purpose of the festival was to create awareness among the youth about the pressing environmental issues.

NATIONAL SERVICE SCHEME (NSS)

NSS is a platform to sensitize students to social issues and to offer services to the society with a mission to bring happiness and smile on many faces.

- **July 17, 2017:** In the beginning of the session, ten NSS volunteers of our college participated in the second **International Day of Yoga** organized by NSS center, University of Delhi, and welcomed the Queen of Thailand and foreign dignitaries.
- **July 27-28, 2017:** Then a two days **Voter's Drive** was organized in collaboration with Chief Electoral officer, Delhi. 95 students registered for the same. The SVEEP ambassador and BLO helped students understand the importance of voting.
- **August 2-15, 2017: Swachhta Pakhwara** was celebrated in which the program Officer gave a brief speech about the mission our Prime Minister had launched with a vision to make a clean India by 2019, the 150th anniversary of Mahatma Gandhi.
- **August 11, 2017:** Orientation Program was organised to brief the new members of NSS about its agendas during which the principal shared his views and motivated students to give some of their time to social service. Volunteers showed their dedication and interest in social work, this year 200 students registered.
- **September 14, 2017:** In collaboration with Red Cross Society, the NSS unit organised a **Blood Donation Camp** in the college premises and a total of **121 blood units** were collected.
- **September 19, 2017:** A lecture on **Time Management and Leadership qualities** was conducted **Miss Veena**, who threw light on how to manage our social and academic responsibilities simultaneously. An informative and interactive session on "**Panoramic view on common eye disorders and their solutions**" was organised where topics relevant to eye care and the treatment of eye problems were discussed with **Dr. P V Chadhha**, a renowned Ophthalmologist and eye surgeon.
- **October 16, 2017:** Organized a rally and door to door campaign on "**Clean and Green Diwali**" and spread awareness about saying NO TO CRACKERS and promote methods by which we can celebrate a happier and safer Diwali. In a bid to include an element of surprise in Diwali celebrations, NSS DDUC organized a visit to an Orphanage, Grace Foundation and conducted various activities there.
- **October 30 to November 4, 2017:** Vigilance awareness week was observed by the NSS. In association with *Youth Ki Awaaz*, we organized a **Voter Awareness Workshop**. In association with Sri Venkateshwar hospital, Dwarka, we successfully organized a Free Health Check-up camp where more than 250 people got tested for Blood pressure, BMI, Random blood sugar and Electro Cardiography.
- **October 31, 2017:** The 142nd Birth Anniversary of Sardar Vallabhbhai Patel was observed as the **Rashtriya Ekta Diwas** (National Unity Day). A mass pledge took place to commemorate the great sacrifice of freedom fighters and to sensitize everyone towards our Freedom struggle and the Quit India Movement. The volunteers took an '**Integrity Pledge**' under the theme of '**My Vision-Corruption Free India**'.
- **November 7-8, 2017:** In collaboration with the Chief Electoral Officer, Delhi, we organized a special camp under the **Special Summary Revision of the Electoral Roll** for inclusion of eligible young citizens in the voter list. Activities such as Craft making for differently abled and Swachta awareness were carried out in collaboration with organisations like **Masoom Duniya**. NSS volunteers also participated in the Promotion and Awareness of the Health Scheme of the Government of NCT, Delhi to provide free tests and surgeries to needy people. A lecture on awareness about Hepatitis marked the beginning of the second half of the session 2017-18.

- **January 1-20, 2018:** A cloth and stationery collection drive was held, which was followed by a donation drive in the adopted slum. **NSS unit adopted a slum located in JJ COLONY Sector-3, Dwarka** with the purpose of revamping the condition of the people living there specially children which is conducted by providing holistic education (activities like basic computer knowledge, general knowledge, singing classes and dancing classes). Also, donation drives, festival celebrations, health awareness scheme through door to door campaign and street plays, cleanliness drives etc. were also organized in the slum area.
- **National Girl Child Day Celebration:** NSS volunteers and Team WDC jointly contributed by volunteering in managing the event.
- Apart from these events, this session a free **health check-up camp** was organized for girls in the college premises where over a hundred girls got consulted by dietician and gynaecologist from **Sri Venkateshwar Hospital**.
- A week long **Self Defence Training** was organised in the college jointly by NSS and WDC with **Delhi Police**.
- NSS also organised an **Immunization Camp** for the people living in the adopted slum against **Hepatitis-B**.
- To provide a helping hand to our college gardeners, NSS volunteers came forward and devoted one hour every day in their work.
- The volunteers are also involved in writing for blind students of Blind Person Association, sector 13, Dwarka and also for the blind students of our college.
- On **April 14, 2018** we celebrated our annual fest, **PEHAL** where students from orphanage and slum were invited and various fun activities were organized for them.

WOMEN DEVELOPMENT CELL

- Women Development Cell aims to open up the minds of the students on topics of sexuality, masculinity, patriarchy and gender and stereotype beliefs associated with these issues. Along with these, the cell also aims to spread awareness about legal rights of women and the need and importance of women empowerment. Following activities were organized by Women Development Cell for this year:
- **August 25, 2017:** The Cell commenced its activities with an *Orientation Programme* to apprise the students about its aims and functioning. 150 students from all the courses enrolled as volunteers.
- **Session on Triple Talaaq by India First:** India First is a famous blog which discusses about country's strategic interests and ensures robust economic growth. They organized a discussion session with all the members of Women Development Cell on the burning topic of Triple Talaaq. Students freely shared their opinion and had a fruitful discussion.
- **September 27, 2017:** An intercollege symposium on '**Women in Industries-Tussles and Triumphs**', was organised. Four speakers, namely, **Ms Anika Verma** (Sr. Manager at Breakthrough India), **Ms Oshikka Lumb** (Founder of Markitier and Event Mosaic), **Ms Rituparna Sengupta** (Campaigns, Brand and Media Head at WWF-India) and **Ms Aishwarya Sharma** (Owner of Figuramoda) were invited to share their story, struggles they faced and how to break the myths associated with working women. The event was attended by more than 350 students across colleges.

- **October 27, 2017:** One of the major objectives of Women Development Cell is to spread legal awareness. For this purpose, a **seminar** on **Article 35A** was organised. The speaker **Sh. Dileep Kumar Dubey**, a Supreme Court Lawyer addressed a gathering of 200 students and explained Article 35A in great detail.
- **October 30, 2017:** An **Intra College Painting Competition - Knack's Beau** was organized in which more than 30 students participated enthusiastically to express their thoughts and opinions in a creative colourful manner. On the spot themes given to the participants were - gender and society, women in national building, domestic violence and phenomenal women. Participants came out with creative and surprising interpretation of their topics. The winners of the Competition were:
 - First Prize: Saurabh (B.Com Hons, 3rd Year)
 - Second Prize: Pulak Jain (B.A. Hons English, 1st Year)
 - Third Prize: Preeti (B.A. Prog, 1st Year) and Tanika Sharma (B.Sc Hons Physics, 3rd Year)
 - Special Mention: Vanshika Sharma (B.Com Hons, 2nd Year) and Pragya Dass (B.Sc Hons. Chemistry, 1st Year)
- **October 30, 2017:** The following events were organized –
 - ❖ **Breaking the Barriers** - An intra-college on the spot bilingual writing competition was held. The topic for the competition was '*Speak up/Awaaz Uthao*'. This event emphasised to highlight imaginative ideas which bring happiness, smiles and cheers to life of women and throw light on their pains and sufferings. The stars of this event were:
 - First Prize: Khushleen (B.Sc Hons. Physics, 3rd Year)
 - Second Prize: Sudhan Singh (B.Sc Hons. Botany, 3rd Year)
 - Third Prize: Riya Pakhre (B.Sc Hons. Botany, 2nd Year)
 - Consolation Prizes: Sourabh Sharma (B.Sc Math. Sc., 1st Yr) and Jugal (B.A. Prog, 2nd Yr)
 - ❖ **AUGUSTA** - A **group discussion** was organized on some topics of utmost importance. The areas of concern included crime against women, menstrual myths/hygiene, puberty, adult education discriminatory practices against women in different religions and medical termination of pregnancy and maternity law. A Survey was conducted on the above-mentioned topics beforehand and the results were discussed.
- **January 17, 2018:** A lecture on a noteworthy theme "**Women and Travel**" was conducted by **Mr Jyotishman Kalita**, Department of English, Deen Dayal Upadhyaya College. He talked about how spaces are demarcated for men and women differently, how the number of women travellers outnumbered the male travellers, and barriers we need to break for the betterment of the society. He also discussed the real definition of a traveller and how the soulful travel is hit by commercialism. He highlighted the relevant survival hacks, the importance of travelling in groups and above all experience and life lessons are more enriching.
- **January 24, 2018:** On the occasion of **National Girl Child Day**, **Office of the District Magistrate/Dy. Commissioner, South West Delhi** organized a **Panel Discussion** with eminent personalities. The Women Development Cell of the college along with National Service Scheme aided in event management and logistics for the event. Panellists for the event were **Mr. Vijender Singh**(Boxer, Olympic Medalist), **Ms. Ira Singhal** (UPSC Topper), **Ms. Anuradha** (Chairperson & MD, B.A.G Network), **Ms Bhanu Pratap** (SDM Kapashera), **Ms Manjari Chaturvedi** (Kathak Dancer), **Ms. Sujata Soni Bali** (Theatre

Director & Producer), **Mr. Ravi Kant** (Lawyer and Social Activist). The discussion was moderated by **Mr. Sidharth Pandey** (Sr. Journalist). The event was a grand success with more than 500 students attending and interacting.

MENTORING AND COUNSELLING COMMITTEE

This committee initiated a good practice in the college last year by organising a series of group counselling sessions for the staff and students of the college. These counselling sessions were conducted in collaboration with trained experts and psychologists from a wellness company Zyego.

The counsellors are experienced in creating awareness and providing tips on emotional wellbeing and conflict resolutions. The response to these interactive group sessions have been very encouraging with the participation of about 50 teachers and about 300 students in the last 5 sessions. The sessions were based on the following topics and were well received.

- ❖ The Spaces we create together: a session exclusively meant for the teaching faculty.
- ❖ Relations on a ship
- ❖ Emotional abuse in relationships
- ❖ Impact of social media on relationships
- ❖ Body Image: Issues Impact & Management

SPORTS

The students participated in various International, National, Inter-University, State and Inter-College Level competitions and brought laurels to the college.

Extramural:

The college participated in various Inter-College Tournaments and promoted the students to participate in other district, state, Inter-University and national level tournaments also. Following are the details.

ACHIEVEMENTS AT INTERNATIONAL LEVEL

Aman Saini of B.A. 3rd year

- ❖ Bagged **16th position** in **Archery World Cup, Berlin** from **August 8-13, 2017**
- ❖ Bagged **3rd position** in **Indian Archery team Asia Cup Stage-2 World Ranking Archery Tournament, Manila Philippines** from **April 5-12, 2018.**

ACHIEVEMENTS AT NATIONAL LEVEL

- **Vishakha Sharma of B.Sc. (Hons.) Zoology** participated in **25th Junior National Fencing Championship 2017-18** held at **Indoor stadium Kormangala, Karnataka** from **January 9-12, 2018.**
- Following students participated in **5th youth National Fencing Championship 2017-18** held at **Division sports complex, Panchwati, Nasik, Maharashtra** from **March 29-31, 2018:**

1.	Yogesh Yadav	B.Com(Hons) 2 nd Year
2.	Himanshu Sharma	B.Com (Hons) 3 rd year
3.	Vishakha Sharma	B.Sc. (Hons.) Zoology 2 nd year

4.	Vinod Yadav	B.Com (Hons) 2 nd year
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- Following students participated in **15th Sub-Junior, 25th Junior and 29th Senior National Korfball Championship 2018** held at **Nagpur, Maharashtra** from **March 28-31, 2018**:

1.	Deepak Pant	B.A. 3 rd year
2.	Vinay Yadav	B.Com (Hons) 2 nd year
3.	Deepanshi	B.Com (Hons) 1 st year
4.	Garima Singhal	B.Com (Hons) 1 st year
5.	Alka Soreng	B.Com (Hons) 3 rd year
6.	Asha Kumari	B.Sc (Hons) Zoology 1 st year
7.	Kanchan Nayal	B.Com (Hons) 1 st year
8.	Suparna Kandpal	B.Com (Hons) 1 st year
9.	Karuna Mandal	B.Sc. Mathematical Sciences 3 rd year

- **Abhijeet Rana** of **B.Sc (Hons) Maths 3rd year** participated in **39th Senior National Softball Championship 2017** held at **Duttapulia, Nadia, West Bengal** from **December 25-30, 2017**.

ACHIEVEMENTS AT ALL INDIA INTER UNIVERSITY LEVEL

- **Aman Saini** of **B.A. 3rd year** won **2 Gold** medals and **1 Bronze** medal in **All India Inter University Archery Championship, KIIT, Bhubaneswar** from **December 25-29, 2017**.
- Following students participated in **All India Inter-University Korfball Championship** held at **Osmania University, Hyderabad** from **March 10-12, 2018**:

1.	Asha Kumari	B.Sc (Hons) Zoology 1 st year
2.	Himanshu Sharma	B.Com (Hons) 3 rd year

- Following students participated in **All India Inter-University Softball Championship** held at **M.D.U. Rohtak, Haryana** from **February 25-28, 2018**:

1.	Pankaj Panghal	B.Sc. (Hons) Chemistry 2 nd year
2.	Rajiv	B.A. 2 nd year
3.	Vicky Yadav	B.A. 2 nd year
4.	Sudhir Kumar	B.A. 3 rd year

- **Rahul Gahlot** of **B.A. 3rd year** participated in **All India Inter University Netball Championship** held at **S.D.M. College, Mangalore University, Karnataka** from **February 23 – March 2, 2018**.
- Following students participated in **All India Inter University Ball-Badminton Championship** held at **Yogi Vemana University, Kadapa, Andhra Pradesh** from **December 25-31, 2017**:

1.	Himanshu Puniya,	B.A. 2 nd year
2.	Ravi	B.A. 2 nd year
3.	Sahil Rana	B.Com (Hons) 3 rd Year

- **Ankit Singh** of **B.Sc. Physical Sc. (Comp. Sc.) 1st year** participated in **All India Inter University Yoga Championship** held at **K.I.I.T. Bhubaneswar** from **October 1- 4, 2017**.

ACHIEVEMENTS AT STATE LEVEL

- Following students secured **3rd position** in **Delhi State Fencing Competition** held at **Siri Fort Sports Stadium** from **December 2-3, 2017**:

1.	Vishakha Sharma	B.Sc. (Hons.) Zoology 2 nd Year
2.	Vinod Yadav	B.Com (Hons) 2 nd year

- **Himanshu Sharma** of **B.Com (Hons.) 3rd year** secured **2nd position** in **Delhi State Fencing Competition** held at **Siri Fort Sports Stadium** from **December 2-3, 2017**:

ACHIEVEMENTS AT DISTRICT LEVEL

- Following students secured positions in **West District Fencing Championship** held at **Metro Palace Banquet Hall** from **November 11-12, 2017**:

1.	Vishakha Sharma	B.Sc. (Hons.) Zoology 2 nd year	U- 23 Second U-20 Third
2.	Himanshu Sharma	B.Com (Hons) 3 rd year	First
3.	Vinod Yadav	B.Com (Hons) 2 nd year	Third
4.	Yogesh Yadav	B.Com(Hons) 2 nd Year	Third
5.	Divyanshu Pathak	B.Sc. Physical Sc. with CS 1 st Year	Second
6.	Nitin Kumar	B.Sc. Physical Sc. with CS 1 st Year	Third

ACHIEVEMENTS IN INTER - COLLEGE COMPETITIONS

TEAM EVENTS

- **1st Place** in **Inter-College Softball Tournament**

1	Pankaj Panghal	B.Sc (Hons) Chemistry 2 nd Year
2.	Rajat	B.Sc (Hons) Chemistry 1 st Year
3.	Sandeep kumar	B.Sc (Hons) Chemistry 2 nd Year
4.	Sudhir Kumar	B.A. 3 rd Year
5.	Rajiv	B.A. 2 nd Year
6.	Vikas Yadav	B.A. 2 nd Year
7.	Rajeev	B.A. 3 rd Year
8.	Dheeraj	B.A. 3 rd Year
9.	Vikas	B.A. 1 st Year
10.	Ankit kumar	B.Sc. (Hons) Physics 1 st Year
11.	Abhijeet Rana	B.Sc (Hons) Maths 3 rd Year
12.	Shyam	B.Com (Hons) 2 nd Year
13.	Vijay Bhasin	B.Com (Hons) 3 rd Year

14.	Deepak Kumar	B.Sc (Hons) Botany 2 nd Year
15.	Arman Khan	B.Com (Hons) 2 nd Year
16.	Gaurav Kumar	B.Sc (Hons) Chemistry 3 rd Year
17.	Bairister Yadav	B.Sc (Hons) Chemistry 1 st Year
18.	Gaurav Balyan	B.Sc (Hons) Computer Science 2 nd Year

• **2nd position in Inter-College Ball-Badminton Tournament**

1.	Himanshu Puniya	B.A. 2 nd Year
2.	Ravi	B.A. 2 nd Year
3.	Lucky Rana	B.A. 3 rd Year
4.	Himanshu Sharma	B.Com (Hons) 3 rd Year
5.	Sahil Rana	B.Com (Hons) 3 rd Year
6.	Rajeev Kumar	B.A. 3 rd Year
7.	Rajiv	B.A. 2 nd Year
8.	Yogesh Kumar	B.Com (Hons) 2 nd Year
9.	Vikas Yadav	B.A. 2 nd Year
10.	Vinod Yadav	B.Com (Hons) 2 nd Year

• **2nd Place in Inter-College Archery Tournament**

1.	Stanzin Jigdal	B.A. 1 st Year
2.	Rishabh Shokeen	B.Sc. Physical Sc. (Comp. Sc.) 1 st Year
3.	Rohit Shokeen	B.A. 1 st Year
4.	Aman Saini	B.A. 3 rd Year

INDIVIDUAL EVENTS

TAEKWONDO		POSITION	
1.	Vishal Chaturbuj	B.A. 3 rd Year	Second
2.	Ichcha Nigam	B.Sc (Hons) Life Science 1st Year	Third

ARCHERY		POSITION	
1.	Aman Saini	B.A. 3 rd Year	First
2.	Stanzin Jigdal	B.A. 1 st Year	Third

PARTICIPATION IN INTER - COLLEGE TOURNAMENTS

22 Teams from the college participated in 16 Sports in Inter-College Tournaments

S.No.	SPORT	SECTION
1.	Ball-Badminton	Men & Women

2.	Badminton	Men & Women
3.	Basketball	Men & Women
4.	Taekwondo	Men & Women
5.	Netball	Men & Women
6.	Chess	Men & Women
7.	Korfball	Men & Women
8.	Boxing	Men
9.	Judo	Men
10..	Baseball	Men
11.	Athletics	Men
12.	Softball	Men
13.	Football	Men
14.	Cricket	Men
15.	Table-Tennis	Men
16.	Archery	Men

Intramural:

The Intramural was organised in the form of Inter-Departmental Tournaments (Football and Badminton), Inter-Class Tournament (Tennis-Ball Cricket) and Intra- College (Individual) Competitions (Chess).

The Annual Sports Day was held on April 13, 2018. Mr. Anup Kumar (Arjun Award- Kabaddi) was the Chief Guest.

SUBJECT SOCIETIES

KALPAVRIKSHA - DEPARTMENT OF BOTANY

Kalpavriksha, society of Department of Botany, facilitated various student activities:

- **Delonix'17**, the **annual botanical festival** was held from **March 7 - 8, 2017**.
 - Various inter and intra-college events like Botanical Rangoli, Leaf Painting, Plant Photography, Botanical Quest were organised.
 - **Prof. Amar Kumar**, University of Delhi, delivered the Valedictory lecture on **“Intricacies of Plant Pathogen Interaction”**.
 - **Daulat Ram College**, University of Delhi, won the **Pt. Deen Dayal Upadhyaya Memorial Rolling Shield** for Debate on **"Can there be a consonance between urbanisation and nature?"**
 - Team from **KM College** won the **Botanical Rangoli** Competition.
 - Our students: Priya Suman for Leaf Painting, Kajal Jain and Parul Tiwari for Plant Photography, Shruti Kaushik and Mansi Arora for Botanical Quesy, Jugal Kishore for Creative writing and team of Rupa Kumari, Gaurav Gaur and Shruti Kaushik for Plant Identification Competitions were the winners.

- **Prof. A. K. Pandey**, Department of Botany, University of Delhi, delivered the inaugural talk for the academic session 2017- 18, "**Taxonomy and Ethnobotany**" on **September 28, 2017**, followed by felicitation of the office bearers of the society.
- A **Kite Designing Competition** was held on **January 15, 2018**.
- A **Plant Photography Competition** on theme "**Life as we see**" was held on **January 24, 2018**.
- **Delonix'18**, the **annual botanical festival** for 2018 was held from **February 20 - 21, 2018**.
 - Various inter and intra-college events like Botanical Rangoli, Botanical Quest, Plant Identification competition, Creative writing competition, Plant photography competition, Hall of Fame, Botanical Hunt were organised.
 - **Prof. Girdhar Pandey**, Department of Plant Molecular Biology, South Campus, University of Delhi, delivered a lecture on "**From Genomics to Functional Genomics : Stress Signalling Perspective**".
 - **SGTB Khalsa College**, University of Delhi, won the **Pt. Deen Dayal Upadhyaya Memorial Rolling Shield** for Debate on "**Transgenics is the only way to ensure food and nutrition security under burgeoning population & changing climate!!**"
- A Poster titled "**Synthetic Seeds: A promising method to conserve endangered plant species**" by **Priya Singh Kushwaha** and **Kritika Bahuguna**, both of B.Sc. (H) Botany 1st year, (*prepared under the aegis of DBT Star College Scheme*) was selected for **National Science Day 2018** celebration organized by 'Indian National Science Academy', Delhi, 'Indian Academy of Sciences', Bengaluru and the University of Delhi on February 28, 2018 at INSA, Delhi.

COVALENCE - DEPARTMENT OF CHEMISTRY

Covalence, society of Department of Chemistry, facilitated various activities for students and faculty:

- An **inaugural lecture** on "**Chemical Pathways to Use Carbohydrates as Cheap Starting Material to Prepare Modified Nucleosides as Antisense Drugs and Molecules for Drug Delivery**" was delivered by **Prof. Ashok Prasad**, P.G. Department of Chemistry, University of Delhi on **September 8, 2017**.
- An **industry-academia interaction** program was organised on **January 9, 2018** under the **aegis of DBT-Star College Scheme** for presentation cum demonstration of safe handling, manufacturing process of Borosilicate glass, Calibration of glassware, do's and don'ts in laboratory and proper uses of glassware in laboratory by experts from "**BOROSIL**" company.
- **Yakult Danone India Pvt. Ltd.**, a probiotic dairy product industry, Sonapat, Haryana was visited on **March 10, 2018** under the aegis of **DBT-Star College Scheme**.
- The **annual departmental festival** was organised on **March 21-22, 2018** and was inaugurated by **Prof. Ramesh Chandra**, Head, Department of Chemistry, University of Delhi and **Dr. R.M. Kohli**, retd. Principal, Shyam Lal College graced the occasion as the Chief Guest.
 - A lecture on "**Chemistry of Foods**" was delivered by **Prof. J.M. Khurana**, **University Of Delhi**.

- Competitions like **Inter-college quiz, Paper presentation, Debate, Chemical Tambola, Cross-words, Ad-mad, Creative writing** were organised.

COMMUNITY – DEPARTMENT OF COMMERCE

CommUnity, society of Department of Commerce facilitates and mentors organisation of various student activities:

- An **Orientation Program** organised on **July 19-20, 2017** for the first year students included a play on anti-ragging practices and some introductory session with Guru-Shishya relationship along with some fun and interactive ice-breaking games.
- Conference on Start-Up Talks: A **start-up conference** on **“Critical Value Systems Required for Becoming a Successful Entrepreneur”** was organised on **August 18, 2017** in collaboration with **Vyaktitva**. The conference saw intense deliberations among a panel of distinguished speakers including **Ms. Nidhi Lal**, Co-Founder, Global Women Foundation, **Ms. Oshikka Lumb**, Founder, Markitiers, **Mr. Dhiyvasu Bhadauria**, Co-Founder, EventGraphia, **Mr. Palansh Agarwal**, Co-Founder, EventGraphia, **Mr. Piyush Agarwal**, Founder, Cashless Bazar Pvt. Ltd. and **Ms. Saumya**, Co-Founder, Youth for Peace International. Creativity, Competitiveness, Communication Skills and Confidence were identified as the key entrepreneurial ingredients for success.
- **Guruvai Namah**: Remembering distinguished professors, on the pious occasion of teacher’s day, on **September 5, 2017**, the department felicitated **Prof. S. Kumar, Former Dean & Head, Department of Commerce, University of Delhi**. Prof. Kumar enlightened students on Contemporary and Emerging issues on **“Global Economic Environment”** followed by a fresher’s welcome celebration **‘ShubhAarambh’**.
- A Two days **hands-on workshop on “Digital Marketing”** in collaboration with Department of Management Studies, CarpeDiem (IIM Calcutta event) and MakeIntern, was organised on **September 21-22, 2017**. The focus was to devise digital marketing strategies and the skills required to implement them.
- A One-day **Faculty Development Programs** on **“E-filing of Returns”**, delivered by **Dr. V.K. Singhania**, was held on **August 25, 2017** to keep pace with the recent developments in digital governance and introduction of Goods and Services Tax (GST).
- An FDP on **“Computerised Accounting System with GST”**, delivered by **Dr. Hemchand Jain**, Deen Dayal Upadhyaya College, University Of Delhi and **Mr. Bijay Bhattacharya**, Tally, was organised on **October 5, 2017** which was followed by practical working knowledge sessions on **“Financial Management”**, by **Dr. Hemchand Jain**, Deen Dayal Upadhyaya College, University Of Delhi, **Dr. H.N. Tiwari**, Shri Ram College of Commerce, University of Delhi and **Mr. Arunesh**, Kirori Mal College, University of Delhi on **October 6, 2017** in collaboration with **Indian Accounting Association, Delhi Chapter**.
- A Two days **workshop on “GST”** on **October 10-11, 2017** was organised for the students by eminent tax experts **CA Vineet Rathi**, Chairman and Managing Committee Member, CICASA, ICAI and **Mr. Anubhav Kumar**, Professional Speaker and Tax Practitioner delineated important provisions relating to levy and collection of GST, Input Tax Credit, and Time of Supply etc.
- **EXPANZE 2017** was organised on **October 27, 2017** to reaffirm the understanding of the vastness of human potential and the spheres of human influence in the realms of investment, advertising & marketing, business quiz and start-ups.

- Symposium entitled '**Flaws in Indian Education System**' by **Mr. Hemant K. Gaur** was organised on **January 25, 2018** in collaboration with '**Vyaktitva**' to deliberate on the desired trajectories of the prevalent educational system.
- **Career Counselling Session** on **January 23, 2018** was organised for MBA aspirants by **Mr. Shubham**, Counsellor, Career Launcher, to help them face Group Discussions and Personal Interviews.

SANGANIKA – DEPARTMENT OF COMPUTER SCIENCE

Sanganika, society of Department of Computer Science, organised various technical events and lectures:

- **Brain Games-Reborn:** A challenge for puzzle solving lovers was conducted on **August 17, 2017** by **DDUC Association for Computing Machinery (ACM) Student Chapter**. The event tested the analytical thinking skills of the participants.
- **LAN Gaming event** was held on **August 22, 2017** in collaboration with Gaming Central. 5 students who reached the finals were selected to represent the college at the Inter-college gaming challenge.
- A **counselling session** was conducted on **August 24, 2017** by Landmark.
- A Two days **workshop** on "**Networking**" was organised by DDUC ACM Student Chapter in collaboration with **IBNC, India**, on **October 12-13, 2017**. Practical training on CISCO routers and switches was given to the students.
- Two events of **TEDxDDUCSalon** were organised by DDUC ACM Chapter on **September 15, 2017** and **January 12, 2018** wherein 5 videos from **TedX** were shown and discussed.
- **Tech Marathon**, the annual departmental technical festival was organised from **February 2 - 3, 2018** and it experienced an immense participation from colleges like JNU, DU, IITM, NSIT, DTU, MSIT, IIT, NIT, VIT for 9 technical and 6 non-technical events.
- Six days **National Workshop** on "**A Trends Towards Machine Learning: Techniques and Applications**" sponsored by UGC was organised during **December 26, 2017 – January 1, 2018**. Total 91 participants got registered. Resource persons from reputed institutes (JNU, DU, IIT Delhi, BHU, IIT Patna, South Asian University, Bennet University, Indian Agricultural Statistical Research Institute) and industry (IBM Research, Delhi, InfoEdge, Greater Noida) came and delivered the state of the art techniques and applications in Machine Learning along with **practical demonstrations using R and Spark**. A range of topics was covered from Deep Learning to Machine learning of Text Processing, Sentiment Analysis, Streaming of Data, etc.
- Five Days **Faculty Development Program** was organised on "**Data Science and Big Data Analytics using R**" during **March 6 - 10, 2018** by **Mr. Jegadeesan** in collaboration with **ICT Academy**. The participants learned to use tools such as: R and RStudio, MapReduce/Hadoop, in-database analytics, Window and MADlib functions. Through various case studies they learned to select appropriate analytic techniques and used tools to analyze big data, create statistical models, and identify insights that can lead to actionable results. 27 faculty members from DU Colleges and other private and deemed universities participated.

ZEST - DEPARTMENT OF ENGLISH

Zest, society of Department of English, organised following activities:

- **Three day Orientation Ceremony** for the first year students and their parents was held from **July 20-22, 2017**. Annual programmes, upcoming events were indexed. A guided tour of three floors of the library was conducted and a hands-on demo of operating the computer data base was also organised.
- The **Zest Talent search** was held on **August 8, 2017** wherein the students were given 20 minutes to prepare and enact a skit. The session was conducted by the famous director and theatre artist **Mr. Ajay Manchanda**, National School of Drama.
- **ZEST Theatre Society Inaugural performance** on **“The Play of Desires and Escapes”** was played on **August 18, 2017** by the students under the direction of **Mr. Ranbeer Singh**. The play was about a bubbling cauldron of dreams, desires, escapades and restrictions, of lipsticks and burkhas.
- A **two Day workshop on ZEST Gender Sensitisation** was held on **August 24-25, 2017** in collaboration with the NGO, **Breakthrough**. The workshop aimed at breaking gender stereotypes and spreading awareness on various issues like domestic abuse and sexual harassment.
- **Spectator**, the annual literary bulletin was launched on **October 25, 2017** commemorating the linguistic and artistic endeavors of Zestians. **ZEST alumni, Rashi Srivastava** of batch 2015 and **Vikas Shukla** of batch 2010 were felicitated for their exemplary achievements in their respective fields. While **Rashi** forayed into the literary world with her **debut novel, “Sojourn”**, **Captain Vikas Shukla** of **Indian Army** hoisted the ZEST flag high up.
- A **syllabus based Lecture** on **Anita Desai’s** novel **“In Custody”** was held on **January 19, 2018** by **Mr. Skand Priya**, Assistant Professor, Department of History, Shivaji College, University of Delhi. The expert spoke on the development of Urdu as a language and the study of Urdu poetry in context of the novel.
- **10th annual ZEST Walk** for the students, faculty and alumni of the Department was organised in **Sanjay Van**, Delhi on **January 22, 2018**. Apart from walking in the midst of nature, everyone contrasted their aspirations and experiences in department and the world outside.
- A short movie **S.T.A.Y** was screened on **February 9, 2018**. The cast includes our alumni **Mr. Karan Luthra** of **2016 batch** as **Assistant director** and **Ms. Vaibhavi Jangid** of **2017 batch** in the **lead role**. The link to the movie is available for public access on YouTube with the following
URL: <https://www.youtube.com/watch?v=FbuwTaPDyD8&t=1s>
- **Film appreciation classes** were conducted for the students of Generic class. Screenings, reviews and film analysis was organised for the films: **MonaLisa Smile, Elizabeth, The Schindler’s list, Pride and Prejudice and Garam Hawa**.
- **Alumni meet** was organised on **March 24, 2018**, followed by the **Zest Literature Quiz** conducted by **Raghib Reza** and **Tanvi Grover**, B.A (Hons) English 3rd Year.
- The **Annual Literature Festival “Who’s Afraid of the Ides of March”** was organised on **March 26, 2018**. It showcased an in-house talent along with various competitions. The

Annual production of the ZEST Theatre Society “**To the Truth of Who I am**” was staged under the direction of **Abhishek Kukreja**, Batch 2011.

- A lecture on “**Women and Law**” was delivered by **Ms. Upasana Dhankar** on **April 4, 2018** for the students of subject “**Women and Empowerment in India**”.

SILIZIUM - DEPARTMENT OF ELECTRONICS

Silizium, society of Department of Electronics, organised several lectures, activities and alumni interactive sessions for the students:

- **URJASVA’18**, annual technical festival was organised on **January 19, 2018** that saw a plethora of technical competitive events like Circuit Bizz, Tech-O-Mania, Robo Race, Kalam Ki Nok Se along with some fun filled activities.
- An ‘**Alumni Meet**’ was organised on **January 20, 2018** wherein 20 alumni placed at various organisations graced the occasion.
- An **Industrial Visit** to **Yakult Danone India Pvt. Ltd.**, Sonapat, Haryana was organized under the aegis **DBT Star College Scheme** on **March 10, 2018**. Students of B.Sc (Hons.) Electronics Semester II, IV and VI along with six faculty members visited the plant and had an exposure to the automation of the plant.
- Two student projects (*prepared under the aegis of DBT Star College Scheme*) were selected for **National Science Day 2018** celebration organized by ‘Indian National Science Academy’, Delhi, ‘Indian Academy of Sciences’, Bengaluru and the University of Delhi on February 28, 2018 at INSA, Delhi.
 - “**IoT based Real Time Gas Concentration Monitoring and safety Alarm System**” by **Pawan Kumar Mishra** (B.Sc. (H) Electronics 3rd year) and **Manish** (B.Sc. (H) Electronics 2nd year).
 - “**Spybot and Autonomous Path Follower PROTOBOT**” by **Praveen Kumar Gond** (B.Sc. (H) Electronics 3rd year) and **Praveen Kumar Chaturvedi** (B.Sc. (H) Electronics 3rd year).
- A two days hands-on workshop on “**VLSI Technology**” was conducted on **March 16 – 17** by **Mr. Ranveer Singh, Mr Rajesh** and **Mr Sumit Bansal** from “Truechip Solutions Pvt. Ltd.”. The focus of the workshop was to highlight the importance and relevance of VLSI as an upcoming career option and give hands-on experience to the students in the area of hardware circuit implementation on FPGA.
- To expose the students to the activities related to “**Research and Development in the field of Solid State Electronics**”, final year students visited “**Solid State Physics Laboratory (DRDO)**”, New Delhi on **March 22, 2018**. They visited various labs at SSPL but were most amazed at the work done in **Surface Acoustic Waves Lab (SAW)** where **e-Nasika**, the indigenously developed gas sensor for lethal gases, and **hydrophones**, a sensor which is used under water.
- Five teams from the department participated in **NConSI Headstart 2018** at the **National Conference on Scientific Innovation Headstart** organised by **St. Stephan College**, University of Delhi from April 5 - 6, 2018.
 - “**Hyperloop: The Fifth Mode of Transport**” by **Ankit Singh, Murari Thakur** and **Ravi**, all from B.Sc. (H) Electronics 2nd year.

- “*IoT: Internet of Things*”, by **Sneha Arora, Raghunath Mishra** all from B.Sc. (H) Electronics 2nd year.
 - “*Algorithm for Maze Solving*” by **Praveen Kumar Chaturvedi**, B.Sc. (H) Electronics 2nd year.
 - “*Spybot and Autonomous Path Follower PROTOBOT*” by **Praveen Kumar Gond**, B.Sc. (H) Electronics 3rd year.
 - “*IoT based Real Time Gas Concentration Monitoring and safety Alarm System*” by **Pawan Kumar Mishra**, B.Sc. (H) Electronics 3rd year. Pawan bagged the **3rd Position** in the **NConSI Headstart 2018**.
- A three days **workshop** on “*Cyber Security*” was organised from **April 13 - 15, 2018**. The chief guest of the event were, **Mr. Shekhar Dutt**, Governor of Chhattisgarh (January 2010 to July 2014) and a ‘**Sena Medal for gallantry**’ awardee for his participation in the 1971 war. Mr Dutt emphasised on the need for Cyber Security for national , organisational as well as individual level. The resource persons were **Mr Vikas Sharma**, CEO, Sunworks; **Mr. Nishant Sharma** from Unmukti Technology Pvt. Ltd. and (**Retd.**) **Col. H K Trivedi** (Signals Department) and a recipient of ‘*Chief of Army Staff’s Commendation*’ in recognition of services to the Army in the area of Telecommunications & Network Security. More than 50 participants from various institutes attended the workshop. The workshop covered many intricate aspects of Cyber Security.

ABHIVYAKTI - DEPARTMENT OF HUMANITIES

Abhivyakti, society of Department of Humanities organised **Hindi Diwas**, on **September 14, 2017**. **Dr. Madhu Chawla** delivered a talk which was followed by a quiz competition.

SPETTRO - DEPARTMENT OF MANAGEMENT STUDIES

Spettro, society of Department of Management Studies, organised several lectures, activities and alumni interactive sessions for the students:

- A two days **Orientation Program** for the first year students was organised on **August 17-18, 2017**. The event facilitated familiarisation of the new joiners with the culture of the institution and helped to hone their skills like teamwork, communication.
- “**Hitch your Pitch**”, an intra-college event based on Crowd Pitching was held on **September 4, 2017** by the Entrepreneurship Development Cell of the department. Here the audience acted as the potential investor, and participants were required to design Business Plan to resolve problems given to them on the spot.
- A talk on “**Jobs and the Skills of the Future**” by **Mr. Abhishek Singhal**, Anavi Learning, was delivered on **September 14, 2017** in collaboration with **Career Counseling and Placement Cell**.
- **The co-working space, “Innova8”** was visited on **September 20, 2017** to understand the culture where multiple professionals of different organisations, freelancers and entrepreneurs work under one roof at the same time.
- An inspirational talk on “**The Importance of Self-Motivation in Life and Career**” by **Mr. Ritesh Garg**, Alumnus BHU, Founder, Yuva Prerna Yatra and I Foundation was delivered on **September 22, 2017**.

- A Two days **workshop** on “**Digital Marketing**” in association with IIM Calcutta and Department of Commerce was held on **September 21-22, 2017**. The topics discussed included search engine optimisation (SEO), search engine marketing (SEM), content marketing, influencer marketing, content automation, campaign marketing, and e-commerce marketing, social media marketing, etc.
- An informative and enlightening session on “**Tips for Cracking Group Discussions**” was held on **September 26, 2017** by Training and Career Cell of the department with experts from T.I.M.E institution.
- An inter-college event, **Pirates of Scavenger Island (Treasure Hunt)** that comprised of two rounds of **Business Quiz** and **Word search puzzle** on **October 13, 2017** was organised to enhance the knowledge of the participants with respect to the business world, entrepreneurs and innovations.
- **Orizzonte’17: An Inter-School Students Conclave** that conducted competitions involving product innovation, Mock Stock, business market simulation, etc, was held on **October 27, 2017**. Participation of more than 40 schools from Delhi and NCR was observed. The event provided a platform to students across schools to showcase their analytical, logical, reasoning and creative abilities in the fields of finance, marketing and interpersonal skills.
- The **Social Internship Conclave** was held on **November 8, 2017** with a resolve to give back to the society. 10 NGOs participated and offered winter internships to students.
- A **National Seminar** sponsored by **ICSSR** on "**Contemporary Strategies for Sustainable Development: Marketing and HR**" was held on **November 10, 2017**. More than 40 research papers from 15 academic institutions across the country were presented and discussed. **Prof. N K Kakkar**, Advisor, MAIMS and **Prof. Kavita Singh**, FMS, University of Delhi, graced the occasion.
- **Alumni Lecture Series:** An initiative was taken to start an interaction with the alumni on a regular basis
 - A workshop on **Impression Management** by **Ms. Meenal Narula** (Certified Image Consultant) of 2014 Batch was held on **January 8, 2018**. The students were explained the importance of inculcating the right body language and posture to present themselves.
 - **January 16, 2018**. Mr. Udit Tyagi (2015 Batch), an aspiring Chartered Accountant shared his experiences in the corporate sector with the students. He emphasized on the need to inculcate the hobby of reading and experimenting.
 - **Ms. India – Koyal Rana** interacted with the students on **January 25, 2018** and shared her entrepreneurial venture - **Dream catchers**.
- Two days event **STEPS 1.0** was organised by **Entrepreneurship Development Cell** on **February 15-16, 2018** to provide guidance to future entrepreneurs.
 - Pre-Training Workshop for **Psychometric Assessment Test** was conducted by **Dr. Anand Saxena**, Associate Professor, Department of Commerce, DDU College, University Of Delhi on **February 15, 2018**.
 - **STEPS 1.0 Workshop** was organised by **Mr. Sanjeeva Shivesh**, Founder, The Entrepreneurship School, on **February 15, 2018**, with the intention of identifying entrepreneurial skills within each of the participants.
- **Alumni Meet 2018** was held on **February 28, 2018** that provided a platform to students for interaction with their alumni. **Karan Saharan**, Batch 2010 and **Bhoovan Soran**, Batch 2011, working currently with the Ministry of Power and Coal encouraged students to follow their

dreams to excel in their lives.

- **The Drawdown Innovate event** was hosted by the **Social Responsibility Cell of the department** in association with **Net Impact, Delhi University**. In this, three innovative solutions were introduced; **Regenerative Agriculture, Educating Girls** and **Net Zero buildings** on which students researched and identified main points. This was followed by the task of Ideation, creating a prototyping in the form of role play, storyboard, mockup, model or some other elaborate structure.

HARISH CHANDRA MATHEMATICAL SOCIETY - DEPARTMENT OF MATHEMATICS

Harish Chandra Mathematical Society, society of Department of Mathematics, organised following activities:

- **MATHRIX-2017**, the annual departmental festival was organised from **March 7-8, 2017** with ten events evenly spread over the two days.
 - The fest was inaugurated with a lecture **“Fourier Series to Harmonic Analysis on locally Compact Groups”**, delivered by **Prof. Ajay Kumar**, Department of Mathematics, University of Delhi.
 - Among various events the “Ideate” (Mathematical Presentation) on the first day and “Great Debate” on the second day were well attended.
 - The fest concluded with a talk on **“Functional Analysis”**, given by **Prof. V. Ravichandran**, Head, Department of Mathematics, University of Delhi.
- A lecture on **"Picard's Theorem without tears"** was delivered by **Dr. Gopal Datt**, Harish Chandra research institute, Allahabad, on **September 6, 2017**, This was followed by a quiz competition, **‘APTIMANIA’**.
- A talk on **“The inverse and implicit function theorems”** was given on **October 31, 2017** **Mr. Sahil Gehlawat who is pursuing PhD from** Department of Mathematics, IISc, Bangalore. And is the alumnus of our department. **Prof. Ajit Iqbal Singh**, formerly at Department of Mathematics, University of Delhi graced the occasion and interacted with the students.

OPTIZONE - OPERATIONAL RESEARCH

Optizone, society of Department of Operational Research, took initiatives to organise various activities and lectures.

- **Diwali celebrations** were undertaken with specially advantaged children at **“Blind Persons Association”** on **October 14, 2017**. An amount of 9750 INR was collected of which 7900 INR was donated in cash to the organisation. Rest was used in sweets and other eatables. A very competitive ANTAKSHAREE was played between the students of Mathematical Science and BPA.
- **One day Faculty Development Program** for analyzing the real life situations under uncertainty & making decision using **@Risk and Eviews softwares** was conducted on **September 13, 2017** by **Prof. Pankaj Sinha**, Faculty of Management Sciences (FMS), University of Delhi. All participants got hands-on working experience to quantitatively analyse various possible outcomes of problems under uncertainty and thus to make optimal

decision.

- Two days **Inter-College Annual festival, OPTIMO-2018** was organised on **February 20-21, 2018** comprising of six events. The fest received sponsors from “Trip Travia”, “INGLU”, “the Souled Store”, “Edu+”, “The Education TREE”, “Daddy’s Gift Gallery”, “Yumnistan”.

ARYABHATTA SCIENCE FORUM - DEPARTMENT OF PHYSICS

Aryabhata Science Forum, society of Department of physics, organised various seminars and lectures:

A seminar on “**Recent advances in Atomic, Molecular & Optical Physics**”, sponsored by **SERB, DST** was held on **September 19, 2017** in association with **Atomic Physics Research lab**.

- **Prof. Man Mohan**, University Of Delhi, in his inaugural address motivated students to interact with scientists from India and abroad to get exposure on cutting edge research and develop a scientific community in the college.
- The first session was on “**Ion- Atom Collisions using accelerators & e-interference in Molecular Double slit**” by **Prof. Lokesh Tribedi**, President of Indian society of Atomic and Molecular Physics, TIFR, Mumbai. Students joined the Question and Answer session enthusiastically thus making the session interactive.
- The second session was on “**Addressing Molecular Physics with Lasers & Ion Beams**” by **Dr. Jyoti Rajput**, Associate Professor, Department of Physics and Astrophysics, University of Delhi. She gave important information regarding dissociation dynamics, lifetimes, spectroscopy, photo-absorption properties of molecules and molecular ions using experimental techniques.

SYNAPSES – DEPARTMENT OF ZOOLOGY

Synapses’, society of Department of Zoology, organised following activities and lectures in the year 2017-18:

- A lecture on “**The Fundamentals of Flying with *Drosophila*: from Classroom to Research Laboratory**” by **Prof. Namita Agrawal**, Department of Zoology, University of Delhi was organised on **September 21, 2017**.
- One day **Faculty Development Program** on “**Research Based Pedagogical Tools**” was held on **November 3, 2017**.
- A lecture on “**Microbiology: Then and Now**” was organised on **February 15, 2017** by **Prof. Rup Lal**, University Of Delhi.
- **Poster making competition** on “**Real World Applications of Curriculum-based Experiments**” was held on **February 16, 2017**.
- A **student presentation series** was initiated in which students prepared and presented on various topics:
 - ‘**Discovery of New Limbless Amphibian: Chikilidae**’ by Pooja Gupta, Pooja Sharma and Sakshi of B.Sc. (H) Zoology IV Semester was presented on **February 20, 2017**.
 - ‘**Homo naledi: A newly discovered human ancestor**’ by Kartikey and Devyani of B.Sc (H) Zoology II Semester was presented on **April 10, 2017**.

- **“Summer Research Fellowships”** by Deepti, Pooja Gupta and Upasana of B.Sc (H) Zoology V Semester was presented on **August 8, 2017** to share their experience at Department of Zoology, University of Delhi during the vacations
- **“Arboreality in Vipers”** by Rohan Bahl of B.Sc (H) Zoology II Semester was presented on **February 1, 2018**.
- One day **lecture-cum-hands-on Workshop** titled **"Regulation of Lac Operon in Prokaryotes"** was held on **March 7, 2017** under the **aegis of Science Foundation**. In this a lecture on **"Understanding the design of Living Systems"** was delivered by **Prof. Madan Mohan Chaturvedi**, Head, Department of Zoology, University of Delhi.
- **Zoofestea'17**, the inter-college Annual Festival of the department was organised on **March 9, 2017**. It had activities like Declamation, Ad-mad, Quiz, Vision-draw, Murder mystery, Salad making.
- **Student - Teacher Interaction session** was held on **August 29 - 30, 2017** to discuss various career prospects in zoology and achievements of alumni.
- An **inaugural subject lecture** for the current academic session by **Prof. Namita Agrawal** (Department of Zoology, University of Delhi) on **‘The Fundamentals of Flying with *Drosophila*: from Classroom to Research Laboratory’** was organized on **September 21, 2017**.
- A one day **Faculty Development Program** on **“Research Based Pedagogical Tools (RBPTs)”** for undergraduate life science teachers was organized under the aegis of **Science Foundation** on **November 3, 2017** which was attended by faculty from various colleges of Delhi University and other Institutes
- A visit to the laboratories was organized to the ***Drosophila* Stock Centre** at the Department of Zoology, University of Delhi under the supervision of **Prof. Namita Agrawal** on **February 23, 2018** for the students of B. Sc (H) Zoology Semester VI
- The **Annual Departmental Fest, Zoofestea'18** was organized on **February 26, 2018**. Various activities held includes Declamation, Rangoli Making Competition, Show the best you can? And an exhibition of art and craft by the students and faculty.
- A **lecture** was delivered by **Dr. Sunil Wadhwa**, Cardiac Surgeon at Primus Hospital on **“Cardiovascular Health”** on **February 26, 2018**.
- An **Industrial Visit** to **Yakult Danone India Pvt. Ltd.**, Sonapat, Haryana was organized under the aegis **DBT Star College Scheme** on **March 10, 2018**. Thirty eight students of B.Sc (Hons.) Zoology Semester IV and VI and B.Sc (P) Life Sciences Semester VI and six teaching and non-teaching faculty visited the factory.
- Students of B.Sc (Hons.) Zoology Semester VI were taken for a one day **Training Workshop** on **“Zebra Fish: Model System”** organized by Department of Biochemistry & Zoology, Daulat Ram College, University of Delhi on **March 17, 2018**. Twenty eight students and six teaching faculty attended the workshop.
- A **Science Academies’ Lecture Workshop** entitled **“Role of Epigenetics in Health and Diseases”** was organized from **April 5-6, 2018** under the aegis **DBT Star College Scheme**. **Prof. Madan Mohan Chaturvedi** convened the event and Dr. Sudhir Verma served as the coordinator. The event included lecture sessions by the following eminent scientists and fellows of the Science Academies:
 - **Prof. Madan Mohan Chaturvedi**, Department of Zoology, University of Delhi
 - **Prof. Pramod C. Rath**, Jawaharlal Nehru University

- **Prof. Shantanu Chowdhury**, Institute of Genomics & Integrative Biology
- **Dr. Beena Pillai**, Institute of Genomics & Integrative Biology
- **Student Achievers:**
 - **Kartikeya**, B.Sc (Hons.) Zoology II year secured **1st** position in **Science Quiz** during Rasayanotsava 2017 organized by Covalence Society of Department of Chemistry, Deen Dayal Upadhyaya College on February 27-18, 2017; **3rd** position in **Literature Quiz** during Zest Society of Department of English, Deen Dayal Upadhyaya College on October 25, 2017; **3rd** position in **Quiz Competition** during Audacity, the Annual Cultural Festival of Ambedkar University, Delhi (2017-18).
 - **Deepti Rawat**, B.Sc (Hons.) Zoology III year awarded **Summer Research Fellowship 2018 by Science Academies'** (Indian Academy of Sciences, Bangalore; Indian National Science Academy, Delhi & The National Academy of Sciences, Allahabad) under **Dr. Paban K. Agrawal**, Institute of Nuclear Medicine & Allied Sciences (INMAS) Delhi.
 - **Deepika Pawar**, B.Sc (Hons.) Zoology II year awarded **Summer Research Fellowship 2018 by Science Academies'** (Indian Academy of Sciences, Bangalore; Indian National Science Academy, Delhi & The National Academy of Sciences, Allahabad) under **Dr. Beena Pillai**, Institute of Genomics & Integrative Biology (IGIB) Delhi.
 - **Aryaditi Jena**, B.Sc (Hons.) Zoology II year awarded **Summer Research Fellowship 2018 by Science Academies'** (Indian Academy of Sciences, Bangalore; Indian National Science Academy, Delhi & The National Academy of Sciences, Allahabad) under **Prof. Parimal Das**, Banaras Hindu University (BHU).
 - **Sneha Bisht**, **Abhay Verma** of B.Sc (Hons.) Zoology II year and **Rohan Bahl**, B.Sc (Hons.) Zoology I year were selected for a **project presentation (*prepared under the aegis of DBT Star College Scheme*)** on **“Effects of different acoustic treatments on growth & biosynthetic capabilities of unicellular & multicellular forms”** in **National Science Day 2018** celebration organized by ‘Indian National Science Academy’, Delhi, ‘Indian Academy of Sciences’, Bengaluru and the University of Delhi on February 28, 2018 at INSA, Delhi.
 - **Under the aegis of DBT Star College Scheme**, **Deepika Pawar** and **Kavita** of B.Sc (Hons.) Zoology II year participated and won **1st** prize in the **debate competition** on **“Scientific Issues for Development of a Nation”** in **National Science Day 2018** celebration organized by ‘Indian National Science Academy’, Delhi, ‘Indian Academy of Sciences’, Bengaluru and the University of Delhi on February 28, 2018 at INSA, Delhi.

ACHIEVEMENTS OF THE FACULTY

“Academic success depends on research and publications.” (*Philip Zimbardo*). In a scientific idea, it is the extent to which it stimulates thought and opens up new lines of research. The academic achievement of the faculty has been enumerated in terms of Research Guidance, Distinctive Achievements, Paper Presentation, Invited Lectures / Talks and so on.

RESEARCH GUIDANCE

1. Dr. Manoj Saxena

- Ajay Vishwakarma and **Neha** have been enrolled for Ph.D program (Electronics) at Department of Electronic Science, University of Delhi under his supervision.
- One of his students (Mr. Ajay) has been awarded Ph. D degree in Electronics who is currently Post-Doctoral Fellow at IISC, Bangalore.
- Mr. Abhineet Sharan, B. Tech ECE, PDPM Indian Institute of Information Technology Design and Manufacturing, Jabalpur and Ms. Lakshmi Varshika M, B.E.(EEE), BITS Hyderabad, selected by joint science academies panel of IASc, INSA and NASI, successfully completed their internship under his supervision during May 2017-July 2017.
- He is also the Co-Principal Investigator in CSIR funded major research project entitled “*Modelling and Simulation Gate Electrode Engineered and Dielectric Pocket Steep Threshold swing Device for Low Power Digital Circuit Design and Optical Applications*”.

2. Dr. Neeraj Tyagi

Ajit Singh has been registered for Ph.D program (Electronics) under his supervision at the Department of Electronic Science, University of Delhi

3. Dr. Yogieta Mehra

- One of her students, Manisha Bansal was awarded Ph.D degree.
- Kavita Gupta is pursuing Ph.D under her supervision.

4. Dr. Mahaveer Genwa

Guided two M.Sc. (Chemistry) students, Ritesh Sharma and Sagar Panchal, of NIT Hamirpur during their summer internship project for 45 days

5. Dr. Ravinder Kaur

Swati Kumari has been registered for Ph.D under her supervision at the Department of Electronic Science, University of Delhi.

6. Dr. Sanjay Kumar Pant

- One of his students, Gopal Dutt was awarded Ph.D degree.
- Ramanpreet Kaur registered for her Ph.D under his supervision.
- Sakshi Jain registered for her Ph.D under the joint supervision of Dr. S.K.Pant and Dr. Tarun Das.
- Three students, Poonam Rani, Kushal Lalwani and Manisha Saini are undergoing Ph.D under his supervision.

DISTINCTIVE ACHIEVEMENTS

❖ Board of Governors

Dr. Manoj Saxena has been elected as **Member of Board of Governors** (2018-2020) of **IEEE Electron Device Society, USA** which has 11,000 members worldwide covering USA, Europe, Asia and Africa.

❖ Patents

Dr. Sunny Manohar co-authored a **US patent and an Indian patent**.

- Diwan S. Rawat, **Sunny Manohar**, Ummadisetty Chinna Rajesh, Deepak Kumar, Anuj Thakur, Mohit Tripathi, Panyala Linga Reddy, Shamseer Kulangara Kandi, Satyapavan Vardhineni, Kwang-Soo Kim, and Chun-Hyung Kim; **“Aminoquinoline derivatives and uses thereof”**; United States Patent US9567316B2 (2017).
- Diwan S. Rawat, **Sunny Manohar**, Ummadisetty Chinna Rajesh **“Aminoquinoline based hybrids and uses thereof”** Indian Patent Application 661/DEL/2012 (Patent No. 283657; Date of Certificate Issue: May 29, 2017).

❖ Awards

Dr. Charu Kalra has been awarded **“Meritorious Lecturer Award”** by Government of NCT of Delhi for the year 2016-17. The award comprises of a certificate and a cash prize of Rupees 1 Lakh

❖ Professional Exchange Program

Dr. Monika Bansal, was invited by United States Department of State to visit the United States under the auspices of their **International Visitors Leadership Program (IVLP)** for a three-week program entitled **“Furthering the U.S. - India Relationship through Higher Education”** from March 19-April 6, 2018. IVLP is one of the U.S. government's most prestigious professional exchange program that aims to explore and increase understanding of internationalization of higher education, values and culture. As a part of the program she visited Washington DC, Boston, New Hampshire, Chicago and Portland.

❖ Projects

- **Dr. Kulvinder Singh** has been sanctioned a sum of Rs. 2.4 lakhs grant under Research Award Scheme of Research Endowment Fund of the College (2018-20) for his project entitled **“Fabrication of Hybrid Air Purifier”**.
- **Dr. Himanshu P Roy** has been sanctioned a sum of Rs. 2.0 lakhs grant under Research Award Scheme of Research Endowment Fund of the College (2018-20) for his project entitled **“Political Ideas of Kabir”**.
- **Dr. Shailly Anand** has been sanctioned a sum of Rs. 2.0 lakhs grant under Research Award Scheme of Research Endowment Fund of the College (2018-20) for her project entitled **“Study of Bacterial Community Structure at polluted site in Delhi or adjoining areas”**.

❖ Doctor of Philosophy

- **Ms. Vandana Sharma** was awarded her Degree of **Doctor of Philosophy** on the topic “*Carbon Sequestration in Reserve forest and adjacent disturbed sites at Southern Delhi Ridge*” by Kurukshetra University on May 26, 2017.
- **Pramod Kumar** successfully **submitted** his Ph.D. thesis entitled “*Study of Aerosol Optical Properties and Fine Mode Fraction variations over Delhi using MODIS data*”, for the award of the degree of Doctor of Philosophy in Environmental Sciences from University School of Environment Management (USEM), Guru Gobind Singh Indraprastha University on February 23, 2018.

MEMBERSHIP OF PROFESSIONAL BODIES

1. **Manoj Saxena** has been elected as Fellow of Institution of Electronics and Telecommunication Engineers (IETE) (F 500322).
2. **Mamta Amol Wagh** became Life Member of Indian Mathematical Society (IMS), Allahabad (Membership No. N-09-066) and Life Member of Indian Science Congress Association (ISCA), Kolkata (Membership No. L14981).
3. **Poonam Garg** became Life Member of Indian Science Congress Association (ISCA), Kolkata (Membership No. L13323).
4. **Vipin Kumar Meena** became Life member of Indian Institute of Banking and Finance, (500178204) and Life member of Indian Accounting Association (Membership No. DH-306).
5. **Dr. Mahaveer Genwa** is Life Member of Indian Science Congress (Membership No. L30775) and Life Member of the Indian Society of Analytical Scientists (ISAS)(Membership No. LMT 2017/07).
6. **Dr. Kapil** took Lifetime membership of Association of Carbohydrate Chemists and Technologists, India (ACCTI).
7. **Dr. Vandana Sharma** is Life Member of the Indian Science Congress.
8. **Dr. Poonam Kasturi** is Life Member of Institution of Electronics and Telecommunication Engineers (IETE).
9. **Dr. Ravinder Kaur** is Life Member of Semiconductor Society of India (SSI).
10. **Dr. R.M. Bharadwaj** was elected member of the Asiatic Society, Kolkata.
11. **Dr. Sanjay Kumar Pant** is:
 - Life member Indian Mathematical Society
 - Life Member Ramanujan Mathematical Society
 - Member American Mathematical Society.

MEMBERSHIP OF ACADEMIC BODIES/COMMITTEES OF UNIVERSITY OF DELHI

1. **Ankit Rajpal** and **Rajni Bala** are Professional Members of Association of Computing Machinery (ACM).
2. **Anita Gulati** served as member, Curriculum Development Committee and the Committee of Courses of Zoology, Department of Zoology, University of Delhi.

- Anuja Soni** served as member, Committee of Post-Graduate and Honours Courses, 2016-2017, 2017-2018, Department of Computer Science, University of Delhi.
- Arpita Sharma** served as member, Board of Research studies, Faculty of Mathematical Science during October 2015-October 2017 and member of Departmental Research Committee, Computer Science Department, University of Delhi during October 2015-October 2017.
- Krishna Bansal** served as member, of Committee of Courses of Zoology, Department of Zoology, University of Delhi.
- Monika Bansal** is currently member of Faculty of Management Studies, University of Delhi till 2019. She is also the coordinator and member for Course Development/Syllabus Revision for BMS papers under CBCS.
- Sudhir Verma** is currently Member of Committee of Courses for Undergraduate and Postgraduate Courses of Zoology, University of Delhi for two years from December 20, 2017 to December 18, 2019.
- Sujata Khatri** served as member, Committee of Courses and Studies for Undergraduate Courses, Department of Computer Science, University of Delhi in 2017.
- Dr. Ravinder Kaur** is member of committee of courses, Department of Electronic Science, University of Delhi, South Campus.

AWARDS/PRIZE

- Dinesh Kumar** was awarded **A. Narsinga Rao Memorial Prize** (for the year 2015) in September 2017 for the paper "**On dynamics of semiconjugated entire functions**" published in the JIMS Vol. 82 (1-2), pp. 53-59, 2015.
- Sudhir Verma** was selected for **Summer Research Fellowship-2017** from Science Academies (IASc-INSA-NASI) for 2 months at Goa University, Goa.

INVITED LECTURES /TALKS

- Dinesh Kumar** delivered invited talk on "*The dynamics of semigroups of transcendental entire functions*" in 83rd Annual Conference of the Indian Mathematical Society-An International Meet-2017, held at Sri Venkateswara University, Tirupati from December 12-15, 2017.
- Monika Bansal** delivered a lecture at Apeejay School of Management, Dwarka on January 29, 2018 on the topic "*Importance of Research for Entrepreneurs*" for PGDM students and another on February 5, 2018 on the topic "*Employee Selection Process*".
- Rakesh Kumar** Co-Chaired a technical session at International Conference on "*Emerging Disclosures in Social Sciences and Management*", organized by Society for Policy Research and Empowerment, New Delhi on January 19-20, 2018.
- Shweta, Sujata Khatri and Ankit Rajpal** were resource persons in workshop entitled "*Linux Foundation Training*" organized by Science Foundation of the College on March 29-30, 2017 and in another workshop held on August 18, 2017.
- Sudhir Verma** as an Invited Speaker presented a talk on "*Epigenetics and Inflammation: Understanding the link via Sepsis*" in National Symposium on 'Epigenetic Regulation of Inflammation- the Shotha' organized by Molecular Biology Unit, Institute of Medical Sciences, Banaras Hindu University on February 07, 2018.

6. **Vipin Kumar Meena** was invited as
- i. Guest Speaker on “*Banking Reforms (FRDI Bill, NPAs, Digital Banking)*” in One Day National Seminar on The New India: A Business Perspective organized by Jagannath International Management School (JIMS) at Deshmukh Auditorium, India International Centre, New Delhi on March 15, 2018.
 - ii. Resource Person in One Day Multidisciplinary National Seminar on “*Women Empowerment: Traditions and New Dimensions*” organized by S.D. College of Women, Moga (Punjab) on March 10, 2018.
 - iii. An expert in **Choupal**, television programme aired on Doordarshan on “*Sashakt Mahila-Sashakt Samaj*” Live Broadcasted from Doordarshan Kendra, Jaipur (Rajasthan) on March 5, 2018 at 4:30 pm IST.
 - iv. Resource Person in One day Workshop on “*Research Methodology and Data Analysis by using SPSS*” organized by Shri Shivaji College of Arts, Commerce and Science, Akola (Maharashtra) on February 3, 2018.
7. **Manoj Saxena** delivered **IEEE Distinguished Lectures** on:
- i. “*Modeling and Simulation of Tunnel Field Effect Transistor as a Biosensor*” at one day workshop on compact modeling (including device simulation) at IIT Kanpur on 3rd March, 2017 organized by ED Uttar Pradesh Section - Kanpur Chapter Kanpur, Uttar Pradesh, India.
 - ii. “*Dielectric Pocket MOSFET: A Novel Device Architecture*” at 7th IEEE ED Mini-Colloquium ON Quantum Devices held at March 7, 2017 at National Institute of Science and Technology, Palur Hills, Berhampur, Odisha.
 - iii. Delivered invited talk on “*Application of Tunnel Field Effect Transistor as a Biosensor*” at 2nd International Conference “2017 Devices for Integrated Circuit (DevIC)”, held at Kalyani Government Engineering College from March 23-24, 2017, organized by IEEE KGEC Student Branch Chapter in association with Department of ECE, KGEC, technically co-sponsored by IEEE EDS Kolkata Chapter.
 - iv. “*Embedded Insulator based Novel Nanoscaled Novel MOSFET Structures*” on March 25, 2017 at Meghnad Saha Institute of Technology, Kolkata organized by ED Meghnad Saha Institute of Technology Student Branch Chapter, Kolkata, India.
 - v. “*Fundamental Insights into Channel and Gate Engineered Double Gate Junction-Less Transistor for Low-Voltage Low-Power Analog and Digital Circuits*” on April 14, 2017 at DAIICT organized by ED/SSC Gujarat, India.
 - vi. “*Fundamental Insights into Channel and Gate Engineered Double Gate Junction-Less Transistor for Low-Voltage Low-Power Analog and Digital Circuits*” on May 12, 2017 at Muffakham Jah College of Engineering and Technology (MJCET), Banjara Hills, Hyderabad, AP. 500034.
 - vii. “*Impact of Dielectric Pocket on Different Gate Geometry MOSFET Architectures for Improved Analog and Digital Performance*” on May 12, 2017 at Vasavi College of Engineering, Banjara Hills, Hyderabad, Andhra Pradesh.
 - viii. “*Modeling and Simulation of Tunnel Field Effect Transistor as a Biosensor*” on June 23, 2017 at CSIR-CEERI, Pilani.
 - ix. “*Fundamental Insights into Channel and Gate Engineered Double Gate Junction-Less Transistor for Low-Voltage Low-Power Analog and Digital Circuits*” on June 24, 2017 at Poornima University, ISI-2, RIICO Institutional Area, Sitapura, Jaipur (Rajasthan)

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- x. “*Research opportunities in Electron Devices*” on August 29, 2017 at Department of Electronics and Communication, Model Institute of Engineering & Technology(MIET), Jammu.
- xi. “*Best Practices in Writing IEEE Conference / Journal Papers*” on August 29, 2017 at Department of Electronics and Communication, Model Institute of Engineering & Technology(MIET),Jammu.

He also delivered **Invited talks** on

- xii. “*Best Practices in Writing Journal/Conference papers in Electron Devices*” on July 02, 2017 in CAS/EDS Research Forum Organised by IEEE Joint chapter of CAS/ED Societies, Hyderabad Section.
 - xiii. “*Research opportunities in Electron Devices*” on July 02, 2017 in CAS/EDS Research Forum organized by IEEE Joint chapter of CAS/ED Societies, Hyderabad Section.
 - xiv. “*Modeling and simulation of Gate Electrode Engineered Double Gate Junctionless Transistor*” on July 21, 2017 in IEEE MQ organized by Heritage Institute of Technology, Kolkata.
8. **Dr. Nisha Rana** was invited as:
- i. Resource person at National Workshop on “*Mainstreaming Gender in Higher Education*” organized by Women’s Studies Research Centre, Kurukshetra University, Kurukshetra on September 15, 2017.
 - ii. Panelist in a Panel Discussion on ‘*Gender & Space*’ in the Annual Interdisciplinary Conference Gender and Space: Resistances and Development organized by Kirori Mal College, University of Delhi on October 12, 2017.
 - iii. Session Chair in National Seminar on “*Contemporary Strategies for Sustainable Development: Marketing and HR*” organized by Department of Management Studies, Deen Dayal Upadhyaya College, University of Delhi on November 10, 2017.
9. **Dr. Poonam Kasturi** was the Resource Person for fourth workshop on “*VHDL Programming & Digital Circuit Designing*” organized by Science Foundation, Deen Dayal Upadhyaya College, University of Delhi on September 26 – 27, 2017.
10. **Dr. H.P. Roy** was invited as speaker on “*Indian Political Thought*” at India Habitat Centre in the Delhi Literary Festival on November 23, 2017.
11. **Dr. Hem Chand Jain** was **invited to chair** a Technical Session in National Seminar on “*Emerging Scenario in Tax Reforms: Goods and Service Tax*” organised by Faculty of Commerce and Management, Chaudhary Ranbir Singh University, Jind, Haryana, on March 22, 2018.

BOOKS/MONOGRAPHS/CHAPTERS

- 1. Prashant Singh, **Kamlesh Kumari**, Vijay K. Vishvakarma, Sangeeta Aggarwal, Anita Yadav (2017), “*Nanotechnology and its impact on Insects in Agriculture*”, Trends in Insect Molecular Biology: Contemporary Molecular Research on Insects, Chapter 17, 351-376.
- 2. Prashant Singh, **Kamlesh Kumari**, Vijay K. Vishvakarma, Gopal K. Mehrotra, Durgesh Kumar, Vaishali Sahare, Ramesh Chandra (2017), “*Metal NPs (Au, Ag, and Cu): Synthesis,*

- Stabilization, and Their Role in Green Chemistry and Drug Delivery*”, Chapter 14, Green Technologies and Environmental Sustainability.
3. **Monika Bansal and Sangeeta Mohan** (2018), 1st Edition, “*Industrial Relations & Labour Legislations*”, Falguni Publishers and Distributors, ISBN: 978-93-85494-29-1.
 4. **Priya Goel** (2017), “*Immune Response to parasitic infections*”, Under MHRD Project entitled National Mission on Education through ICT; in Virtual Learning Environment at Institute of Life Long Learning, University of Delhi (in review process).
 5. **Renu Solanki**, Sudhida Gautam, Monisha Khanna (2017), “*Molecular mechanism for regulation of gene expression in eukaryotes: Chromatin Remodeling*”, (Module 17) in Paper 16: Molecular Genetics in MHRD project e-PG Pathshala.
 6. Sudhida Gautam and **Renu Solanki** (2017), “*Structural organization of Genome: Genome Structure and Organization*”, (Module 3) in Paper 16: Molecular Genetics in MHRD project e-PG Pathshala.
 7. **Sangeeta Mohan and Inakshi** (2018), 1st Ed., “*Human Resource Management*”, Sunjoy Publishers and Distributors, ISBN 978-93-87225-04-6.
 8. **Sangeeta Mohan**(2017), “*Afghanistan towards Stability: Role of America, Russia and India*”, Falguni Publishers and Distributors, ISBN: 978-93-85494-20-8.
 9. **Sangeeta Mohan** (2017), “*08-11-2016: Rising India*”, Rudra Publishers and Distributors ISBN: 978-93-85496-20-2.
 10. **Sangeeta Mohan** (2017), “*History of Indian Cricket*”, Lenin Media Pvt Ltd, ISBN: 978-93-85995-21-7.
 11. **Sangita and Vaishali Kapoor**(2017), “*Introductory Macro Economics*”, Taxmann Publications Pvt. Ltd., ISBN : 9789386882592.
 12. **Sudhir Verma** (2017), Module 22: “*Transplantation Immunology*” from Zoology paper 010, Immunology in MHRD project e-PG Pathshala.
 13. **Sudhir Verma** (2017), Module 26: “*Immune responses to bacterial infections*” from Zoology paper 010, Immunology in MHRD project e-PG Pathshala.
 14. **Sudhir Verma** (2017) Module 14 “*Regulation of gene expression in prokaryotes: Lac Operon*” from Paper 016, Molecular Genetics in MHRD project e-PG Pathshala for post-graduate students.
 15. Rashmi Agrawal and **Yogieta S Mehra** (2017)1st Edition, “*Project Appraisal and Management*”, Taxmann Publications Pvt. Ltd., ISSN No. 978-93-86882-14-1.
 16. P. Srivastava, R. Singh, S. **Tripathi**, H. Singh, & A.S. Raghubanshi (2018), “Understanding the Complex Interaction Between Soil N Availability and Soil C Dynamics Under Changing Climate Conditions” in Soil Management and Climate Change, Elsevier, pp. 337-348, DOI:<https://doi.org/10.1016/B978-0-12-812128-3.09999-7>.
 17. **SN Tripathi**, R. Bahdauria, P. Srivastava, R. Singh and A.S. Raghubanshi (2017), “Determinants of Tree seedling growth in tropical dry forest” in Advances in Plant Physiology Series 17, Scientific Publishers (India), ISBN: 97893836924.
 18. **Dr. Veena Jain** co-authored and published one book entitled “*Optimization Using Linear Programming (Through Software)*”.
 19. **Dr. R. M. Bharadwaj** (2017), “*Dana: Gifts and Grants in the name of the Buddha Bhatlarak in the Vrata System of Brahmanical Religion During Early Medieval India: A*

- New Perspective*” in Dr. Anand Singh (ed.) Dana – Reciprocity and Patronage in Buddhism, Primus Books, Delhi, pp 218 – 227, ISBN: 978-73-84092-32-0.
20. **Dr. Hem Chand Jain** and HN Tiwari (2018), “*Fundamentals of Computer Application in Business*”, Taxmann Publications, Delhi, ISBN 9789386882516.
 21. **Dr. Hem Chand Jain** and HN Tiwari (2017), “*Basics of Computer Application in Business*”, Taxmann Publications, Delhi, ISBN 9789386635334.

PAPERS IN JOURNALS/PERIODICALS

1. Man Mohan, Arun Goyal, Indu Khatri, Shougaijm Somorendro Singh, **A.K. Singh** (2017), “*Collision strength and effective collision strength for Ba XLVIII*”, Canadian Journal of Physics, 95(2): 173-178, <https://doi.org/10.1139/cjp-2016-0513>.
2. Arun Goyal, Rinku Sharma, **A.K. Singh**, Man Mohan (2017), “*Fully relativistic atomic structure calculations for W XLIV for determination of plasma diagnostic terms*”, Canadian Journal of Physics, 95(10): 950-957, <https://doi.org/10.1139/cjp-2016-0812>.
3. Indu Khatri, Arun Goyal, **A.K. Singh**, Narendra Singh, Man Mohan (2017), “*Photoionization of Cl-like Ni XII using relativistic R-matrix close-coupling method*”, Canadian Journal of Physics, 95(11): 1136-1141, <https://doi.org/10.1139/cjp-2017-0021>.
4. Arun Goyal, Rinku Sharma, Indu Khatri, **A.K. Singh**, Shougaijm Somorendro Singh, Man Mohan (2017), “*Collision strength and effective collision strength for Br XXVII*”, Canadian Journal of Physics, 95(11): 1127-1135. <https://doi.org/10.1139/cjp-2017-0032>.
5. Arun Goyal, Indu Khatri, **A.K. Singh**, Rinku Sharma, Man Mohan (2017), “*X-ray diffraction patterns and diffracted intensity of Ka spectral lines of He like ions*”, Radiation Physics and Chemistry, Volume 138, Pages 16-21.
6. Indu Khatri, Arun Goyal, Mamadou Diouldé Ba, Maurice Faye, Malick Sow, Ibrahima Sakho, **A.K. Singh**, Man Mohan, Ahmadou Wagué (2017), “*Screening constant by unit nuclear charge calculations of resonance energies and widths of the 3pns 1,3P° and 3pnd 1 P° Rydberg series of Mg-like (Z/413-26) ions*”, Radiation Physics and Chemistry, Volume 130, Pages 208-215.
7. **Ankit Rajpal, Anurag Mishra, and Rajni Bala** (2017), “*Bi-directional extreme learning machine for semi-blind watermarking of compressed images*”, Journal of Information Security and Applications, Vol. 38, p71-84, ISSN: 2214-2126 DOI: <https://doi.org/10.1016/j.jisa.2017.11.008> (Impact Factor: 1.65, Source Normalized Impact per Paper (SNIP): 1.186, SCImago Journal Rank: 0.377).
8. **Varnika Bhatia** and R. Bhattacharya (2018), “*Host mediated silencing of cuticular protein gene impaired fecundity in green peach aphid Myzus persicae*”. Pest Management Science, Wiley Online Library, ISSN: 1526-4998, Impact factor 3.253.
9. **Dinesh Kumar and Sanjay Kumar** (2017), “*Semigroups of transcendental entire functions and their dynamics*”, Proceedings of Indian Academy of Sciences (Mathematical Sciences) vol.127(2), 349-360, Impact Factor-0.371, UGC Reference Number: 38533.
10. **Inakshi** (2017), “*Indian Demonetisation: A review of the 2016 financial hijack of the Indian Economy*”, INSPIRA- Journal of Modern Management and Entrepreneurship (JMME) Volume: 07 No. 03, Impact Factor of the Journal-2.0546 (45138).
11. **Inakshi** (2017), “*Mentoring’s impact on Leader Efficacy Development*”, INSPIRA - Journal of Commerce, Economics & Computer Science, Volume 03, No. 02, ISSN: 2395-7069, Impact Factor of the Journal-2.0546 (48314).

12. **Inakshi** (2017), “*Start-Up India: Strategies, Opportunities And Challenges*”, INSPIRA- Journal of Modern Management and Entrepreneurship (JMME), Volume 07, No. 04, ISSN: 2231-167X, Impact Factor of the Journal-2.0546 (45138).
13. **Inakshi** (2017), “*Social Impact of Food Advertising: A Study*”, PEZZOTTAITE JOURNALS, International Journal of Applied Services Marketing Perspectives, Volume 6, Number 2, ISSN: 2279-0918.
14. **Inakshi** and Deepti Gupta (2017), “*Social Media Marketing: A Review on Trends, Directions & Diffusion*”, Inspira- Journal Of Commerce, Economics & Computer Science, Volume 03, No. 02, ISSN: 2395-7069, Impact Factor of the Journal-2.0546 (48314).
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16. **Lalit Kumar**, August 16, 2017, “*Reforming Higher Education*”. *The Pioneer*. <http://www.dailypioneer.com/columnists/oped/reforming-higher-education.html>
17. **Lalit Kumar**, November 2, 2017, “*Breathing in Fear*”. *Deccan Herald*. <http://www.deccanherald.com/content/640562/breathing-fear.html>
18. **Ranbeer Kumar** (2017), “*Bharadwaj’s Omkara: Study of Contemporary Shakespearean act in North Indian Locale focusing on individual , society and infamous politics*”, New Man International Journals of Multidisciplinary studies, Online ISSN: 2348-1390. VOL. 4 ISSUE 5 Page 114- Page 121 UGC Ref No: 45886.
19. **Ranbeer Kumar** (2017), “*Manhattan Transfer: its narrative technique and tracing the protagonist*”, New Man International Journals of Multidisciplinary studies. Online ISSN: 2348-1390 Impact Factor: 4.321 (IIJIF) VOL 4 ISSUE 5 Page 122- Page 126 UGC Ref No: 45886.
20. **Ranbeer Kumar** (2017), “*9/11: A Lethal Blow on Humanity and a date which ethal blow on humanity and a date which will continue living in infamy*”, Scholarly Research Journal for Humanity Science & English Language. ISSN: 2348-3083. VOL. 4/21. Page 5056- Page 5065 UGC Ref No: 48612.
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23. Vijay Kumar Vishvakarma, Prashant Singh, **Kamlesh Kumari** and Ramesh Chandra (2017), “*Rational Design of Threo as Well Erythro Noscapines, an Anticancer Drug: A Molecular Docking and Molecular Dynamic Approach*”, *Biochemistry & Pharmacology* 6(3) 1-7.
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26. **Kamlesh Kumari**, Vijay K. Vishvakarma, Prashant Singh, Ramesh Chandra, Mohd. Athar, Durgesh Kumar (2017), "Sulphonylurea, Metformin, TZDs: Potential drugs to cure Diabetes", International Journal of Advanced Biomedicine 1", pp 25-31.
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- Brajesh Kumar Kaushik, Sudeb Dasgupta, Virendra Singh (Eds.), pp. 249-258, ISBN 978-981-10-7470-7. UGC Reference No. – 16246.
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 46. **Satyam Dwivedi** & Neeta Sehgal (2018), “*Scale of Murrel: A non-invasive approach to monitor heavy metals in freshwater*”, *Journal of Biological Sciences and Medicine*. Vol. 3(3):15-23, UGC ISSN No.-2455566.

47. Helianthous Verma, Abhay Bajaj, Roshan Kumar, Jasvinder Kaur, **Shailly Anand**, Namita Nayyar, Akshita Puri, Yogendra Singh, Jitendra P. Khurana, Rup Lal, (2017), “*Genome Organization of Sphingobium indicum B90A: An Archetypal Hexachlorocyclohexane (HCH) Degrading Genotype, Genome Biology and Evolution*”, Volume 9, Issue 9, 1 September 2017, Pages 2191–2197, Impact Factor- 4.008.
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52. S. Kumar, M. Goyal, H. Vashisht, **V. Sharma**, I. Bahadur, E.E. Ebenso, (2017), “*Ionic Liquid(4-ethoxybenzyl)- triphenylphosphonium bromide as a green corrosion inhibitor on mild steel in acidic medium: experimental and theoretical evaluation*”, RCS Advances, 2017, 1-14.
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55. **Hem Chand Jain** & Sakshi Vasudeva (2018), “*Impact of Disclosures of Risk Factors on the Short Term under Pricing of Shares*”, Inspira-Journal of Modern Management and Entrepreneurship, ISSN: 2231-167X, Vol. 08 No. 01, pp 442-454, Impact Factor: 2.3982.
56. Anuja Soni, “*An Insight into CPUSim: Simulation of Machine Instructions*” (2017), International Journal of Innovations & Advancement in Computer Science, IJIACS, ISSN 2347 – 8616, Volume 6, Issue 8, 2017. (UGC reference number: 47464)

PAPERS IN CONFERENCE PROCEEDINGS

1. Richa Sharma, Shailendra Narayan Singh and **Sujata Khatri** (2017), “*Framework for Detection of Cardiac Disease by Interpreting ECG Signal*”, SMART–2017, Moradabad, U.P., December 29-30, 2017, ISBN: 978-1-5386-1903-2.
2. V. B. Singh, K. K. Chaturvedi, **Sujata Khatri**, and Meera Sharma (2017), “*Complexity of the Code Changes and Issues Dependent Approach to Determine the Release Time of Software Product*”, Proceedings of International Conference on Computational Science and Its Applications, pp. 519-529. Springer, Cham, 2017.
3. **Ankit Rajpal**, **Anurag Mishra**, **Rajni Bala** (2017), “*Fast digital watermarking of uncompressed colored images using bidirectional extreme learning machine*”, Proceedings

- of International Joint Conference on Neural Networks (IJCNN) 2017, pp. 1361 – 1366.
4. **Ankit Rajpal, Anurag Mishra, and Rajni Bala** (2017), "*Fast digital watermarking of uncompressed colored images using bidirectional extreme learning machine*", Proceedings of International Joint Conference on Neural Networks (IJCNN), pp. 1361-1366. IEEE, DOI: 10.1109/IJCNN.2017.7966011.
 5. **Monika Bansal** (2017),. "*Impact of Digital Era on Leadership*", National Seminar on Emerging Issues in Commerce and Management at Hansraj college, University of Delhi, pp. 191-197, ISBN 978-81-931842-9-5.
 6. **Krishna Mohan Sharma and Sangeeta Mohan** (2017), "*Job Satisfaction and Commitment of TV Journalists- A perspective of Team Dynamics in Indian Media*" in the Conference Proceedings titled Contemporary Strategies for Sustainable Development: HR and Marketing, ISBN 97-893-85494-2-53.
 7. **Krishna Mohan Sharma and Sangeeta Mohan** (2017), "*Role of Social Loafing in managing team dynamics during crisis: A study of Electronic Media*" in the Conference Proceedings titled Media Technology and Power of Politics organized by the Department of Mass Communication, Mizoram University ISBN 97-893-85494-02-6.
 8. Upasana, Sakshi Gupta, Rakhi Narang, **Manoj Saxena** and Mridula Gupta (2017), "*Modeling the Impact of Gate Misalignment in Tunnel Field Effect Transistors*", International Conference on Microelectronics Devices, Circuits and Systems (ICMDCS 2017) held at the VIT University, Vellore India from August 10-12, 2017.
URL:<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8211537&isnumber=8211527>. (10.1109/ICMDCS.2017.8211537).
 9. M. Lakshmi Varshika, Rakhi Narang, and **Manoj Saxena** (2017), "*Analytical Modeling and Simulation study of Homo and Hetero III-V Semiconductor based Tunnel Field Effect Transistor*", E-Proceeding of XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by SSPL and IIT Delhi during December 11-15,2017 at IIT Delhi.
 10. Vandana Kumari, Abhineet Sharan, **Manoj Saxena**, Mridula Gupta (2017), "*Study of Extended Back Gate Double Gate JunctionLess Transistor: Theoretical and Numerical Investigation*", E-Proceeding of XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by SSPL and IIT Delhi during December 11-15,2017 at IIT Delhi.
 11. Rakhi Narang, Gokulnath R, Mridula Gupta, and **Manoj Saxena** (2017), "*Analytical Model for Tapered Gate Electrode Double Gate MOSFET Incorporating Fringing Field Effects*", E-Proceeding of XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by SSPL and IIT Delhi during December 11-15,2017 at IIT Delhi.
 12. Ajay, Rakhi Narang, **Manoj Saxena** and Mridula Gupta (2017), "*Investigation of sensitivity of Gate Underlap Junctionless DG MOSFET for Biomolecules*", E-Proceeding of XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by SSPL and IIT Delhi during December 11-15,2017 at IIT Delhi.
 13. Avashesh Dubey, Rakhi Narang, **Manoj Saxena**, and Mridula Gupta (2017), "*Floating Gate Junction-less Double Gate Radiation Sensitive Field Effect Transistor (RADFET) Dosimeter: A Simulation Study*", E-Proceeding of XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by SSPL and IIT Delhi during December 11-15,2017 at IIT Delhi.

14. Vandana Kumari, **Manoj Saxena**, Mridula Gupta (2017), “*Optically Controlled Silicon On Nothing MOSFET-Numerical Simulation*”, E-Proceeding of XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by SSPL and IIT Delhi during December 11-15,2017 at IIT Delhi.
15. Upasana, Rakhi Narang, **Manoj Saxena**, Mridula Gupta (2017), “*Simulation Study on Stability aspect of Dual Metal Dual Dielectric based TFET Architectures against Temperature Variations*”, E-Proceeding of XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by SSPL and IIT Delhi during December 11-15,2017 at IIT Delhi.
16. **Neha**, Vandana Kumari, Mridula Gupta, **Manoj Saxena** (2018), “*Simulation Based Breakdown Voltage Analysis of 3-Step Field AlGa_N/Ga_N HEMTs*”, at 4th IEEE International Conference on Devices, Circuits and Systems (ICDCS'18) held at Karunya Institute of Technology and Science, Karunya Nagar, Coimbatore from. Page No- 169-173, ISBN – 978-1-5386-3476-9, March 16 - 17, 2018
17. **V. Sharma**, and S. Garg (2017), “*Green Marketing: The Next Logical Step towards Market Oriented Ecological Preservation*” in the Conference Proceedings titled Contemporary Strategies for Sustainable Development: Marketing and HR, ISBN 97-893-85494-2-53, November 10, 2017.
18. Basant Saini, Sugandha Sharma, **Ravinder Kaur**, Suchandan Pal, Avinashi Kapoor presented a paper on “*Optimization of polarization compensating interlayers for InGa_N/Ga_N MQW Solar Cells*” in the 2nd International Conference on Condensed Matter and Applied Physics (ICC-2017), Bikaner on November 24-25, 2017.
19. Sugandha Sharma, Basant Saini, **Ravinder Kaur**, Monika Tomar, Vinay Gupta and Avinashi Kapoor presented a paper on “*Growth of ternary Cd_xZn_{1-x}O thin films in oxygen ambient using pulsed laser deposition*” in the 2nd International Conference on Condensed Matter and Applied Physics (ICC-2017), Bikaner on November 24-25, 2017.
20. Basant Saini, Sugandha Sharma, **Ravinder Kaur**, Suchandan Pal, Avinashi Kapoor presented a paper on “*Optimization of InGa_N hetero-junction p-i-n solar cells*” in the 6th International Symposium on Integrated Functionalities (ISIF 2017), New Delhi on December 10-13, 2017.
21. Sugandha Sharma, Basant Saini, **Ravinder Kaur**, Monika Tomar, Vinay Gupta and Avinashi Kapoor presented a paper on “*Effect of oxygen pressure on growth of Cd_{0.05}Zn_{0.95}O thin films using pulsed laser deposition*” in XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by Solid State Physics Laboratory and Indian Institute of Technology Delhi in collaboration with Society for Semiconductor Devices and in association with Jamia Millia Islamia Delhi University, Semiconductor Society (INDIA) and Society for Information Display (SID) at IIT Delhi on December 11-15, 2017.
22. Basant Saini, Sugandha Sharma, **Ravinder Kaur**, Suchandan Pal, Avinashi Kapoor presented a paper on “*Improved extraction of photo-generated carriers in InGa_N MQWSC: Effect of staggered quantum wells with triple indium content*” at the XIX International Workshop on The Physics of Semiconductor Devices (IWPSD 2017) jointly organized by Solid State Physics Laboratory and Indian Institute of Technology Delhi in collaboration with Society for Semiconductor Devices and in association with Jamia Millia Islamia Delhi University, Semiconductor Society (INDIA) and Society for Information Display (SID) at IIT Delhi December 11-15, 2017.

ORAL PAPER PRESENTATION

1. **Ankit Rajpal** presented paper entitled “*Fast digital watermarking of uncompressed colored images using bidirectional extreme learning machine*” at International Joint Conference on Neural Networks” held at Alaska, USA from May 14-19, 2017.
2. **Anuja Soni** presented a paper titled “*Using Fuzzy Inference System in Evaluating and Predicting Customer Satisfaction*” in ICSSR sponsored National Seminar on Contemporary Strategies for Sustainable Development: Marketing and HR” held on November 10, 2017 at Deen Dayal Upadhyaya College.
3. Dr Samir and **Deepa Kamra** presented a paper titled “*E-payments: the new era of Payment Mechanisms in Indian Banking Industry*” in National Conference on “Managing Indian Economy-Challenges for Future” organized by Department of Management studies, DDU College on January 11, 2017.
4. **Monika Bansal** presented a paper titled “*Impact of Digital Era on Leadership*” at Hansraj College, University of Delhi in National Seminar on Emerging Issues in Commerce and Management on January 7, 2017.
5. **Monika Bansal** presented a paper titled “*Social Entrepreneurship: Road Ahead*” at Deen Dayal Upadhyaya College, University of Delhi in National Seminar on Managing Indian Economy Challenges for Future on February 11, 2017.
6. **Monika Bansal** presented a paper titled “*The Role of Social Media in Marketing*” at Deen Dayal Upadhyaya College, University of Delhi in National Seminar on Managing Indian Economy Challenges for Future on February 11, 2017.
7. **Monika Bansal** presented a paper titled “*Impact of Digital Era on Leadership*” at Guru Gobind Singh Indraprastha University, Delhi in National Conference on Embracing the Digital Era: Management Perspectives on January 13, 2017.
8. **Rakesh Kumar** presented a paper titled “*Dynamic Linkages of Indian stock market with the world equity market-An empirical study*” in the National conference organized by Galgotia University, Greater Noida during April 27-28, 2017.
9. **Rakesh Kumar** presented a paper titled “*Does Oil price shocks lead volatility in stock markets? –A Case of Asian Economies*” in National Research Conference on Managing Indian Economy-Challenges for Future organized by Department of Management studies, Deen Dayal Upadhyaya College on January 11, 2017.
10. **Rakesh Kumar** presented a paper titled “*How far regional trade integration has achieved in South Asia? An empirical study*” at International Conference on Emerging Disclosures in Social Sciences and management, organized by Society for Policy Research and Empowerment, New Delhi during January 19-20, 2018.
11. **Rakesh Kumar** presented a paper titled “*Risk, Uncertainty and Stock Returns of Emerging Equity Markets*”, 14th International Conference on Developments in Economic Theory and Policy jointly organized by University Del Pais Vasco, Spain and University of Cambridge UK during June 29-30, 2017.
12. Sakshi Garg, Aishwarya Kumar, Sudhir Verma, **Renu Solanki** (2017), “*Genital Tuberculosis: A cause of Infertility*”, National Symposium on “Reproductive health in India: Concerns and Awareness” held at Deshbandhu College, University of Delhi, Delhi, February 12, 2017.
13. Sudhir Verma, Aishwarya Kumar, Sakshi Garg, **Renu Solanki** (2017), “*Zika Virus and*

- Fetal Micocephaly: A cause or mere Co-incidence*”, National Symposium on “Reproductive health in India: Concerns and Awareness” held at Deshbandhu College, University of Delhi, Delhi, February 12, 2017.
14. **Vipin Kumar Meena** presented a paper on “*The Changing Banking Practices: A Gender Perspective & Analysis of Women Bank in India*” in the Capacity Building Program on Industrialization, Corporate Sector and Development at ISID, New Delhi.
 15. **Yogieta S Mehra** presented paper on “*Relationship between Financial Development and Economic Growth*” at National Conference organized by Department of Management Studies, Deen Dayal Upadhyaya College on February 11, 2017.
 16. **Mahaveer Genwa** presented a paper on “*Post Antibiotic Era: A Big Challenge*” at the International conference on “ETDDNP-2018”, Department of Chemistry, Delhi University during January 12-14 2018.
 17. **Mahaveer Genwa** presented a paper on “*Solar Energy: Natural Source for Sustainable Energy in Future*” in the International Conference held at Shyam Lal College, University of Delhi during March 5 – 6, 2018.
 18. **V. Sharma** presented a paper on “*Integrating REDD+ into Indian Protected Area Management*” at National Conference on “New Horizons in Technology for Sustainable Energy and Environment” (NHTSEE 2017) held at YMCA University of Science and Technology, Faridabad on March 9-10, 2017.
 19. **Dr. Ravinder Kaur** presented a paper entitled “*Effect of substrate temperature on structural, optical and electrical properties of ternary Cd_{0.05}Zn_{0.95}O thin films for photovoltaic applications*” in 6th International Symposium on Integrated Functionalities (ISIF 2017), New Delhi on December 10-13, 2017.
 20. **Dr. R.M. Bharadwaj** presented a paper entitled “*Religious Ethics in Deed: Revisiting the Welfare Centric Projects of Four Buddhist Emperors in South and South-east Asia between the 3rd Century B.C.E. – 12th Century C.E.*” in International Conference on Buddhism: Traditions, Ideologies and Dissent at the School of Buddhist Studies and Civilization, Gautam Buddha University, Greater Noida, UP on September 7-9, 2017.
 21. **Ms. Chimat Ladol** presented a paper entitled “*An Ever Missing Human Security: A case of the Palestinians*” at 7th Istanbul Human Security Conference, Istanbul, Turkey from October 18 – 20, 2017.
 22. **Dr. Hem Chand Jain** presented a paper entitled “*Sectoral Implications of Indian Demonetization*” at the 40th All India Accounting Conference and International Seminar on Accounting Education and Research organised by the University College of Commerce and Management Studies, Mohan Lal Sukhadia University, Udaipur on November 18, 2017.
 23. **Neha** presented a paper entitled “*Simulation Based Breakdown Voltage Analysis of 3-Step Field AlGaIn/GaN HEMTs*”, at 4th IEEE International Conference on Devices, Circuits and Systems (ICDCS'18) held at Karunya Institute of Technology and Science, Karunya Nagar, Coimbatore from March 16 - 17, 2018. Page No- 169-173, ISBN – 978-1-5386-3476-9.

POSTER PRESENTATION

1. **Varnika Bhatia** (2017), “*Assessment and conservation of Indian Ephedra species through DNA barcoding: a review*” at XXVII Annual Conference of Indian Association for

- Angiosperm Taxonomy & International Symposium on Plant Systematics: Priorities and Challenges, November 10-12, 2017 organized by Department of Botany, University of Delhi.
2. **Varnika Bhatia** (2018), “*Understanding the growth of Vigna aconitifolia seedlings using statistical tools*” at National Conference on Challenges and Strategies to Improve Crop Productivity in Changing Environment, January 12, 2018 organized by Department of Botany, Zakir Husain Delhi College, University of Delhi.
 3. **S. Kumar, R.K. Sanayaima and S.N. Tripathi** (2017), “*Agro-morphological Study on Induced Mutants and Mutant Hybrids in Lentil (Lens culinaris Medik.)*” in XXXX All India Botanical Conference & National Symposium on "Evaluation and Conservation of Plant Germplasm" September 15-17, 2017 Punjabi University, Patiala-147 002.

PARTICIPATION OF FACULTY MEMBERS IN SEMINAR / CONFERENCES / WORKSHOPS ETC.

1. **Poonam Garg**, participated in
 - i. Seminar on “Technical Terminology and Science Teaching” organized by Commission for Scientific and Technical Terminology at Zakir Husain Delhi College (DU), during February 22-23, 2017.
 - ii. National Conference on “Advances in Applied Mathematics and Statistics” (NCAAMS-2017) and **chaired a session** at the conference organized by Mata Sundri College for Women (University of Delhi), during September 7-8, 2017.
2. **Mamta Amol Wagh**, attended
 - i. “*Lecture Workshop on Women in Science: A Career in Science*” held during September 06, 2017 at Deen Dayal Upadhyaya College, University of Delhi.
 - ii. “*Lecture Workshop on Women in Science: A Career in Science*” held during August 10 – 11, 2017 at Deen Dayal Upadhyaya College, University of Delhi.
 - iii. “*DST sponsored Third Lecture Workshop on Trans – disciplinary Areas of Research and Teaching by Shanti Swaroop Bhatnagar Awardees*” held on September 15 – 16, 2017 at Deen Dayal Upadhyaya College, University of Delhi.
3. **Rashmi Gupta** attended Faculty Development Programme on “*Statistical Computing Software R*” organized by Department of Mathematics, Keshav Mahavidyalaya, University of Delhi on March 24, 2017.
4. **Tarachand Prajapati** attended “*International Workshop on Recent Advances in Operator Semigroups*” at Department of Mathematics, University of Delhi, during December 18-21, 2017.
5. **Dinesh Kumar** participated in
 - i. Instructional School for Teachers on “*Groups and Rings*”, held at Himachal Pradesh University, Shimla from June 5 -17, 2017.
 - ii. Advanced Instructional School on “*Ergodic Theory & Dynamical Systems*” held at Department of Mathematics, IIT Delhi held during December 4-23, 2017.
 - iii. 83rd Annual Conference of the Indian Mathematical Society-An International Meet-2017, held at Sri Venkateswara University, Tirupati held during December 12-15, 2017.
6. **Arpita Sharma, Shweta, Anuja Soni, Sujata Khatri and Preeti** attended the two days 2nd International Workshop on “*Big Data Analytics (WBDA-2017)*” held on March 17-18

2017, Jawahar Lal Nehru University, Delhi.

7. **Arpita Sharma** attended 5th International Conference on “*Issues and Challenges in Doctoral Research (ICICDR-2017)*” on August 25, 2017 organized by ITM University at Jawahar Lal Nehru University, Delhi.
8. **Shweta, Sujata Khatri, Anuja Soni, Ankit Rajpal and Preeti** participated in two days workshop on “*Internet of Things*” at Deen Dayal Upadhyaya College on March 6-7, 2017.
9. **Arpita Sharma and Anuja Soni** organized one day workshop on “*Industry Orientation for Computer Science Undergraduate Students*”, by IQAC and Dept of Computer Science on February 4, 2017 which was attended by **Shweta, Sujata Khatri, Ankit Rajpal**.
10. **Shweta, Sujata Khatri and Anuja Soni** participated in one-week Faculty Development Programme on “*Data and Text Analytics using R*”, organized by Delhi Institute of Advanced Studies, Rohini, Delhi from May 29 – June 30, 2017.
11. **Sujata Khatri, Anuja Soni and Preeti** participated in the two days workshop on “*Cisco Networking*” organized by Department of Computer Science of DDU College-University of Delhi on October 12-13, 2017 in association with IBNC India and I-Medita Learning Solutions (P) Limited.
12. **Anuja Soni** attended one day workshop on “*Quantitative Decision Making using @Risk and Eviews*” conducted by Professor Pankaj Sinha (FMS) at DDU College on September 13, 2017.
13. **Rajni Bala and Preeti** attended 5 days FDP on “*Data Science & Big Data Analytics*”, conducted by ICT Academy at HMR institute of Technology and Management, Delhi from November 27 to December 1, 2017.
14. **Arpita Sharma and Rajni Bala** attended and one full day program “*Bridge-18*” on the theme “Future of Work” organized by ICT Academy at Hyatt Regency, Delhi on January 24, 2018. It was a Government supported platform for Industry Academia Interaction.
15. **Dr. Arpita Sharma** attended, as the coordinator from DDUC, the coordinators meet and a presentation on “*Trailhead*” a mobile application to learn about 270 modules of skills needed by Salesforce Company (Salesforce is the world’s #1 Customer Relationship Management (CRM) platform) organized by ICT Academy at the Park Hotel, Delhi on January 11, 2018.
16. **Rakesh Kumar** attended
 - i. UGC sponsored Faculty Development Programme “*Asset Pricing and Arbitrage Strategies*” at Sri Guru Gobind Singh Khalsa College (University of Delhi) from December 14-20, 2016
 - ii. Three days Workshop on Preparation of Disaster Management Plan, organized by Directorate of Training: Union Territories Civil Services during January 16-18, 2017.
17. **Vipin Kumar Meena** attended
 - i. One Day Workshop on “*Trade & Development*” Organised by Centre for Development Economics, Delhi School of Economics, University of Delhi on October 23, 2017.
 - ii. 7 Days Workshop on “*Contemporary Themes in India’s Economic Development and the Economic Survey*” at Indian Institute of Technology, Delhi from June 11, 2017 to June 17, 2017.
 - iii. Two Weeks Capacity Building Program on “*Industrialisation, Corporate Sector and Development*” Sponsored by Indian Council of Social Science Research (ICSSR),

- Ministry of Human Resource Development, Government of India at Institute for Studies in Industrial Development (ISID), New Delhi from May 22, 2017 – June 7, 2017.
- iv. One Week Workshop on “*Research Methodology and Data Analysis using SPSS & AMOS*” organized by Department of Management, School of Management & Business Studies, Jamia Hamdard, New Delhi, India from March 14, 2017 – March 19, 2017.
 - v. Three Days Workshop on “*Spiritual Values and Ethics*” sponsored by UGC at Centre for Professional Development in Higher Education (UGC-HRDC), University of Delhi, New Delhi from March 1, 2017 – March 3, 2017.
 - vi. One Day “*Training Workshop on NPTEL*” organised by IIT, Kanpur held at Jaipur Engineering College, Jaipur on November 25, 2017.
18. **Krishna Bansal** participated in International Conference And Outreach Program “*Environment & Ecology: Sustainability And Challenges*” (ENCON 2017 – held at Sri Venkateswara College, New Delhi from January 4-6, 2017.
 19. **Krishna Bansal** and **Shailly Anand** participated in Indo-US Workshop International Symposium on “*Biological Timing and Health Issues in the 21st Century*”, organized by Department of Zoology at the University of Delhi, Delhi (India) from February 21-24, 2017.
 20. **Krishna Bansal** participated in Pre-Conference Workshop at IIC-2017 on “*Hands on to Computational Biology for (Meta) Genomics Analysis*” held on September 26, 2017, at University of Delhi, India.
 21. **Krishna Bansal** and **Shailly Anand** participated in INSCR International Conference (IIC-2017) on “*Role of Microbe-Plant-Animal Interactions in Human Health*” held from September 26 to 28, 2017 at University of Delhi, India.
 22. **Shailly Anand** and **Priya Goel** participated in STEM Teacher Training Workshop Level 1 - “*Three-day Pedagogy Workshop for undergraduate science teachers*” organized by Indian Institute of Science Education and Research (IISER) Pune jointly with DBT, MHRD and British Council from February 26 to March 1, 2017.
 23. **Shailly Anand** and **Priya Goel** participated in STEM Teacher Training Workshop Level 2 Workshop on “*Research Based Pedagogical Tools (RBPTs)*” organized by Indian Institute of Science Education and Research (IISER) Pune jointly with DBT and British Council at Indian National Science Academy (INSA), Delhi from to December 6-8, 2017 and certified as a trainer of RBPTs.
 24. **Sudhir Verma** participated in STEM Teacher Training Workshop level-1 on “*Research Based Pedagogical Tools*”, organized by IISER Mohali in sponsorship of DBT, MHRD, British Council and IISER Pune from January 23-25, 2017.
 25. **Sudhir Verma** participated in STEM Teacher Training Workshop Level 2 “*Three-day Pedagogy Workshop for undergraduate science teachers*” organized by Indian Institute of Science Education and Research (IISER) Pune jointly with DBT, MHRD and British Council from March 01-04, 2017.
 26. **Krishna Bansal** participated in Third National Symposium on “*Environment: Challenges and Generation Next*” held at Department of Zoology, Deshbandhu College, University of Delhi on March 31, 2017.
 27. **Krishna Bansal** participated in workshop on “*Recent Trends in Bioinformatics*” organized

by Department of Botany under the aegis of DBT Star College Scheme, Deen Dayal Upadhyaya College, University of Delhi on January 31, 2018.

28. **Krishna Bansal, Anita Gulati, Lathika Nair & Kamlesh Kumari** attended one day Faculty Development Programme on “*Research Based Pedagogical Tools (RBPTs) for undergraduate life science teachers*” organized by Deen Dayal Upadhyaya College, University of Delhi on November 3, 2017.
29. **Shailly Anand and Sudhir Verma** participated in “*Microsoft Saksham Program*” organized by Microsoft and Shaheed Sukhdev College of Business Studies, Delhi on November 28-29, 2017.
30. **Sudhir Verma and Priya Goel** attended undergraduate teachers’ workshop on “*Tools and Techniques for Developing Scientific Temperament in Students*” on January 31, 2017 organized by Ramjas College, University of Delhi.
31. **Sudhir Verma** participated in the workshop for UG College Teachers on “*Introduction to Zebrafish*”, organized by Daulat Ram College, University of Delhi on March 15 – 17, 2017.
32. **Sudhir Verma** participated as an Observer in level-1 STEM Teacher Training Workshop organized by IISER Pune at Pt. Ravi Shankar Shukla University, Raipur from October 6-9, 2017.
33. **Sudhir Verma** participated in Teachers’ Training Workshop on “*Zebrafish as an Animal Model System*” organized by Department of Biochemistry and Zoology, Daulat Ram College (University of Delhi) from March 15-17, 2017.
34. **Kamlesh Kumari** participated in the “*Recent advances in chemical sciences towards green & sustainable environment: Swachh Bharat Perspective*” at Aditi Mahavidyalaya, University of Delhi on October 10-11, 2017.
35. **Kamlesh Kumari** attended Faculty Development Programme on “*Multifunctional Materials on Energy Harvesting and Allied Sciences*” at Atma Ram Sanatan Dharma College, University of Delhi on November 10, 2017.
36. **Kamlesh Kumari** attended workshop on “*Molecular Modeling*” at Atma Ram Sanatan Dharma College, University of Delhi on January 23, 2018.
37. **Mahaveer Genwa** attended
 - i. The National Conference on “*Clean & Green Energy: The Chemical & Environmental Aspects*” at Bhaskaracharya College of Applied Sciences, University of Delhi on February 16-17, 2017.
 - ii. Workshop on “*Research Methodology and Scientific Writing*” at Netaji Subhas Institute of Technology, Dwarka, New Delhi from March 15-17, 2017.
 - iii. National Faculty Development Program on “*Entrepreneurship Development*” sponsored by DST-NIMAT held at NIFTEM, Kundli, Haryana from December 18-30, 2017.
 - iv. Pedagogy workshop for undergraduate science teachers, DDU College, University of Delhi.
 - v. Pedagogy workshop for undergraduate science teachers, Indian Institute of Technology (IIT) Gandhinagar, Gujarat from December 10-13, 2017.
 - vi. One week International Winter School “*Fostering Collaborative Innovations and Solutions for Sustainable Development*” organised by IQAC, Shyam Lal College in

- collaboration with Turku University of Applied Sciences, Finland, South Eastern Finland University of Applied Sciences and University of Turku (Pori Unit), Finland at Shyam Lal College, University of Delhi from March 3-7, 2018.
- vii. International Conference on “*Vasudhaiva Kutumbakam – The World is a Family*” organised by Aryabhata College in association with Shaikshik Foundation, Delhi on February 24-25, 2018.
38. **Chetna Angrish** attended International Conference on “Green Chemistry: Building a Sustainable Tomorrow” Green Chemistry Network Centre, Department of Chemistry, University of Delhi and Hindu College, University of Delhi in October 2017.
39. **S.N. Tripathi, R.K.Sanayaima** and **S. Kumar** attended The Global Wildlife Program Conference on “*People’s Participation in Wildlife Conservation*” on October 2, 2017 at The Ashok Hotel, New Delhi.
40. **Charu Kalra** participated in
- One day National Conference on “*Pharmacognosy: Scope of Phytochemically Unexplored Medicinal Plants*” on January 12, 2017 organised by Zakir Husain College, University of Delhi, Delhi.
 - Three weeks refresher course on “*Climate Change and Disaster Management*” organized by CPDHE, University of Delhi, Delhi from June 9-30, 2017.
 - One day Regional workshop on “*Research as Pedagogy a Science Teacher Education Program (RAP a STEP)*” held at SGTB Khalsa College and Gargi College, University of Delhi respectively on May 9 and August 18-19, 2017.
41. **Varnika Bhatia, Shailly Anand, Priya Goel, Krishna Bansal, Sujata Sinha, Anita Gulati, Rajkumari Sanayaima Devi, Poonam Garg, Mamta, Chayanika and Poonam Kasturi** attended NASI's Conference on “*Technological Empowerment of Women*” held at Vigyan Bhawan, Delhi on March 08-09, 2018.
42. **Dr. Poonam Kasturi** participated in:
- Six Days Technical Skill Enhancement Workshop on “*SRAM Design: Specs Finalization to Tapeout*”, organized by Electronics and Communication Engineering Department, Bharati Vidyapeeth's College of Engineering (BVCOE), New Delhi from October 5 - 10, 2017.
 - National Level Faculty Development Program on “*Embedded System Design using AVR and Digital System Design Using Programmable Logic Devices*” organized by Department of Electronics, Keshav Mahavidyalaya, University of Delhi from November 1 – 2, 2017.
 - One day symposium on “*ESDM India - Unleashing Entrepreneurship in ESDM India*” at University of Delhi South Campus on January 25, 2018.
 - ICT based short term course on “*Embedded Systems*” conducted by Department of ECE, IGDTUW in collaboration with National Institute of Technical Teachers Training and Research, Chandigarh (Ministry of HRD, Govt. of India) NITTTR, Chandigarh from March 19 – 23, 2018.
43. **Neha** attended
- A Six Day Technical Enhancement Workshop on “*SRAM Design: Specs Finalization to tapeout*”, organized by Electronics and Communication Engineering Department, Bharati Vidyapeeth's College of Engineering (BVCOE), New Delhi from October 5 -

- 10, 2017. One day symposium on “ESDM India - Unleashing Entrepreneurship in ESDM India” at University of Delhi South Campus on January 25, 2018.
- ii. Two days workshop on “VLSI Current Trends Using Mentor Graphics & Xilinx” at University of Delhi South Campus from March 21 - 22, 2018
 - iii. One day workshop on “New Age Semiconductor Process & Device Modelling using Silvaco TCAD”, at IIT Delhi, New Delhi on April 11, 2018.
 - iv. Three days workshop on “Cyber Security”, at Deen Dayal Upadhyaya College, University of Delhi, New Delhi from April 13 - 15, 2018.
- 44. S.Kumar** attended the lecture workshop on “Women in Science: A Career in Science” organized by Women in Science Panel, Indian Academy of Science, Bangalore and Science Foundation, Deen Dayal Upadhyaya College (University of Delhi) held during August 10-11, 2017.
- 45. Chetna Angrish and Reema Chhabra** attended National Conference on “Environmental Sustainability in Wastewater Remediation: Current Status and Prospectus” at the Department of Chemistry, Venkateswara College, University of Delhi in January, 2017.
- 46. Pramod Kumar** participated in
- i. Faculty Development Programme on “The Spaces We Create Together”, at Deen Dayal Upadhyaya College, University of Delhi on December 12, 2017.
 - ii. National Seminar on “Environmental Challenges of India”, organized by Environment and Social Development Association (ESDA) held at the Constitution Club, New Delhi held on November 27-28, 2017.
 - iii. Lecture workshop on “Women in Science: A Career in Science”, organized by Women in Science Panel, Indian Academy of Sciences, Bangalore and Science Foundation, Deen Dayal Upadhyaya College (University of Delhi) held on August 10-11, 2017 in the auditorium of the college.
- 47. Dr. Veena Jain** participated in
- i. National Symposium on “Dimensions of Quality in Higher Education in India” organized by SRCC, Internal Quality Assurance Cell, University of Delhi on November 11, 2017.
 - ii. National Workshop on “A trend towards Machine Learning: Techniques and Applications” held at Deen Dayal Upadhyaya College, University of Delhi, from December 26, 2017 to January 1, 2018.
 - iii. National Workshop on “Data Science & Big Data Analytics Using R”, held at Deen Dayal Upadhyaya College, University of Delhi, from March 6 - 10, 2018.
 - iv. Mail Today, 6th Education Conclave 2017 held at Hotel Hyatt Regency, New Delhi on October 10, 2017.
 - v. One day FDP on “The Spaces we create Together”, held at the Deen Dayal Upadhyaya College, University of Delhi on December 12, 2017.
- 48. Dr. Abhijeet Sinha** participated in the training course on “Dspace Software for Design and Development of Institutional Repositories” conducted by CSIR-NISCAIR during June 12-23, 2017.
- 49. Dr. R.M. Bharadwaj and Ms. Upasana Dhanakhar** attended a one day seminar on “Swatantrata Sangram ki Virasat; Bhartiya Rashtravad” organized by the Government of NCT of Delhi at Delhi Secretariat on August 9, 2017.

CONFERENCES / WORKSHOPS / SEMINARS ORGANIZED

1. **Arpita Sharma, Anuja Soni, Sujata Khatri and Ankit Rajpal** organized a UGC Sponsored National Seminar on “*A Trend Towards Machine Learning: Techniques and Applications*” from December 26, 2017 – January 01, 2018.
2. **Arpita Sharma** as Coordinator organized two days workshop on “*Internet of Things*”, March 06-07, 2017.
3. **Rajni Bala** was convener of two days workshop on “*Networking and Security*” in collaboration with I-Medita under ACM DDUC Student Chapter from October 12-13, 2017.
4. **Rajni Bala** as Coordinator organized One Day “*HP-Omen Gaming Challenge*” on September 22, 2017.
5. **Shweta and Sujata Khatri** as Co-Conveners organized “*Third Lecture workshop on Women in Science: A Career in Science*” held on September 06, 2017.
6. **Deepa Kamra and Monika Bansal** as co-convenor organized National Seminar on “*Managing Indian Economy: Challenge for Future*” on February 11, 2017.
7. **Sangeeta Mohan**, as Convenor and **Monika Bansal**, as Co-Convenor organized National Seminar sponsored by ICSSR on “*Contemporary Strategies for Sustainable Development: Marketing and HR*” on November 10, 2017.
8. **Monika Bansal** as Convenor organized two days workshop on “*Digital Marketing*” in association with IIM Calcutta and the Department of Commerce of the college on September 21-22, 2017.
9. **Yogieta.S.Mehra**, as Convenor organized
 - i. “*Ecclesia’17- Three day Business Conclave*” at Hotel Ashok with Honorable Minister for HRD, Shri Prakash Javadekar as Chief Guest from February 09-11, 2017.
 - ii. National Seminar on “*Managing Indian Economy: Challenges for Future*” on February 11, 2017.
10. **Shailly Anand, Sudhir Verma and Priya Goel** organized a one day lecture-cum-hands on Workshop on “*Regulation of Lac Operon in Prokaryotes*” on March 07, 2017.
11. **Shailly Anand, Sudhir Verma, Priya Goel, S.N. Tripathi, R.K. Sanayaima, Varnika Bhatia, Chetna Angrish, Jyoti and Reema Chhabra** as organizing committee members helped in organizing the Second and Third Lecture Workshop on “*Women in Science: A Career in Science*” organized by Science Foundation, Deen Dayal Upadhyaya College (University of Delhi) held during August 10-11, 2017 and September 6, 2017 respectively.
12. **S.N.Tripathi, R.K.Sanayaima, Varnika Bhatia, Shailly Anand, Sudhir Verma, Priya Goel, Chetna Angrish, Jyoti and Reema Chhabra** as organising committee members helped in organizing the DST sponsored Third Lecture Workshop on “*Trans-disciplinary Areas of Research and Teaching*” by Shanti Swaroop Bhatnagar Awardees organized by Deen Dayal Upadhyaya College held on September 15-16, 2017.
13. **Charu Kalra** as convenor organised a one day workshop for students and faculty of Department of Botany on “*Recent Trends in Bioinformatics*” at Deen Dayal Upadhyaya College, University of Delhi on January 31, 2018.
14. **Sunny Manohar** organized Industry-Academia Interaction Program on “*Safe Handling of Glassware in Laboratory*” as DBT star college scheme chemistry coordinator on January 9, 2018.

15. **Vandana Sharma** as member of the organising committee helped in organising a one day workshop for students and faculty of Department of Botany on “*Recent Trends in Bioinformatics*” at Deen Dayal Upadhyaya College, University of Delhi on January 31, 2018.
16. **Dr. Poonam Kasturi** as convenor organized the fourth workshop on “*VHDL Programming & Digital Circuit Designing*” organized by Science Foundation, Deen Dayal Upadhyaya College, University of Delhi from September 26 – 27, 2017.
17. **Dr. Poonam Kasturi** as co-convenor organized the DST sponsored Third Lecture Workshop on Trans-disciplinary Areas of Research and Teaching by Shanti Swaroop Bhatnagar Awardees from September 15-16, 2017.
18. **Dr. Manoj Saxena** as convenor organized:
 - i. Women in Science Panel, Indian Academy of Sciences supported Second Lecture Workshop on Women in Science: A Career in Science held during August 10-11, 2017
 - ii. Third Lecture Workshop on Women in Science: A Career in Science held during September 06, 2017.
 - iii. DST sponsored Third Lecture Workshop on Trans-disciplinary Areas of Research and Teaching by Shanti Swaroop Bhatnagar Awardees held during September 15-16, 2017.
19. **Dr. H. P. Roy** of Political Science along with **Dr. R. M. Bharadwaj** of History organized a one day National Seminar on “*Indian Political Thought*” at Deen Dayal Upadhyaya College on October 26, 2017.
20. **Dr. Hem Chand Jain** as Convenor in collaboration with Indian Accounting Association, Delhi Chapter and Department of Commerce organized:
 - i. One Day Faculty Development Programme (FDP) on “*Computerised Accounting System with GST*” at Deen Dayal Upadhyaya College, University of Delhi on October 5, 2017.
 - ii. One Day Faculty Development Programme (FDP) on “*Computer Practical’s in Financial Management*” at Deen Dayal Upadhyaya College, University of Delhi on October 6, 2017.
 - iii. One Day Faculty Development Programme (FDP) on “*Recent Developments in Income Tax and E-Filing of Income Tax Returns*” conducted by the eminent tax expert **Dr. V.K. Singhania** at Deen Dayal Upadhyaya College, University of Delhi on August 25, 2017