

# ACADEMIC CREDENTIALS

## FACULTY MEMBERS

**MR. AAKASH PUNIT** (ASSISTANT PROFESSOR, DEPARTMENT OF COMMERCE)

### Seminar, Workshops and Faculty Development Programmes

- Worked as a convenor in Five Days Faculty Development Programme on Entrepreneurship organised by UGC Community College Kirori Mal College, University of Delhi in association with NIESBUD, Noida held on 25-29 June 2019.
- Participated in one week Faculty Development Programme on “Emerging Trends in Research Methodology” (October 7-12, 2019) organised by Mata Sundri College for Women, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre, A Centre of MHRD, Govt. of India (PMMMNTT)
- Participated in one day Workshop on “Personal Financial and Tax Planning” (16<sup>th</sup> Nov, 2019) organised by Department of Commerce, Hansraj College University of Delhi and Mahatma Hansraj Faculty Development Centre, A Centre of MHRD, Govt. of India (PMMMNTT).
- Participated in 7<sup>th</sup> National Conference on Business and Management 2020 organised by Department of Commerce, Shaheed Bhagat Singh College University of Delhi on January 31, 2020.
- Participated in 17<sup>th</sup> Two week Refresher Course in Commerce & Management Studies organised by UGC-HRDC, Jamia Millia Islamia, New Delhi from November 18-30, 2019.

### Research Paper Published

- Deductive Analysis India, China and Malaysia in Tourism Sector for capacity Building in Employment” published in International Journal of Analytical and Experimental Modal Analysis, Vol .XI, Issue XI, Nov. 2019.
- Infrastructural Analysis and Tourism Trends in India, China and Malaysia” published in Journal of Interdisciplinary cycle Research, Vol. XII, Issue I, Jan 2020.

**DR. AGAM KUMAR JHA,** (ASSISTANT PROFESSOR) DEPARTMENT OF PHYSICS)

### Conference/Workshop/Faculty Development Programme:

- Faculty Development Program (FDP) on Biomathematics during August 1-7, 2019 at Shivaji College, University of Delhi, Delhi in collaboration with MHRFDC, Hansraj College, Delhi.
- Training program organized by IQAC, Kirori Mal College, University of Delhi, Delhi on Service Related Issues in Sept. 2019.

### Research Supervision

- Co-Supervisor of Mr. Abdul Hamid Nanda, Ph.D. student, Department of Physics, Faculty of Natural Sciences, Jamia Millia Islamia has recently submitted his thesis for the award of the Degree of Doctor of Philosophy.
- Supervising undergraduate students (B. Sc (H) Physics) for their project work under DBT Star College Scheme.

**DR. AKHILESH BHARTI** (ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY)

### Research Paper Published

- U. K. Chaudhari, A. Bharti, P. Nath, U. P. Azad, R. Prakash, R. J. Butcher, M. K. Bharty. Synthesis, Structure, Photoluminescence and Electrochemical Properties of Mononuclear Ag(I) and Polymeric Zn(II) Complexes of Potassium 4-Methyl Piperazine-1-Carbodithioate, J. Mol. Struct., 2019, 1177, 260-268.

- M. K. Bharty, A. Bharti, R. Chaurasia, U. K. Chaudhary, S. K. Kushawaha, P. K. Sonkar, V. Ganesan, R. J. Butcher. Synthesis and Characterization of Mn(II) Complexes of 4-Phenyl (Phenyl Acetyl)-3-Thiosemicarbazide, 4-Amino-5-Phenyl-1,2,4-Triazole-3-Thiolate, and their Application Towards Electrochemical Oxygen Reduction Reaction, *Polyhedron*, 2019, 173, 114-125.

**DR. ALOK KUMAR SINGH JHA**, (ASSISTANT PROFESSOR) DEPARTMENT OF PHYSICS)

#### Research Publication

- Relativistic photoionization cross section calculations and resonance parameters for Mg-like Se XXIII, A K Singh, Dishu Dawra, Mayank Dimri, **Alok K S Jha**, R. Sharma, M. Mohan *Radiation Physics and Chemistry* 168 (2020) 108447.
- Plasma screening effects on the atomic structure of He-like ion embedded in strongly coupled plasma, A K Singh, Dishu Dawra; Mayank Dimri; **Alok K.S. Jha**; R.K.Pandey, M. Mohan, **Physics Letter A**, 2020
- Relativistic atomic structure calculations and study of plasma parameters for Na-like Se XXIV A K Singh, M. Dimri, D. Dawra, **Alok K S Jha**, M.Mohan, *Physics of Plasma* 26(6),062704,2019
- Relativistic R-matrix photoionization cross section calculations of Ne-like Co XVIII with resonance parameters A K Singh, M. Dimri; D. Dawra, **Alok K S Jha**, M.Mohan, *J. Phys. B: At. Mol. Opt. Phys.* 52(7) 075002 ,2019
- Relativistic R-matrix calculations of photoionization cross sections of Cu XVIII A.K.Singh, Dishu Dawra, Mayank Dimri, **Alok K.S.Jha**, Man Mohan. *The European Physical Journal D* (2019) 73(5) 85
- Spectroscopic study of EUV and SXR transitions of Cu XIX with plasma parameters A.K. Singh, Mayank Dimri, Dishu Dawra, **Alok K.S. Jha** , Nupur Verma , Man Mohan, *Radiation Physics and Chemistry*, 156, (2019), 174-192.
- Effect of Dense Plasma Environment on the Spectroscopic Properties of He-like Ca<sup>18+</sup> Ion, D. Dawra M. Dimri, A. K. Singh, Alok K. S. Jha and S.S. Singh. *Journal of Atomic, Molecular, Condensate & Nano Physics* Vol. 6, No. 3, pp. 103–113, 2019 ISSN 2349-2716 (online); 2349-6088 (print)

**MR. AMAN VERMA** (ASSISTANT PROFESSOR, DEPARTMENT OF COMMERCE)

Worked as an organizing secretary in Five Days Faculty Development Programme on Entrepreneurship organised by UGC Community College Kirorimal College university of Delhi in association with NIESBUD, Noida held on 25-29 June 2019

**MS. ARTI** (ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS)

#### Research publications

- Improved ferroelectric, magnetic and photovoltaic properties of Pr doped multiferroic bismuth ferrites for photovoltaic application, Sumit Kumar , Parveen Kumar, Rajan Walia , Vivek Verma Volume 14, <https://doi.org/10.1016/j.rinp.2019.102403>
- Ferrites: magnetic materials as an alternate source of green electrical energy Pranati Kharbanda, Tushar Madaan, Isha Sharma , Shruti Vashishtha, Parveen Kumar, Arti Chauhan, Sumit Mittal , Jarnail S.Bangruwa, Vivek Verma Volume 5, <https://doi.org/10.1016/j.heliyon.2019.e01151>.
- Steady microwave absorption behavior of two-dimensional metal carbide MXene and Polyaniline composite in X-band Sumit Kumar, Arti, Parveen Kumar, Nidhi Singh, Vivek Verma Volume 488, <https://doi.org/10.1016/j.jmmm.2019.165364>.

**DR. BIPIN SINGH KORANGA** (ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS)

#### **Research Publications**

- Int. J. Modern Theo. Physics, 2019, 8(1): 33-40 with the Title “*Neutrino Mass Spectrum for Co-Bimaximal Mixings from Quantum Gravity*”.
- Paper accepted in Theoretical Physics Journal with the Title “*3-Quantum Gravity Correction to Co-bimaximal Mixings*”

#### **Conferences**

- **Faculty Development Programme** in Bio-Mathematics, Shivaji College, Delhi University, from 01- 07 August 2019
- **Short Term Course** in Research Methodology, Academic Staff College, Kumaun University, Nainital from September 13-20, 2019
- **Refresher Course** in (Basic Science), Academic Staff College, Jamia Milia Islamia, New Delhi from December 5-19, 2019
- **IITB-ICTP Workshop** on Recent Neutrino Physics in IIT Mumbai, Dec. 14-18, 2019.

**DR. CHONGTHAM JITEN** (ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS)

Awarded the Ph. D. Degree in September, 2019 from Department of Physics and Astrophysics, University of Delhi. The Title of his thesis was “*Study of Lead-Free Perovskite-Based Piezoelectric Ceramics*”.

**MR. DEB DULAL HALDER** (ASSISTANT PROFESSOR, DEPARTMENT OF ENGLISH)

#### **Books**

- *Translation Studies: A Handbook*, Book Age Publications, New Delhi, Agra. August 2019. ISBN- 978-93-88181-14-3.
- *Mass Communication: A Handbook*, Second Edition (Co-authored with Hari Prasad) Book Age Publications, New Delhi, Agra. August 2019. ISBN- 978-93-935957-5-6.

#### **Study Materials**

- *Critical Theory*, MA English Second Year, Paper 2.1. Directorate of Distance Education, Bangalore University, Vikas Publication House, New Delhi, 2019. ISBN-978-93-5338-756-3.
- *Comparative Literature and Translation*, Units 1 - 6, 10- 12, MA English Semester II, Directorate of Distance Education, Alagappa University, Karaikudi, Vikas Publication House, New Delhi, 2019. ISBN- 978-93-5338-660- 3.
- Fiction, Units 2, 4, 10, 12, 13. MA English Semester II, Directorate of Distance Education, Alagappa University, Karaikudi, Vikas Publication House, New Delhi, 2019. ISBN- 978-93-5338-605- 4.
- “Debates over Emancipation of Women” Unit 5 of *History of Emancipatory Politics with Special Reference to Dr. B. R. Ambedkar*. Directorate of Distance Education, Bangalore University, Vikas Publication House, New Delhi, 2019. ISBN- 978-93-5338-804-1.

#### **Online Study Materials**

- *Ability Enhancement Compulsory Course*, Five Units, School of Open Learning, University of Delhi, Delhi, <https://sol.du.ac.in/epustakdwar/index.php/en/slm-study-learning-material/semester-i-2/1539-slms2/aecc/english-a-b-c-aecc/> Uploaded in February 2020.

- *Academic Writing and Composition*, Generic Elective, Seven Units, School of Open Learning, University of Delhi, Delhi, <https://sol.du.ac.in/epustakdwar/index.php/en/slm-study-learning-material/semester-i-2/1466-slms2/generic-elective/academic-writing-and-composition-english>, Uploaded in March 2020.
- Anita Desai, *In Custody*, BA Hons English Semester II, Six Units, School of Open Learning, University of Delhi, Delhi, Yet to be Uploaded.

**DR. GEETANJALI** (ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY)

#### Research Paper Published

- D. Rathore, Geetanjali, R. Singh. Phytochemistry and Pharmacology of Genus Bombax, *The Natural Products Journal*, 2019, 9, 184-196.
- R. Singh, Geetanjali. Nanoneuromedicines for Neurodegenerative Diseases, *Nanoscience & Nanotechnology-Asia*, 2019, 9, 58-63.

**MS. GEETHANJALI KHER** (ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE)

#### Book Chapter

Electronic components supply chain management of Electronic Industrial development for warehouse and its impact on the environment using Particle Swarm Optimization Algorithm, Optimization and Inventory Management, Print ISBN: 978-981-13-9697-7, Electronic ISBN: 978-981-13-9698-4 **Springer** 2020; **427-445**

#### Research Papers

- Blood bank supply chain inventory model for blood collection sites and hospital using genetic algorithm, Selforganizology, Volume 6 No. (3-4) ISSN 24100080 (2019)
- Auto Industry inventory model for deteriorating items with two warehouse and Transportation Cost using Simulated Annealing Algorithms, International Journal of Advance Research and Innovative Ideas in Education, Volume 5, Issue 1, 2019. e-ISSN: 2395-4396.
- A Particle Swarm Optimization based a two-storage model for deteriorating items with Transportation Cost and Advertising Cost: The Auto Industry, International Journal of Advance Research and Innovative Ideas in Education, Volume 5, Issue 1, 2019. e-ISSN: 2395-4396

**DR. ISHPAL RAWAL** (ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS)

#### Research publications

- **Ishpal Rawal**, Parveen K. Goyal, *Effect of Ammonia Based Deprotonation on the Variable Range Hopping Conduction in Polypyrrole Nanotubes*, Solid State Sciences, 99 (2020) 105984.
- Vipin Kumar, **Ishpal Rawal**, Vinod Kumar, Parveen K. Goyal, *Efficient UV photodetectors based on Ni-doped ZnS nanoparticles prepared by facial chemical reduction method*, Physica B: Condense Matter 575 (2019) 411690.
- Rishi Pal, Sneha Lata Goyal, Vinay Gupta and **Ishpal Rawal**, *MnO<sub>2</sub>-Magnetic Core-Shell Structured Polyaniline Dependent Enhanced EMI Shielding Effectiveness: A Study of VRH Conduction*, ChemistrySelect 4 (2019) 9194–9210.
- Karmvir Singh, **Ishpal Rawal**, Neeru Sharma, Prikshit Gautam, Rakesh Dhar, *Quantum efficient fast UV photodetectors based on nanocrystalline Zn<sub>1-x</sub>P<sub>x</sub>O (x=0.00, 0.03, 0.07) thin films deposited by pulsed laser deposition technique*, Materials Science in Semiconductor Processing 95 (2019) 7-19.

**DR. KHALID ASHRAF** (ASSOCIATE PROFESSOR, DEPARTMENT OF URDU)

#### Chapters in Books:

- Shabkhood : Jadeedi aur Deegar Rujhanaat, included in book titled ‘Armughane Farooqi , New Delhi , 2019.
- Majrooh Sultanpuri, Chand Maarooz, Included in Mashale Jaan ka Shayer, Jaipur 2019.

#### **Conference/Workshop/Faculty Development Programme:**

- Fehmida Riyaz ki Ehtajazi Shairi , Seminar on Women’s Poetry in 20th century , MANUU University, Hyderabad , 5 – 6 th March 2018.
- Majrooh Sultanpuri ka Fun , Seminar on Majrooh Sultanpuri , Rajasthan Urdu Academy, Jaipur , 7–8 th September 2018.
- Kaifi Azmi ki Nazmon ka Bainul-aqwami Tanazur , Seminar on Kaifi Azmi Centenary , Urdu academy, Delhi, 8 th January 2019.
- Anjuman Taraqqi Urdu aur Dr. Khalique Anjum, Seminar : Ba-yade Raftegan, Urdu Academy , Delhi ,30 th March 2019.
- Nida Fazli Zindagi aur Atraaf , Seminar on Nida Fazli , Shaheryar, Mohammad Alvi , Rajasthan Urdu Academy , Udaipur, 13 – 14 th July 2019.
- Presented a Paper on ‘Disarmament and World Peace ‘ organized by World Punjabi Conference , Lahore , 30th December 2018 to 1st January 2019.
- Member of Delegation of India - Uzbekistan Friendship Society, visited Uzbekistan , 23 – 28 August 2019.
- Presented a TV Lesson ‘Barre Sagheer mein Urdu Novel’ Under SWAYAM Project, Academic Staff College, Aligarh Muslim University , 23rd September 2019.

#### **Research Papers**

- Kaifi Azmi ki Nazmon ka Bainul Aqwami Tanazur , Monthly Aajkal , May 2019.
- Taraqqi Pasand Adab ki Ek Eham Dastawez , Naya Daur Monthly, Lucknow , August 2019.
- Fehmida Riyaz ki Ehtajazi Shairi, Monthly Aajkal , Delhi, January 2019.
- Saire Mulke Awadh ( Review ) , Monthly Aiwane Urdu, Delhi, March 2020.

#### **List of Radio / T.V.Programmes:**

- Participated in Panel Discussion on Nazir Akbarabadi, D.D. Urdu, New Delhi, 23 July 2019.
- Presented a talk on “Saghar Khayyami ki Shairi” Urdu Majlis , AIR , New Delhi DOB 25th February 2020.

### **DR. KAVITA GUPTA (ASSISTANT PROFESSOR) DEPARTMENT OF MATHEMATICS**

#### **Paper Published:**

- ‘Optimum cost-time trade-off pairs in a fractional plus fractional Capacitated Transportation Problem with restricted flow’, Revista Investigacion Operacional, Departamento De Matematica Aplicada, Facultad de Matematica Y Computacion, Universidad De La Habana, 40(1) (2019), pp. 46-60. *ISSN: 0257-4306* (Manuscript).
- “Multi-level integer programming problem with multiple objectives at each level”, Revista Investigacion Operacional, 40(3)313-329, 2019, *ISSN: 0257-4306. (Manuscript)*

#### **Book Published:**

- Statistics and Quantitative Reasoning, 2<sup>nd</sup> edition, Taxmann Publications, ISBN: 9789388983174.

### **DR. MD. MOHSIN (ASSISTANT PROFESSOR, DEPARTMENT OF URDU)**

#### **Conference/Workshop/Faculty Development Programme:**

- Presented a paper on " **Kalame Iqbal mein Iblees ke Kirdar ki Manviyat**’ in Two Day International Seminar on 17 – 18, February 2010, organized by Department of Oriental Language and Literature, Faculty of Arts, Cairo University, Egypt.
- Presented a paper on " **Anand Laher ki Afsana Nigari**’ in Tow Day National Seminar on 16 – 17, December 2019, organized by Department of Urdu, University of Jammu.

- Presented a paper on " **Suhail Azeem Abadi ki Kahani 'Alow' mein Elaqaayee Tahzeeb o Saqafat**" in Tow Day International Seminar on 16 – 17, September 2019, organized by Department of Urdu, University of Jammu.

### **Book Chapter**

Chapter " **'Shahnama-e- Islam' mein Razmiya Shairi ke Nuqush**" in Urdu, Farsi aur Arabic mein **Razmiya Adab** edited by Prof. Khawajah Md. Ekram Uddin, 2019 (p. 280).

- **Convenor of organizing committee 'Spic-Macay'** Kirori Mal College
- **Member of Organizing committee ' FOSTAS'** Kirori Mal College, University of Delhi, Delhi for Academic year 2019-2021.
- **Member of Hostel Admission Committee**, Kirori Mal College, University of Delhi, Delhi, for Academic year 2019-2021.
- **Editor (Urdu Chapter) New Outlook, Annual Magazine**, Kirori Mal College, University of Delhi, for Academic year 2019-2021.

### **DR. MOHAMMAD YAHYA (ASSISTANT PROFESSOR, DEPARTMENT OF URDU)**

#### **Tareekh e Adab e Urdu - ISSN: 2582 – 1229**

- **'Tareekh e Adab e Urdu Quarterly'** is an International Refereed Urdu Journal Published Since a Long Time Regularly. The aim of the Journal is to Provide Opportunity to Scholars for High Quality Research in Urdu Language and Literature all over the world. The Language of the Journal is Urdu.
- **Edited** a high quality, result Oriented Journal namely 'Tareekh e Adab e Urdu Quarterly ISSN: 2582 – 1229' for the period of January 2020 to March 2020, volume two issue one. 'Tareekh e Adab e Urdu Quarterly' Journal's upcoming Volume Second issue
- **Edited** a high quality, result Oriented Journal namely 'Tareekh e Adab e Urdu Quarterly ISSN: 2582 – 1229' for the period of October 2019 to December 2019, volume one issue three.
- **Edited** a high quality, result Oriented Journal namely 'Tareekh e Adab e Urdu Quarterly ISSN: 2582 – 1229' for the period of July 2019 to September 2019, volume one issue two.
- **Edited** a high quality, result Oriented Journal namely 'Tareekh e Adab e Urdu Quarterly ISSN: 2582 – 1229' for the period of April 2019 to June 2019. volume one issue one.
- Organized a Mushaira on the occasion of Independence day funded by Delhi Urdu Academy for promoting Indian cultural and tradition on August 7, 2019
- **Supervised Ph.D. Researcher Scholar** on the Topic: "Urdu Afsana aur Hindi Kahani ka Taqabuli Motalia 1980 ke bad" who is registered in Department of Urdu, University of Delhi since 27 October 2016 Pre Submission on 24<sup>th</sup> February 2020.
- **Convener of College Magazine committee 'New Outlook'** Kirori Mal College, University of Delhi, Delhi, for Academic Year 2019-2021.
- **Member of Organizing committee 'FOSTAS'** Kirori Mal College, University of Delhi, Delhi for Academic year 2019-2021.
- **Member of Hostel Admission Committee**, Kirori Mal College, University of Delhi, Delhi, for Academic year 2019-2021.

### **DR. MUJEEB AHMAD KHAN (ASSISTANT PROFESSOR, DEPARTMENT OF URDU)**

- Participated 04th Refresher Course in Modern Indian Language from September 17-30, 2019, organized by Academic Staff College (Higher Education; University Grants Commission; Government of India) at Jamia Millia Islamia University, New Delhi

### **DR. M.K. GALHOTRA – LIBRARIAN**

### **Conference/Workshop/Faculty Development Programme:**

- Participated in the Refresher course in Library and Information Science conducted by CPDHE, UGC-HRDC, University of Delhi, Delhi during 31.5.2019 to 14.6.2019
- Participated in the one-day Interactive Session on 'How Indian Libraries can get benefited by associating with OCLC' organized by Delhi Public Library with OCLC and Edutech, Delhi on October 24th, 2019.
- Attended International Workshop on "E-Resource Management and Understanding License Agreement for Electronic Resources and Negotiations" organized by Dr. B.R. Ambedkar University Delhi at AUD, New Delhi on 12th December 2019.

**MS. NIDHI SHARMA (ASSISTANT PROFESSOR, DEPARTMENT OF COMMERCE)**

### **Research Papers Publications:**

- "A Unified Model of Organizational Effectiveness", Journal of Organizational Effectiveness: People and Performance (Publisher: Emerald Publishing Limited), Vol-6, Issue-2, pp. 114-128, 2019; ISSN: 2051-6614; DOI: <https://doi.org/10.1108/JOEPP-10-2018-0084>
- "Values, Organizational Culture & Organizational Effectiveness in India", The Indian Journal of Industrial Relations (Shri Ram Centre for Industrial Relations, Human Resources, Economic & Social Development), Vol-54, Issue-4, April-2019; ISSN: 0019-5286

### **Book Chapter**

'Workplace Spirituality' in the book titled 'Recent Developments in Management and Marketing', Edited by Dr. Jatinder Bir Singh (Sri Guru Gobind Singh College of Commerce, University of Delhi) and Dr. Sangeeta Dodrajka (Associate Professor, Sri Guru Gobind Singh College of Commerce, University of Delhi) published by Misha Books, New Delhi, 2019, ISBN: 978-81-937251-5-3

### **Paper Presentations**

- Paper titled 'Examining the Relationship between Individual Spirituality and Organizational Effectiveness: An Indian Perspective' presented at 6<sup>th</sup> National Conference on Business and Management, organized by Shaheed Bhagat Singh College (University of Delhi) on 24<sup>th</sup> and 25<sup>th</sup> February 2019

### **Conference/Workshop/Faculty Development Programme:**

- Participated in 7<sup>th</sup> Annual International Commerce Conference on 'Organizational Realities: Changing Paradigm of HR' organized by Department of Commerce, Faculty of Commerce and Business, Delhi School of Economics, University of Delhi on 17<sup>th</sup> and 18<sup>th</sup> January 2020
- Participated in One Day Workshop on 'Personal Financial and Tax Planning' organized by Department of Commerce, Hansraj College and Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi under PMMMNMTT on 16<sup>th</sup> November, 2019
- Organized SEBI visit to Northern Regional Office, New Delhi for 'Financial Education Program' on 6<sup>th</sup> September 2019

**DR. NIRMAL KANT PATNAIK (ASSISTANT PROFESSOR DEPARTMENT OF PHILOSOPHY)**

### **Book**

- **(Edited)** *Human Rights and Responsibility*
- **(Author)** *Heidegger: The Existentialist*

### **Seminar**

- Organised a national seminar on *Linguistic Diversity of India* on International Mother Language Day

### **Research Paper**

- *Dimensions of Culture: Myth, Reality and Propensity to Voice of Civil Society*, a quarterly publication from New Delhi

**DR. NIVEDITA BASU (ASSISTANT PROFESSOR DEPARTMENT OF ENGLISH)**

- Awarded her PhD in English from the Department of English, Delhi University in the Annual Convocation of Delhi University.

**DR. PRAGYA (ASSOCIATE PROFESSOR, DEPARTMENT OF HINDI)**

**Books Published**

- 'Dharmpur Lodge' published by LokbhartiPrakshan Allahabad.
- III Imprint Bhartendu Harishchand award winning book Tara Ki Alwar Yatra, supplementary reading book for CBSE schools in 2019 published by NCERT Delhi

**Stories Published in Edited Volume**

- Story Mannat Tailor selected for prestigious collection of stories 'IkkisvinSadi Ki IkkisKahaniyan' Edited by Anant Vijay published by National Book Trust Delhi 2019
- Story 'SyahGhere' published in Katha Kahani-1 edited by Shri Hariyash Rai, published by Anugya Books Delhi, 2019
- Story 'MausamonkiKaravat' selected for prestigious collection of stories of 15 women short story writers titled 'Goonge Nahin Hain Shabd Hamare' edited by Subhash Neerav. The Collection was launched during World Book Fair Delhi-Jan.2020.
- Story 'AurDevtaChale Gaye' published in a collection of Dalit stories written by Non- Dalit writers, edited by Heeralal Rajasthani, published by AdhikaranPrakshan Delhi. The Collection was launched during World Book Fair Delhi-Jan.2020.
- In the year 2019-20, many short stories published in Hindi literary magazines. Seetaonke Dehari in Parikatha, 'Fidelity .com in NayaGyanodaya, 'Shodh Katha' in Kathan, 'ChaalAur Maat Ke Beech' in Hindi Navneet

**Story Translated in Urdu**

- Story 'Mannat Tailor' was translated in Urdu by writer Hafeez bin Aziz, published in Urdu Journal Tareekh e Adab e Urdu edited by Shri Mohd. Yahya (Saba), September 2019

**Book Chapter**

- 1Madhavi : EkPaathVishleshan A chapter on a play by noted play writer BhashmSahni in book ' BhashmSahniSrijankeVividhAayam, edited by Subhash Gupta, Priya Sahitya Sadan Delhi 2019

**Research Papers**

- BazarwaadaurSampradayikta ka AsmitaAkhyan published in LAMAHI (ISSN. Number. 2278-554X) October-Dec-2019
- Katha KeKalevar Mein EkSampoornNatak' published in 'Janvikalp' (ISSN. Number 2231-6191) Trishur Kerala. In Jan.2020.
- Interview of Dr. Vishvnath Tripathi on contribution of Prof. Namvar Singh to the Hindi Literature for Parikatha Magazine( ISSN No. 2320-1274) , May-June 2019

**Story Reading Sessions**

- Invited to story reading session organized by Mukhtangan Delhi.
- Sannidhi Sangoshthi organized by Gandhi Hindustani Sahitya Sabha and Vishnu Prabhakar Pritishtan Delhi on 17th Aug. 2019

**Talks/Lectures**

- Talk on famous novelist PunkajSubeer' work at a seminar cum book launch of his new novel 'JinhenJurm e Ishaq Par NaazTha' organized by Madhya Pradesh Hindi Sahitya Samiti on 14th July 2019 at Indore .
- Talk on Stree Mukti: BhramaurYatharthsandarbh Kahani at J.D. Women's College Patna, Bihar on 19-20 July 2019.

**Conference/Workshop/Faculty Development Programme:**



- Conducted workshop for Hindi Sahitya Academy, Gujrat on Fiction writing for Post Graduate students and research scholars during three day CHATRA UNMUKH PRASHIKSHAN SHIVIR, 6-8 February 2020 at Kelanpur Vadodara Gujrat.
- KATHA SHIVIR 2020
- Narendra Pur Katha Shivir, organised by Takshila Educational Society, February 15-19, 2020 at Patna and Sivan, Bihar.

#### **Contribution to the online magazines**

- Contributed to the online magazines like Aarambh, Mediawala and Bizooka.

#### **All India Radio/ Akashwani:**

- Participated and moderated Akashwani's literary program 'Sahityiki'.
- Presented a retrospective of best non-fiction of the year 2019 in Akashwani's literary program, 27 December 2019.

#### **DR. PRAVEEN KUMAR ANSHUMAN (ASSISTANT PROFESSOR DEPARTMENT OF ENGLISH)**

##### **All India Radio, Akashvani, New Delhi**

- In conversation with Dalit writer Shri Sharankumar Limbale in 'Yadon Ke Jharokhe Se' on 28<sup>th</sup> August 2019
- Talk on 'Teacher's Day' on 4<sup>th</sup> September 2019

##### **Associateship:**

- The 2<sup>nd</sup> Spell at Indian Institute of Advanced Study, Rashtrapati Niwas, Shimla during 1<sup>st</sup> September to 30<sup>th</sup> September 2019

##### **Books:**

- *Aakhar Sovat Naahin*, Diamond Books, New Delhi, ISBN: 978-93-52966-672-1
- *Maanush Jaagat Naahin*, Diamond Books, New Delhi, ISBN: 978-93-52966-672-1
- *The Famished Gods: Speaking Selves in Akkarmashi*, Pharos Books, New Delhi, ISBN: 978-93-89843-70-5
- *Depressed Deities: Aching Selves in Akkarmashi*, Authorsbook Press, New Delhi, ISBN: 978-93-89824-41-1

#### **DR. PRATIK YADAV (ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY)**

##### **Research Papers**

- S. Chibh, A. Kour, N. Yadav, P. Kumar, P. Yadav, V. S. Chauhan, J. J. Panda. Redox-Responsive Dipeptide Nanostructures toward Targeted Cancer Therapy, *ACS Omega*, **2020**, *5*, 3365-3375.

#### **DR. PUSHPENDER KUMAR (ASSISTANT PROFESSOR, DEPARTMENT OF COMMERCE)**

##### **Talks/Lectures**

- Moderator of Panel discussion in International E-Summit on the theme of **Changing trends in entrepreneurship** on topic **Social media entrepreneurs** at Shivaji College, University of Delhi on Feb 25, 2020.
- Delivered a lecture on Anatomy of Research Methodology in One day workshop organized by University Business School, Panjab University, Ludhiana on December 21, 2019.
- Delivered a lecture on Presentation Skill on September 22, 2019 in Capacity Building programme on Soft Skills and Emotional Intelligence, organized by Faculty Development Centre at Iswar Saran PG College University of Allahabad, Prayagraj, U.P.
- Delivered a lecture on Case study discussion on August 29, 2019 in the ICCSR sponsored Ten days Research Methodology course for Ph.D scholars in Social Sciences organized by School of Management, Gautam Buddha University, Greater Noida, U.P during 26 August to 4 September, 2019.

- Delivered a lecture on Research Methodology on July 2-3, 2019 in One week faculty development Programme organised by New Delhi Institute of Management, Affiliated to Guru GobindIndraprastha university, New Delhi.
- Delivered a lecture to the participants of short term course on Research Methodology, organized by the UGC Human Resource Development Centre, H.P. University, Shimla on Anatomy of Research Methodology and Basic of Research methodology on June 4, 2019.
- Delivered a lecture on Theory, Concept and Methods in Research on Feb 27, 2019 in Training cum workshop on Academic writing in Humanities and social sciences being organized by FDC, Iswar Saran College, university of Allahabad, Prayagraj.
- Delivered a lecture in the 112<sup>th</sup> Orientation Programme on Feb 5, 2019 on research anatomy organized by UGC-HRDC, JNU.

#### **Conference/Workshop/Faculty Development Programme:**

1. Attended Two days' workshop on Implementation of Smart manufacturing in Indian Industry on Feb 13-14, 2020 at National Productivity Council, New Delhi
- Guest of Honour in Inaugural session in two days' workshop on Academic and Administrative Assessment on Jan 30-31, 2020 at R.C.A College Mathura.
  - Participated in the workshop on MOOCs, E-content Development and Open Educational Resources from July 12, 2019 to July 18, 2019 organized by CPDHE (UGC-HRDC) University of Delhi.
  - Resource person in two days' workshop on Case Writing on April 26, 2019 organised by University school of Management, Kurukshetra university, Kurukshetra.
  - Key note address on Entrepreneurship cell in First youth Entrepreneurship Conclave held on March 27, 2019 organized by Entrepreneurship cell at Seminar room. School of Open Learning, University of Delhi
  - Key note speaker on The impact of changing start-up Ecosystem on Dynamics of Indian Economy Today on March 8, 2019 Organized by Department of Commerce, ShyamLal College, university of Delhi.
  - Resource person in the plenary session on March 11, 2019 in two days national seminar on Faculty, Academic Parameters and Organizational Performance on March 10-11, 2019 organized by Faculty Development Centre Iswar Saran PG college, university of Allahabad, Prayagraj, U.P.
  - Resource Person in the Ist technical session on Feb 16, 2019 in the National seminar on Academic Research Extension in Entrepreneurship, social science and Management at Department of Commerce, Siddharth Univeristy, Kapilvastur, Siddharthnagar.
  - Chair person in the IV technical session on feb 17, 2019 in the National Seminar on Academic Research Extension in Entrepreneurship, Socal Science and Management at Department of Commerce, Siddharth university, Kapilvastur, Siddharthnagar.
  - Key note speaker in 1<sup>st</sup> Technical session on Feb 2. 2019 in two days national conference on Entrepreneurship and Economic Development in India held from Feb 2-3, 2019 organized by Department of Commerce, Vardhaman College, Bijnore, U.p.
  - Panel member on Feb 9, 2019 in International conference on Hospitality Industry: Vision 2025-current trends, new innovations & the Future Ahead organised by National council for hotel Management & catering technology, Ministry of Tourism, Govt. of India

#### **Others**

- Member Board of Studies- USB – Commerce, Chandigarh University, Meeting held on March 16, 2020 at Chandigarh University.
- Guest faculty at FMS University of Delhi from November 2019 onwards for MBA Executive course on Internet Marketing in South Campus.
- Minor project on Mudra Yojna from ICSSR, New Delhi from October 2019 onwards.
- Co-Chaired a session at national conference & Young Entrepreneurs' Convention on Make in India: Towards Growth & Progress organized by Department of Commerce & IQAC on April 24, 2019.
- Co-ordinator of Unnat Bharat Abhiyan, IIT Delhi project on socio-eco development of five villages selected by K.M. College in Bulandhshar district of U.P for 2019-20.
- Nodal officer of UGC-Certificate Course on Entrepreneurship and Start-up organized by K.M. College, University of Delhi for 2019-20.

**DR. RAJIB RAY (ASSISTANT PROFESSOR, DEPARTMENT OF PHILOSOPHY)**

- Elected President of Delhi University Teachers Association (DUTA)
- Awarded with PhD from IIT, Mumbai

**DR. RAJ KUMAR** (ASSISTANT PROFESSOR, DEPARTMENT OF MATHEMATICS)

- Participated as a member to Design new curricula and courses (2019) in Mathematics of BSc Math Hons and BSc Physical science for University of Delhi.
- Participated and presented a paper entitle “Image Processing using Multiresolution Wavelet Decomposition in weighted Sobolev space” An International conference on “Managing ICT for GNH based Development” organized by Gyalpozhing college of Information Technology, Royal University of Bhutan, during 7-8, March 2019.
- Wavelet packets in weighted Sobolev space, TWMS J. Applied Eng. Math. 2019 (accepted).

**DR. RAKESH KUMAR PANDEY** (ASSOCIATE PROFESSOR, DEPARTMENT OF PHYSICS)

- Faculty advisor for Indonesian Ph.D. student working with her DST-FICCI sponsored visit to India under ASEAN-India Research and Training Fellowship program for a fixed period of six months from July 2019 to December 2019.

**Research Papers**

- International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 10, No. 10, 2019, on page 110 “*Performance Comparison of Collaborative-Filtering Approach with Implicit and Explicit Data*”
- AIP Conference Proceedings volume 2133 on page 020029-1 “*Computerization and threat of loss of jobs: Thermodynamic Study*”.
- Physics Letters A volume 384 (2020) 126469 “*Plasma Screening effects on the atomic structure of He-like ions embedded in strongly coupled plasma*”.

**Poster and Paper Presentation**

- Presented poster and gave an invited talk in the International Conference on Atomic, Molecular, Optical and Nano Physics with Applications (CAMNP 2019) held at Delhi Technological University, Delhi during December 18-20, 2019.
- Presented a paper in conference CEST-2019 (Central European Symposium on Thermophysics 2019) Slovakia, 16-18 October 2019.

**DR. RAKSHA SHARMA** (ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS)

- **Poster presentation** in 2<sup>nd</sup> National conference on emerging trends and future challenges in chemical sciences (ETFC-2020) on 10<sup>th</sup> and 11<sup>th</sup> January 2020.

**MR. RAM SUNIL KUMAR LALJI** (ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY)

**Research Papers**

- R. S. K. Lalji, P. Kumar, M. Gupta, V. S. Parmar, B. K. Singh. Palladium-Catalyzed Decarboxylative Synthesis of 5H-Benzo[4,5][1,3]oxazino[2,3-a]isoindole-5,11(6aH)-Diones using 2-Phenyl-4H-Benzo[d][1,3]oxazin-4-Ones and  $\alpha$ -Oxo Carboxylic Acids, Adv. Synth. Catal., 2020, 362, 552-560.

**DR. REENA SAXENA** (ASSOCIATE PROFESSOR, DEPARTMENT OF CHEMISTRY)

**Research Papers**

- R. Saxena, M. Saxena and A. Lochab. Recent Progress in Nanomaterials for Adsorptive Removal of Organic Contaminants from Wastewater, Chemistry Select, 2020, 5, 335 – 353.
- N. Sharma, S. Tiwari, R. Saxena. Rapid On-Line Solid Phase Enrichment using Polytetrafluoroethylene Beads for Chromium Speciation in Contaminated Real Water Samples, International Journal of Environmental Science and Technology, 2019, 16, 383-390.

**Chapter in Book**

- N. Sharma, S. Tiwari, R. Saxena. Determination of Metal Contaminants in Beverages Using Solid Phase Extraction - Based Preconcentration and Subsequent Determination Using Spectro-Analytical Techniques, Emerging Trends And Developments In Beverage Science (Elsevier) 2019, 17, 123.

**DR. ROHIT KUMAR,** (ASSISTANT PROFESSOR, DEPARTMENT OF HINDI)

**Research Publication**

- “Nirmal Verma ka bhasha-chintan: srijan ke parivesh mei bhasha” ISSN-2319-5908, Shodh Sandarsh, Issue-07/vol-23/june2019

**DR. SAGARIKA DATTA** (ASSISTANT PROFESSOR, DEPARTMENT OF PHILOSOPHY)

- Completed PhD in 2019 from University of Delhi

**DR. SANGEETA D. GADRE** (ASSOCIATE PROFESSOR, DEPARTMENT OF PHYSICS)

**Member of Committees**

- Final drafting team LOCF (CBCS) Undergraduate Physics courses revision 2019.
- Undergraduate Bulletin committee (2019-2020) of University of Delhi.
- Postgraduate Admission Grievance committee 2019.

**Resource Person**

- Resource person in the grading of Indian National Physics Olympiad (INPhO) examination 2019-2020.

**DR SANJAY VERMA,** (ASSISTANT PROFESSOR, DEPARTMENT OF ENGLISH)

**Professional Training/ Refresher Course/Short Term Course:**

- **Participated** in a Short Term Course on MOOC's, E-Learning and ICT at CPDHE (Centre for Professional Development in Higher Education) UGC-HRDC, University of Delhi, Delhi from 15th June to 21st June 2019.

**Papers Presentation:**

- **Presented a paper** titled 'Pandit Deendayal Upadhyaya as a pioneer of democracy' in a Two Day National Seminar on 'A Discourse on Integral Humanism: Emerging Predicaments of the 21st Century and responses' organised by Gautam Buddha University on 18-19 January 2020.

**Invited Lectures/Resource Persons:**

- Invited as **Resource Person** to deliver a lecture on 'Need to develop qualitative approach and strategy for assessment and evaluation' in an International Seminar and Workshop on "Innovative Teaching, Learning and Evaluation in English: Harmonious Transition from School to University" on 24th January 2020 organised by Lakshmibai College, University of Delhi and Trinity College London from 23rd to 25th January 2020.
- Invited as a **Moderator-cum-Discussant** for a session titled 'Synthesizing of the Insights and Compiling of reports to prepare a Guideline or Reference Manual for Teachers of English' in a Three Day International Seminar and Workshop on "Innovative Teaching, Learning and Evaluation in English: Harmonious Transition from School to University" on 25th January 2020 organised by Lakshmibai College, University of Delhi and Trinity College London from 23rd to 25th January 2020.

**DR. SATYA PRAKASH TRIPATHI** (ASSOCIATE PROFESSOR, DEPARTMENT OF MATHEMATICS)

- Organized workshop on “Sheaf Theory, Sheaf Cohomology and Spectral Sequences” in the Department of Mathematics, University of Delhi, Delhi, during November 18-30, 2019. The workshop was sponsored by National Center for Mathematics and University of Delhi,
- Gave four lectures and conducted 09 tutorial sessions in the workshop on “Sheaf Theory, Sheaf Cohomology and Spectral Sequences” held during November 18-30, 2019, in the Department of Mathematics, University of Delhi, Delhi.
- Invited as a resource person in Topology to deliver 02 lectures in the Refresher Course in Mathematics organized by CPDHE, University of Delhi, Delhi, in 2019.

**DR. SEEMA JOSHI** (ASSOCIATE PROFESSOR, DEPARTMENT OF COMMERCE)

**Distinctions Achieved**

- Selected as a National Expert by Asian Productivity Organisation, Tokyo (Japan) for its on-going project on Education for Future Industry (2019-20).
- Invited to attend the Co-ordination Meeting of the Project on Education for Future Industry of Asian Productivity Organisation, Tokyo by implementing organisation, China Productivity Center (CPC), Taipei, Taiwan, Republic of China (ROC) from Nov 19-21, 2019.
- Invited as a Special Invitee of the First Meeting of the Economic Affairs Committee of PHD Chamber Of Commerce and Industry on Thursday, 19th December 2019 at PHD House, New Delhi

#### **Paper Presentation**

Presented a Preliminary **Country Report** on Education for Future Industry on November 20, 2020 organised by China Productivity Center at National Taiwan University, Taipei, Taiwan, Rep. of China from Nov 19-21, 2019.

#### **Research Papers Publication**

- Joshi, Seema (2019), "What Explains the Decline in FWFPR in Rural Areas in India?", *Manpower Journal*, Vol. L3, Nos. 1&2, January-June.
- Joshi, Seema (2020) "What Determines Manufacturing Sector Employment in India: Evidence from Panel Data?", *Productivity Journal* (forthcoming).

### **DR SEEMA MEHRA PARIHAR Associate Professor Department of Geography (On Sabbatical)**

#### **ACADEMIC VISITS OUTSIDE INDIA**

##### **JAPAN (July 2019)**

- Interacted with Students and faculty Members, Faculty of Foreign Studies at TOKOHA University, Shizuoka-shi, Japan in July 2019.
- Participated in a workshop on 'Atlas & Infographics' at Tokyo, Japan (14th July, 2019); International Cartography Association (ICA) Commission on Atlases at Mairaikan, Tokyo, Japan;
- Presented following two papers at Asia GIS & International Cartographic Conference (15th July-20th July, 2019), Tokyo, Japan.
- 'Story of Creating Gender Atlas of India: Some Insights of a Principal Investigator'; and
- 'Mapping Geospatial Dimensions of Water in Jammu and Kashmir to pursue Wider Peace'

##### **FRANCE (FEBRUARY 2020)**

- Visiting Scholar to Le Havre Universite, Normandie France (2 February 2020- 17 February 2020)
- Taught Course on **Natural Resource Management** including 12 lectures
- Participated in the research work, classroom discussions, seminars, etc.
- Normandie, France, **Gender Geography and Geography of Gender in India**: lectures and discussions with students of the Master's Degree in English Studies.
- Normandie, France, **Gender, Politics and Management in India**: lectures and discussion with students of the Bilingual Bachelor's Degree in International Management
- Normandie & Paris, France: Scientific Board member of **The Rise of Asia Conference 2020**, Paris and Le Havre, France, February 12-14, 2020.
- Speaker on "The World 65 Years after Bandung seen from Asia" at the first day of **The Rise of Asia Conference 2020**, at the University Paris 1 Panthéon-Sorbonne, Paris, on February 12, 2020.
- Chairperson of **The Rise of Asia Conference 2020**, sessions dedicated to "Gender and Women's Issues" at the Université Le Havre Normandie on February 13-14, 2020.
- Presented Papers at **The Rise of Asia Conference 2020**: "Digital technologies in Water, Peace, and Development: Some insights of two new Union Territories of India- Jammu & Kashmir and Ladakh" and "Women Empowerment, Gender Mainstreaming and Role of Science and Technology: A Critical Analysis".
- Speaker of a one-day seminar dedicated to "Gandhi and Women's Issues in India" at the Université Le Havre Normandie on February 7, 2020.

#### **Books**

- Bunnett, R.B. and Parihar, S.M., Physical Geography in Diagrams, ISBN 978-93-534-3375-8, (India: Pearson India Education Services Pvt. Ltd), pp520 November, 2019
- Seema Mehra Parihar and P.K. Parihar, Geo visualisation and Hydro Imagination of Jammu & Kashmir and Ladakh :A Contemporary Atlas (2020)

## Research Projects

- ‘Women Empowerment Atlas of India Science Technology Perspective’, SEED Division, Science and Technology for Women), (Major Project-Joint PI), Department of Science and Technology, Ministry of Science & Technology, Government of India. January 2020
- “Devise a Grassroots’ Level Geospatial System for Climate –Stress Management in Bhilangana Basin of Garhwal Himalayas”, (Principal Investigator), from Department of Science and Technology, Ministry of Science & Technology, Government of India (sanctioned on 22 December,2011) Final completion in October 2019 (14.10.2019)

## Research Papers

- ‘Women Agency in India: what really matters?’, Indian Journal of Economics and Development, April 2019, Vol 7 (4), ISSN (online): 2320-9836, ISSN (Print): 2320-9828, p.1-9
- “Hydro Politics in Indian-Subcontinent: Case for a Human Security Framework in Jammu and Kashmir”, International Journal of Latest Engineering and Management Research , ISSN: 2455-4847, www.ijlemr.com , Volume 04 - Issue 09 , September 2019 , PP. 01-09.
- “Dams as Spaces of Architecture : State Iconography in Jammu and Kashmir”, International Journal of Social Science and Economics Invention ISSN: 2455-6289, Volume 06 - Issue 2 , 18 February 2020 , PP. 225-233.
- “ Indus Water Treaty: Between Law and History” , International Journal of Latest Engineering and Management Research , ISSN: 2455-4847, www.ijlemr.com , Volume 05 - Issue 01 , January 2020 , PP. 10-19.

## Selected/Invited Paper/Lecture Presentations

- Presented a presentation on ‘Women Empowerment Atlas of India’ at INSA, New Delhi
- Presented a lecture on ‘**Formulation of Research Projects: Gender Perspective**’ in a workshop on Capacity Building of Women Faculty in Higher Education, National Institute of Technology (NITT), Tiruchirappalli , Tamil Nadu, India, December 2019
- Presented a lecture on ‘**Gender and Scientific Research & Intellectual Property Rights**’ in a workshop on Capacity Building of Women Faculty in Higher Education at National Institute of Technology (NITT), Tiruchirappalli , Tamil Nadu, India, December 2019
- Presented a lecture on ‘**Significance of Research in Higher Education : perspective of a Female Faculty**’ in a workshop on Capacity Building of Women Faculty in Higher Education at National Institute of Technology (NITT), Tiruchirappalli , Tamil Nadu, India, December 2019
- Presented a Paper in an international conference on Satyagaha at IIC, New Delhi. October 2019
- Invited as a Resource Person to conduct 3 lectures on (i)‘**Overview of Aerial Photographs**’; (ii)‘**Overview of Remote Sensing**’ and , (iii) ‘**Overview of GPS and GIS**’ in a workshop on Geospatial technologies for teachers teaching class XI & class XII at KR Manglam World School on 26 May,2019
- ‘**Geospatial technologies crucial to the success of Sustainable Development Goals: Some Insights from the Himalayas**’ presented in **International Workshop** on Land Use and Land Cover Change and Its Impact on Ecosystem and Sustainable Development in High Asia, held at Institute of Economic Growth, University of Delhi, on 18-19 March,2019.
- ‘**Coordinators Insight On IIRS Outreach Programme (2007-2018)**: Faculties Perception from a University Set-up’ presented on March 15th ,2019 during IIRS Academia Meet, 2019 (IAM-2019) at Indian Institute of Remote Sensing (IIRS), Indian Space Research Organisation (ISRO), India. (March14-15 2019).

**Coordinator Workshops** Coordinator of Three workshops related to Gender concerns at KMC in December 2019, two in January 2020 at KMC and Habitat Center, New Delhi.

## AWARD

**IIRS-ISRO ‘ANNUAL AWARD 2018’** on March 16th ,2019 during IIRS Academia Meet, 2019 (IAM-2019), Indian Institute of Remote Sensing (IIRS), Indian Space Research Organisation (ISRO), India.

## Office Bearer

- Member (GIS INDUSTRY)- GIS Academia Council Of India, ESRI, India
- Vice President, Association for Geographical Studies (AGS), Delhi
- Steering committee member of International Conferences held in India (October,2019) & France (Paris & Normandie, February,2020)

**MS. SHIKHA JAIN** (ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE)

**Conferences / Refresher Course / workshop attended**

- National Seminar on “Protecting and Assessing Innovative Ecosystems” organized by IQAC, Kirori Mal College on 06-07 January, 2020.
- Training Programme on 'Service Related Matters' organized by IQAC, Kirori Mal College in association with ISTM on September 14, 2019.
- Summer School on 'AI Assisted Data Analytics' held at IIIT – Delhi from 11<sup>th</sup> – 14<sup>th</sup> July 2019.

**DR. SHIV KUMAR KAUSHIK** (ASSOCIATE PROFESSOR, DEPARTMENT OF MATHEMATICS)

**Research Papers Published**

- **MR4049415** Some remarks on Boas transforms of wavelets. [Integral Transforms Spec. Funct. 31 \(2020\), no. 2](#), 107–117. Indexed by **SCI, Scopus, Math. Reviews and Zentralblatt Math.**
- **MR3942147** Weyl-Heisenberg frames and Balian-Low theorem in  $\ell_2(\mathbb{Z})$ . **J. Math. Phys.** 60(2019), no. 4, 043507, 16 pp. Indexed by **SCI, Scopus, Math. Reviews and Zentralblatt Math.**
- **MR3983762** Frame Based Reconstruction of Signals in Multirate Implementation, **Poincare Journal of Analysis & Applications**, Vol. 2019 (1), Special Issue (ICAM, Delhi), 31-51. Indexed by **Scopus, Math. Reviews and Zentralblatt Math.**
- **MR3924799** Computability of frames in computable Hilbert spaces. **Int. J. Comput. Math. Comput. Syst. Theory** 4 (2019), no. 1, 16-29. Indexed by **Scopus, Math. Reviews and Zentralblatt Math.**
- **MR3894663** Wavelet packet approximation theorem for  $H^r$  type norm. **Integral Transforms Spec. Funct.** 30(2019), no. 3, 231-239. Indexed by **SCI, Scopus, Math. Reviews and Zentralblatt Math.**

**Awards**

NCC Achievers Award (**Best ANO**), organized by the NCC Alumni Club, Delhi, (July 2019)

**Talks/ Lectures**

- **Invited talk** at the **8<sup>th</sup> International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2019)** held at Baku, Azerbaijan from 27-30 August, 2019. (*Title of Talk: Applications of Frames in Quantum Measurement*)
- **Invited Talk** at the **Second International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2019)** held at Pokhara, Nepal from 27-30 June, 2019. (*Title of Talk: Applications of Frames in Nonlinear Approximations and Quantum Information Theory*)
- **Delivered 6 Lectures** on Measure Theory and Lebesgue Integration at Guru Gobind Tribal University, Banswara, Rajasthan during 15<sup>th</sup> October to 18<sup>th</sup> October, 2019.

**DR. SIDDHARTHA LAHON**, (ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS)

**Research publications**

- S Antil, M Kumar, **S Lahon**, AS Maan, “*Pressure dependent optical properties of quantum dot with spin orbit interaction and magnetic field*”, *Optik* 176, 278-286 (2019), 0030-4026, if 1.913
- S Antil, M Kumar, **S Lahon**, S Dahiya, A Ohlan, R Punia, AS Maan, “*Influence of hydrostatic pressure and spin orbit interaction on optical properties in quantum wire*” *Physica B: Condensed Matter, Physica B: Condensed Matter* 552, 202-208 (2019)
- S Dahiya, S Lahon, R Sharma “*Effects of temperature and hydrostatic pressure on the optical rectification associated with the excitonic system in a semi-parabolic quantum dot*” *Physica E: Low-dimensional Systems and Nanostructures* 118, 113918 (2020)

**DR. SUMIT KUMAR SHARMA** (ASSOCIATE PROFESSOR, DEPARTMENT OF MATHEMATICS)

**Research Papers**

- **MR4036322** On frames in finite dimensional quaternionic Hilbert space. *Palest. J. Math.* 9 (2020), no. 1, 511–522. **Math. Reviews and Zentralblatt Math.**
- **MR4019553** Frames in quaternionic Hilbert spaces. *Zh. Mat. Fiz. Anal. Geom.* 15 (2019), no. 3, 395–411. **Scopus, SCI, Math. Reviews and Zentralblatt Math.**

**Talks/ Lectures**

- **Invited talk** at the **8<sup>th</sup> International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2019)** held at Baku, Azerbaijan from 27-30 August, 2019. (*Title of Talk: Perturbations of Frames in Quaternionic Hilbert Spaces*)
- **Delivered 6 Lectures on** Advanced Group Theory at Guru Gobind Tribal University, Banswara, Rajasthan during 9<sup>th</sup> October to 11<sup>th</sup> October, 2019.

**DR. SUNIL KUMAR SINGH** (ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY)

**Research Papers**

- V. K. Sharma, P. Rungta, S. K. Singh, A. K. Prasad. Design and Synthesis of Sugar-Modified and Triazole-Linked Dinucleosides, Trends in Carbohydrate Research, 2019, 11, 60-67.

**DR. SUSHMA PRIYADARSHNA** (ASSISTANT PROFESSOR, DEPARTMENT OF PHILOSOPHY)

**Research Paper**

- Study on Human Rights and Aristotle's Philosophy in the edited book Human Rights and Responsibility

**DR. USHA KULSHRESHTHA**, (ASSOCIATE PROFESSOR, DEPARTMENT OF PHYSICS)

**Papers Published**

- Eur. Phys. J. C 79 (2019) no.6, 496, Sanjeev Kumar, Usha Kulshreshtha, Daya Shankar Kulshreshtha and Jutta Kunz, "*Phase Diagrams of Charged Compact Boson Stars*".

**Invited Talks**

- Department of Physics, University of Oldenburg, Oldenburg, Germany, (June 01 - september 29, 2019)
- International Conference on Algebraic and Analytic Methods in Physics, Institute of Nuclear Physics, Rez, Prague Czech Republic, September 10 - 13, 2019
- International Conference on Light-Cone Physics (LC2019) Ecole Polytechnique, Palaiseau, France, 16-20<sup>th</sup> September, 2019.
- Institute de Physique Nucleaire (IPN), University de Paris Sud, Orsay, France, September 21 - 27, 2019.

**DR. VANDANA MEENA** (ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY)

**Research Papers**

- V. Meena, T. K. Mandal. Topotactic Ion Exchange in a Three Dimensional Close-Packed Trirutile Structure with an Octahedral Network, Inorg. Chem. 2019, 58, 2921 -2924.

**DR VIJENDRA KUMAR PANDEY** (ASSISTANT PROFESSOR, DEPARTMENT OF GEOGRAPHY)

**Research Paper Published**

- Pandey, V.K., Sharma, K.K., Pourghasmei, H.R., Bandooni, S.K., 2019. Sedimentological characteristics and application of machine learning techniques for landslide susceptibility modelling along the highway corridor Nahan to Rajgarh (Himachal Pradesh), India. *Catena* 182, 104–150.
- Prakash, S., Sharma, M.C., Shahnawaz, Pandey, V.K., Chand, P., 2019. Mapping Glacial Geomorphology and Livelihood Resources in Urgos. *J. Indian Soc. Remote Sens.*, 47 (8), 1295-1308.
- Kumar, Rajesh; Pandey, Vijendra Kumar; Sharma, Milap Chand, 2019. Assessing the Human Role in Changing Floodplain and Channel Belt of the Yamuna River in National Capital Territory of Delhi, India. *J. Indian Soc. Remote Sens.*, 47 (8), p. 1347-1355.
- Pandey, V.K., Pourghasemi, H.R., Sharma, M.C. 2020. Landslide susceptibility mapping using maximum entropy and support vector machine models along the Highway Corridor, Garhwal Himalaya. *Geocarto International*, 35(2), 168-187.

**Conference/ Seminar**

- Application of Remote Sensing and GIS based data driven model for landslide hazard assessment along the Tehri-Gangotri highway corridor, Garhwal Himalayas (India). XIV DGSI International Conference on "Global Economy, Sustainable Tourism and Climate Change" Organized by Department of Geography, University of Rajasthan, Jaipur; 27th to 29th September, 2019.



**MR. VIPIN KUMAR (ASSISTANT PROFESSOR, DEPARTMENT OF COMMERCE)**

- Worked as a Co-Convenor in Five Days Faculty Development Programme on Entrepreneurship organised by UGC Community College Kirori Mal College, University of Delhi in association with NIESBUD, Noida held on 25-29 June 2019.

## DEPARTMENTS AND DEPARTMENTAL SOCIETIES

### DEPARTMENT OF BOTANY

“Education is not preparation for life, education is life itself”

Medini – The Botanical Society of Kirori Mal College ended the academic year 2019-20 on a successful note. The session witnessed students working with great zeal and enthusiasm to achieve success both in academics and extracurricular activities.

**Orientation day** July 20, 2019 To establish bonds of friendship and to give a cordial welcome to the freshers, the Orientation Day was organized on. The students were made aware of the course, the faculty and various events and activities of the department.

In the spirit of freedom and liberty, **Independence Day** was celebrated with great zeal and enthusiasm on August 13, 2019. Students expressed their love for mother India through songs and poems. The event was followed by an **Intra-departmental Quiz Competition** on the topic: Kalaedoscopic India.

‘Teachers nourish the soul of a child for lifetime’. To express their gratitude and affection towards their teachers, the students celebrated **Teacher’s Day** on September 5, 2019 with a lot of zest. Medini organized its **Inauguration Ceremony 2019** on September 6, 2019. The event was a huge success. Prof. B.C. Tripathi, Jawaharlal Nehru University and Ex Vice-Chancellor, Ravenshaw University, Odisha graced the occasion with his benign presence. He gave an enlightening lecture on **Role of plant Research in gravity free environment**.

**Freshers Welcome Themed Retro Metro**, was organized on September 18, 2019.

**Cancer Awareness Programme** Medini-The Botanical Society under the guidance of Dr. Ram babu & Dr. Sunil Kumar Dhiman in association with IQAC organized a Cancer Awareness Program on February 27, 2020. The event had a lecture series by Doctors from BIRAC, AIIMS, New Delhi. The program aimed at spreading awareness for various types of cancers like breast, oral, lung etc.

#### WORKSHOPS

**Workshop - Summer training** from June 24 to July 5, 2019 under the DBT Star College Scheme 2019-22 on **Basic Biochemical and Microbial techniques**.

**Workshop under DBT Star College Scheme** The Department of Botany under the DBT Star College Scheme 2019-22 organized a two-day workshop for teachers on **DNA Barcoding and Metagenomics** on September 19-20, 2019. Prof S.B. Babbar, Prof. Sudeshna Mazumdar Leighton, Dr. Geetanjali Yadav, Dr. Hemant Rituraj delivered enlightening lectures to the participant teachers on the new techniques in Bio-informatics and various other topics. A demonstration on In silico analysis of DNA Barcode Sequences was done by the teachers which was demonstrated by Dr. Saloni Malik. Hands-on exercise was conducted on DNA isolation from Environmental samples which was demonstrated by Prof Sudeshna and her students.

**Workshop under DBT Star College Scheme** The Department of Botany under the DBT Star College Scheme 2019-22 organized a **Mushroom Cultivation Workshop** on January 10, 2020

under the guidance of Dr. Rajni Gupta. Students were taught to grow and cultivate mushroom using the basic infrastructure. The workshop aimed at developing entrepreneurial skills in the students. Hands on experience of how to grow mushroom was given to the students and they themselves grew a common mushroom ie. Oyster mushroom. A harvest of about 2 kgs was obtained in the month of February.

### **FIELD VISITS**

Department under the guidance of Dr. Rajni Gupta organized a field visit and presentation on **Mushroom Cultivation** on August 30, 2019. The students were taken to the backyard of the college where mushrooms were profusely growing.

The Department under the guidance of Dr. Sunil K. Dhiman, Dr. Renu Kathpalia and Dr. Archana Singh organized a trip to **Kasol-Manali-Rohtang-Solang** from September 30 to October 6, 2019. Students were taken to various museums, educational institutes like Himalayan Trout Fish Farm, CSIR etc.

The Department organized a visit to **IARI** for II year students on October 24, 2019 under the guidance of Dr. Rajni Gupta, Dr. Vibha, Dr. Saloni, Dr. Maya and lab staff Mr. Sujeet Gautam.

The Department under the guidance of Dr. Ram Babu, Dr. Rajni Gupta, Dr. Archana Singh and Dr. Yamal Gupta organized a trip to **Haryana Agro Industries Corporation, Murthal** on January 23, 2020 under the field trip project of paper “Industrial and environmental microbiology” for the III year students. The main aim of the visit was to ignite an idea of Mushroom Cultivation in the young minds of the budding botanists as an idea for entrepreneurship.

The Department organized a visit to **ICAR- National Institute of Plant Biotechnology** under the Scientific awareness scheme, Ministry of Science and Technology Government of India on February 28, 2020 for 25 students from III year under the guidance of Dr. Ram Babu, Dr. Sunil K. Dhiman, Dr. Renu Kathpalia, Dr. Rajni Gupta and Dr. Archana Singh. The Students were briefed with the basics of scientific research, the current research work going in NIPB. Students were shown high end scientific instruments like PCR, Confocal microscope, Kjeldahl etc. They had a mind engaging, zeal driven exposure to world class lab facilities and astonishing speeches from various scientists.

Students of the department have also successfully contributed in holding its head high by achieving milestones in various fields showing their skills of innovation, creativity, intelligence, intellect, imagination and knowledge. Each year, the MEDINI family takes steps further and work towards achieving more and reach new heights of success to maintain its pride and glory.

### **DEPARTMENT OF BENGALI**

Lecture on **Swaraj Studies and the Reception of Eastern and Western Theories** was organized on January 23, 2020. Lecture was delivered by Dr. Amitava Chakraborty, Associate Professor, University of Delhi and Dr. Sharmistha Sen, Associate Professor, Zakir Husain Delhi College presided the session. Ideas have travelled through the world. In literary studies, critics use ideas and concepts from other cultures. But in the post-colonial situation, these understood in the context of power politics. How the reality of colonialism and the protest against it can shape

our reception of theories. Dr. Amitava Chakraborty discussed these from the perspective of Swaraj Studies and he tried to discuss the history of ideas also.

## DEPARTMENT OF CHEMISTRY

To welcome the fresh batch of students, the **Orientation Programme** was held on July 19, 2019. The year also marked the superannuation of Dr F. Kamil in September 2019, after completing three decades long association with the Department. It is a matter of great pride for us that fifteen of our students from the Department of Chemistry have been selected in **IIT JAM-2020**.

To inculcate effective learning abilities and research skills the Seminar Committee of the Department of Chemistry always carries out various students related academic activities.

### THE INAUGURAL LECTURE'S SERIES

The Chemistry Society (**CHEMSOC**), organized academic lecture series on September 30, 2019. **Prof. Sunil K. Sharma** (Department of Chemistry, University of Delhi) delivered a talk on “Chemo Enzymatic Synthesis of Nano Transporters for Biomedical Applications”. He talked about the various complications related to drug delivery and their limited efficiency and the use of nanotechnology in drug delivery. **Dr. N. K. Chaudhary** (Scientist G, DRDO, Timarpur, Delhi) delivered talk on “Analytical Techniques Interfacing Chemistry and Biology”. He discussed the relation between chemistry & biology and explained how a drug comes into existence, highlighting the role of the two branches of science. He mentioned analytical tools as the link between the two sciences. He highlighted sensitivity and specificity as the major factors for a successful research. **Dr. Laxmi Raghupathy** (Former director, Ministry of Environment and Forests, Government of India) spoke on the topic “Safe Disposal Techniques of Laboratory Chemical Waste”. Her lecture was about the classification of chemical wastes, including the classification according to the guidelines proposed by United Nations. She also explained various packaging techniques of compatible wastes besides encouraging students to access the waste disposal facilities. She highlighted the numerous methods and the earnest need of chemical waste segregation followed by waste management norms and their respective characterisation. **Dr. P. K. Rai** (Scientist F, DRDO) delivered a lecture on “Lab Chemical Safety-Handling and Disposal Techniques”. He began his talk by emphasizing on the fact that information related to safety should be a part of curriculum, right from the under-graduation level. He spoke on the various tragedies, which have happened due to lack of safety measures while carrying out experiments in chemical laboratories. He introduced the concept of MSDS to the young audience and asserted the importance of segregation, labelling, first-aid kit and emergency shower in college laboratories. He especially focused on training the young researchers on safety measures. **The General Chemistry** was conducted at end of the program. The students' participation was appreciable and so was their zeal for the competition.

### NATIONAL CONFERENCE ON EMERGING TRENDS AND FUTURE CHALLENGES (ETFC- 2020)

Department organized 2<sup>nd</sup> National Conference on **Emerging Trends and Future Challenges in Chemical Sciences (ETFC-2020)** on, January 10-11, 2020 at the Conference Centre, University of Delhi. Chief Guest Prof. Gurmeet Singh, Vice Chancellor, Pondicherry University spoke on **Why Be Proud of Our Science?** and his inspirational words instilled a feeling of positivity in the minds of young participants. The plenary lecture was delivered by **Prof. V. S. Parmar**, Medgar Evers College, New York, USA on the topic of **Natural Products-Inspired Discovery**

**and Development of Novel Antimicrobial, and Anti-Inflammatory and Antiplatelet Agents.** It was quite an enriching lecture for the endeavoring chemists which gave them an insight into how organic chemistry is used in drug synthesis. **Dr. Ravi P. Singh**, IIT Delhi, spoke on the topic **Organo- and Photo-redox Catalysis for C-C bond formation**. In his talk, he discussed the importance of vinylogous reactions and their mechanism. **Prof. Ashok K. Prasad**, University of Delhi, talked on **Sugar Precursors to Important Novel Molecules of Importance**. He started his lecture by giving brief idea of bio-renewable resources, the lipase-mediated diastereoselective deacetylation synthesis of conformationally restricted bicyclic nucleoside and the novel synthetic methodology development for the synthesis of chromans. After this session, the poster presentation was conducted, where the participants' enthusiasm was quite evident. **Dr. R. P. Singh**, Scientist G, CFEES-DRDO delivered talk on **Fire Fighting-Environmental and Strategic Concerns and Upcoming Systems**. **Dr. Ravindra Kumar** from Central Drug Research Institute, Lucknow spoke on the topic **Oxidative Cyclization: An Expedient Strategy to Diverse Chiral Carbocycles**. He explained the synthesis of carbocycles (cyclobutane & cyclohexane) from single reaction and talked about the ongoing work on the formation of 6,6,6-tricyclic structure. **Prof. N. Rajmohan**, Manipur University talked on **Multifunctional Magnet Nanocomposites for Cancer Therapy**. He explained about the types of cancer treatment and a new approach towards cancer treatment using magnetic nanoparticles. The second day of the Conference commenced with a plenary lecture by **Padma Shri Prof. V.S. Chauhan**, former Chairman, UGC New Delhi on the topic **Shorter the better: Recombinant Polypeptides to Ultrashort Synthetic Peptides**. He discussed the importance of scientific research and mainly focused on hazardous diseases like malaria, its vaccines and challenges imposed by it. **Dr. Vinod K. Tiwari**, Banaras Hindu University gave a lecture on **Click Inspired Synthesis of Diverse Glycodendrimers and their Therapeutic Potential**. He discussed about science involved in some daily life incidents and useful information regarding carbohydrate-based molecules of chemotherapeutic potential **Dr. Prakash Chandra Mondal** from IIT, Kanpur, spoke on the topic **Concept of Multifunctional Molecular Devices: Challenges and Remediation**. He talked about the conventional electrodes and the carbon electrode along with their pros and cons. **Prof. Rita Kakkar**, University of Delhi, gave a lecture on **Computer Aided Molecular Modelling & Drug Discovery**. A talk on the challenges and opportunities in "The Excellence of Chemistry in Modern Era" was delivered by **Prof. A. K. Bakshi**, Vice Chancellor, PDMU, Haryana. **Dr. Bhanu Prakash** from Institute of Nano Science and Technology, Mohali, presented a lecture on "Fabrication of Microfluidic Devices for the Controlled Institute of Nano Science Synthesis of Nanostructures and Their Online Photocatalytic Response". He informed about the evolution of microfluidic technology, the facilities set up for its research and the application of this technology in sensors and drug delivery. **Prof. M. R. Prathapachandra Kurup** from Central University of Kerala, delivered the lecture on the topic of **Sensing of Al (III) ions through trans-metalation**. The valedictory ceremony was organised including the distribution of "Young Scientist Awards, Best Oral Presentation Awards and Best Poster Presentation Awards".

#### **KHRUSOS- 2020 ANNUAL FESTIVAL**

The annual fest "**KHRUSOS-2020**" organized on March 3-4 2020, saw the coming together of chemistry, research and academics along with fun, entertainment and enjoyment. The fest began with the inauguration and lecture of **Prof. A. K. Bakshi**, Vice Chancellor, PDM University, Haryana. The second lecture was delivered by **Prof. Deepak Gaur**, Director (Admission), Jawaharlal Nehru University, New Delhi, the recipient of the prestigious **Shanti Swarup**

**Bhatnagar Award.** It was followed by the “Poster Presentation Competition” with a great response by students who presented their works on topics like Instrumentation, Green Chemistry and Nanotechnology. The second day began with a lecture by **Dr. Laishram R Singh** from Dr. Ambedkar Centre for Biomedical Research, University of Delhi on the topic “Protein folding problems: What can we learn from it.”

Students performed various colourful reactions in “Colorathon” and then the “Open Mic” brought the artists and poets on the stage. The event was concluded with the valedictory ceremony and comments by the union and executive members of the society. The Teacher-in charge took a moment to praise the victorious participants of B.Sc (H) Chemistry and B.Sc. (P) Analytical Chemistry for their outstanding performance. KHRUSOS marked a glorious end to the co-curricular involvements of the session.

## **DEPARTMENT OF COMMERCE**

‘**Comsoc**’ - The Commerce Society began its activities in the Academic Session 2019-20 by organizing various lectures on themes like, ‘Where Two years of MBA can take you?’ and ‘CAT Replica Seminar’ by IIM Ahmedabad Alumnus on 28<sup>th</sup> August, 2019 followed by interactions on topics like ‘Test-Taking Strategy for CAT’ and ‘How to have an effective GD-PI?’ on 4<sup>th</sup> and 6<sup>th</sup> September, 2019 respectively. The society also invited Mr. Ashish Chugh for a special lecture on ‘Trade Secrets of an Effective Communicator’ on 16<sup>th</sup> September, 2019. The sessions provided an enriching experience to the students.

**ADVENT 2019 - Flagship Fest of the Commerce Society** was organized on 19<sup>th</sup> September, 2019 with competitions like Mock Stock, Negocio, and Encipher - Case Study Competition among others.

**APPULSE’20** was organised on 11<sup>th</sup> and 12<sup>th</sup> of February, 2020. The two-day event witnessed an overwhelming response from students across the University. For the speaker session – **ASPIRATIONS**, Mr. Rajiv Sikka, CEO of Indian Oil, Mr. Sandeep Kochhar, founder of Blew Minds Consulting, Mr. Vilen, a famous YouTuber, and owner of the YouTube channel "Darks Music Company", and Mr. Navin Gulia, an Ex-Army Officer, World Record Holder in Adventure Sports and ‘The President’s Role Model Award’ were invited. It was followed by various competitions like CRYPTOKNIGHTS 2.0, The Mockstock Competition, and CONQUEST among others.

The Department of Commerce also **released the 2<sup>nd</sup> issue of Comércio**, its **bi-annual E-Magazine** on 27<sup>th</sup> September, 2019. In addition, the e-magazine team organized various events to encourage the young minds to think beyond academics. Participants from across colleges had an opportunity to pen down their thoughts through an **Essay Writing Competition organized in association with LIC** on the topic - “Integrity - A way of Life” on 1<sup>st</sup> November, 2019 followed another on 25<sup>th</sup> February, 2020. In order to entice readers’ attention, the team also decided to present the magazine's character and its content in a unique way. An online '**Cover Page Designing Competition**' was thus organized on 9<sup>th</sup> March, 2020 revolving around the themes like Corporate World, International Markets and World Economy. It is a matter of pride that the magazine's cover page for its 3<sup>rd</sup> Issue will be unleashed with the best creativity.

## DEPARTMENT OF COMPUTER SCIENCE

The Department began its session with a warm welcome to the first-year students. The Teacher In-charge, Ms. Geethanjali Kher and the other faculty members, Dr. Mamta Sareen and Ms. Shikha Jain had an interactive session with the new members. They were informed about their course and various rules and regulations of the college. The Computer Science society of the department, **The Computer Prodigies**, under the guidance of Staff Advisor, Dr. Mamta Sareen organized a number of successful events.

### Seminars

On September 6, 2019, an informative seminar on **How to be job ready** was organized. Ms. Suman Kher, a prominent training facilitator from Mumbai shared tips on how to master interview skills.

On October 3, 2019, seminar on **Digital Marketing** by Mr. Shashank Shrivastava and '**How to Win user Mindset**' by Pranav Jha was organized.

**Panel Discussion** On September 17, 2019, in collaboration with Metvy, a panel discussion was organized on topics like 'Entrepreneurship' by Mr. Shawrya Mehrotra; 'Artificial intelligence' by Mr. Shubham Dhingra and 'Digital Marketing' by Mr. Nakul Daksh.

### TECHNIVAL 4.0 – Annual Festival

On February 5, 2020 the annual technical festival was organized. It had a number of events that gained appreciation by all. It also provided the students an opportunity to develop their talents and identify newer aspects of their personality. The fest witnessed the auspicious presence of Mr. Harshvendra Soin, Mr. Anubhav Aggarwal and Mr. Nishkarsh Arora. Overall, this academic year was filled with a number of opportunities for students as well as teachers to learn and grow.

## DEPARTMENT OF ECONOMICS

The Economics Society of Kirori Mal College is dedicated to explore economics beyond the realms of classroom learning.

**Freshers Welcome** On September 2, 2019 the newly admitted students were whole heartedly welcomed into KMC ECOSOC.

### SEMINARS/LECTURES

To mark the beginning of the academic session 2019-20, ECOSOC KMC organised an **interactive talk** on July 26, 2019 with Prof. Sudipta Sarangi, Department Head of Economics at Virginia Tech University and also an alumnus of our college. He spoke on the topic **Are more choices better and other tales about decision making**.

**EcoLixir '19- A taste of economics** With the constant efforts put in by the core members and enthusiastic work by the newly admits, Ecosoc hosted its bi-annual event christened on October 22, 2019. BHAVARTH, the Hindi Debate Competition that saw diverse lines of argumentation from teams on the topic 'Globalization has hampered the Indian integrity' and Quiz session PRASHANOTTRI-The Economic and Business Quiz were organized in collaboration with the KMC Quiz Club and involved participation of 20 teams. The highlight of our intriguing event EcoLixir'19 was the speaker session by the renowned economist, **Professor Jayati Ghosh**, Jawaharlal Nehru University who spoke on topic **Recent economic slowdown of India**.

Second edition of the official **One Plus Community Meet Up** conducted on November 8, 2019. The meet up was a perfect place for the fans and tech-savvy people where OnePlus inspired people with their success story.

“Genius is 1% Talent and 99% hardwork” is a motto Civil Services aspirants live by. Ecosoc KMC, in collaboration with KSG institute conducted a seminar on November 8, 2019 for all the UPSC aspirants.

#### **PARETO TIME '20 – the annual festival**

It was organised on January 27-28, 2020 and witnessed a fabulous start with the speaker session by Prof. C.P Chandrshekar, JNU who spoke on **The roots of stagflation in the Indian economy and India's economic future**. Several interesting events were organized - IPL Auction which was a mock IPL Auction, INQUIZZITIVE – for the quizzing enthusiasts; STOCKOLOGY, NEGOTIATING BUREAUCRAT and Speaker session by Mr. Anil Bisen, retired bureaucrat and an alumnus of the college. The annual magazine of the society **OIKOS** was also released.

On February 5, 2020, a seminar in the field of experimental economics was conducted by our alumnus Dr. Ritesh Jain, Research Fellow at The Institute of Economics, Academia Sinica, Taipei, Taiwan on the topic **A Systematic Test of the Independence Axiom: Around Certainty**.

Interactive session was conducted by Dr. Himani Baxi of Ahmedabad University on February 10, 2020 on the topic **Five Trillion Dollar Economy and India's Economic Slowdown**.

### **DEPARTMENT OF ENGLISH**

#### **Grub Street, the English Literary Society**

The registration desk was set up and the gleaming banners were put up, as soon as the Delhi University admissions culminated in August. The year was kicked off with an orientation on August 5, 2019 for all the first year students who had signed up. They were briefed about the proceedings of the society that would take place the year round. Without further ado the first reading session took place in the same week on August 8, 2019 on the short story ‘Thanda Gosht’ by Saadat Hasan Manto. On August 9-10, 2019 found themselves lost within the words of Faiz Ahmed Faiz amidst another reading session of his nazm called ‘Mujhse Pehli Si Mohabbat’ On August 13, 2019, there was the session's first movie screening of ‘Manto’ directed by Nandita Das. Before the busy month of August ended, they also managed to conduct a few more reading sessions on ‘The Circular Ruins’ by Jorge Luis Borges, the poem ‘Five Ways To Kill A Man’ by Edwin Brock and ‘The Stolen Bacillus’ by H.G. Wells, on 19<sup>th</sup>, 22<sup>nd</sup> and 28<sup>th</sup> August respectively. But in between some time was also taken out to break the ice in the society's most anticipated session called The Writers' Anonymous. It took place on 20<sup>th</sup> August, and a massive response was received.

On September 6, 2019, members were grateful to have a session with Saumyajit Bhattacharya from the Economics Department who gave a talk on ‘Gender and Labour’. This was followed by a session in which the society members discussed the points raised in the talk with respect to Toni Morrison's ‘Beloved’. This was followed by a session called “Is it really wrong? If yes, then why?” where the students discussed ideas and views of ethicists and philosophers like Peter Singer, James Rachels, Friedrich Nietzsche and Jean-Paul Sartre on ‘Morality, Subjectivity, Relativity, Nihilism and Existentialism’ on 16<sup>th</sup> of September. Next day was followed up by a closed group discussion on ‘Caste and Representation’. Further on, we had a session on ‘Feminism’ on 19<sup>th</sup> September which was centred around Luce Irigaray's essay "Commodities among themselves". As the first years started to get a hang of how things got on within GrubStreet, they suavely managed the **Freshers' Talent Show** on September 21, 2019 with a whole lot of glitter and gusto. This was followed by a reading session of the book ‘The Little



Prince' by Antoine de Saint-Exupery on September 24. Finishing off the month on 26<sup>th</sup> September, the society got along with the campus ambassadors of Wattpad India – an internet community of readers and writers – to hold a workshop for aspiring writers. The students met after the mid-semester breaks on the 17<sup>th</sup> of October for a discussion on 'Prostitution' that revolved around the reading of a couple of chapters of Simone de Beauvoir's 'The Second Sex'.

The preparations for the annual fest started in November and continued throughout December and January. The members took up duties as per their field of interest ranging from décor and competitions to hunting for sponsors and keeping up with the finance. The students managed to organize a discussion on 'The language of film and representation of masculinity in films' through Vasana Bala's movie 'Mard Ko Dard Nahi Hota' on 18<sup>th</sup> of January in the middle of the preparations for the fest. Bohemia'20 took place on 20<sup>th</sup> and 21<sup>st</sup> February and was a huge success despite the usual conundrums. The theme of the fest was Prison Literature and day one observed paper presentations and speaker sessions on the same. While day two was more exuberant with the various competitions, an open mic and a workshop on book publishing. The members worked hard and later on met for a couple of general body meetings to analyze the time where they fell short and how they should make up for it in the future fests. This was followed by a reading session of John Donne's "A Valediction: Forbidding Mourning" on 2<sup>nd</sup> of March.

## **DEPARTMENT OF GEOGRAPHY**

The Department of Geography organised several lectures and field visits in the Academic year 2019-2020. The students elected their representatives for the Geography Association through democratically conducted elections held on August 20, 2019. The Union selected for 2019–2020 is President – Pankaj Bohra; Vice President – Mohd. Parvez; General Secretary – Rajat Panwar; Joint Secretary – Parul Verma and Treasurer – Prastuti Sharma

### **Field Visits**

Educational visits to **Indian Meteorological Department** were organised for the II Year and the III year. The students of **B.A.(Hons.) Geography, II Year** visited Indian Meteorological Department on September 19, 2019. They were accompanied by Dr. Anshu, Dr. Karuna Shree and Dr. Vijendra Kumar Pandey. Three Divisions of the Meteorological stations were visited – Central Hydro met Observatory, National Centre for Satellite Meteorology and National Weather Forecasting Centre. The students got the opportunity to see the new advancement in Satellite meteorology, radar, real time monitoring for weather forecasting and data collection and processing of INSAT 3D. Animated forecasting of Cyclones was shown to the students on the website of IMD.

The students of **B.A. (Hons.) Geography, III Year** visited Indian Meteorological Department on March 4, 2020. They were accompanied by Dr. Anshu, Dr. Vijendra Kumar Pandey, Mr. Nikhil Roy, and Mr. Himanshu Mishra. Three Divisions of the Meteorological stations were visited - Central Hydro met Observatory (CHO), National Centre for Satellite Meteorology, and National Weather Forecasting Centre (NCWF). The students got an opportunity to understand the role of Radars and satellite meteorology for detection of various weather systems like thunderstorms, hailstorm and tracking of cyclonic storms. How these are used in rainfall estimation and hail warning by NCWF. Various meteorological, hydrological and measurements made using Doppler weather radar are advantageous to the forecasters. Radars help to estimate the storm's intensity, location and in forecasting its track of movement and associated weather

phenomenon. IMD has upgraded the conventional radars in the observational network with Doppler radars using digital technology.

**Lecture on Best Practice Approaches to Research with Special Focus on Disaster Risk Reduction:** Department organized lecture on “**Best Practice Approaches to Research with Special Focus on Disaster Risk Reduction**” by Dr. Richard Johnson and Dr. Esther Edwards on October 25, 2019. The two eminent speakers were Faculty at the Bath Spa University, United Kingdom. They addressed the students of the Geography regarding the field work as an important component of Geography. They highlighted their experiences during flash floods that occurred in Phozal Nala, in Kullu district in 2017.

**Lecture on Environment and Development:** Department organized a talk as a part of the Special Lecture Series on “**Sustainable Development and Issues in Natural Resources of our Environment**” by Prof. Nehal A Farooquee, School of Extension and Development Studies, Indira Gandhi Open University. Quoting the famous economist Gunnar Myrdal from *Asian Drama*, he explained the philosophy of development. He discussed major development indicators: Economic, Social, Infrastructure, Psychological and Cultural. Prof. Farooquee introduced the students to the eight development paradigms – in which development is perceived in terms of its manifestations, process and causes through a certain prism. He discussed the major environmental issues and some of the measures for promotion of sustainable development.

**Lecture on Knowledge Ecosystem and Innovation in Digital Economy:** As part of Geography Lecture Series, the Department on February 15, 2020 organized talk by Prof. Min Ren Yan, Chair, Chinese Culture University, Tai pei. Dr. Yan discussed the strengths of economy of Taiwan and its place in the globalized world. According to him, Taiwan being a small island is devoid of many natural resources and harnessed its human resource to great economic advantage. Taiwan’s workforce is extremely skilled and is a major contributor of innovation in digital technology. Coupled with this is the favourable geographic location of Taiwan in the Pacific Ocean and acting as a bridge between the giant economies of USA and China. Thus, by using its geographical space, Taiwan has been able to become a highly developed economy which is now an integral part of the globalized economy.

**Workshop on GIS- Geographic Informatics System** On March 2, 2020 the Department organized workshop in collaboration with SWASTIK EDUSTART – GEOSPATIAL TRAINING INSTITUTE. The workshop was conducted by Ms. Bratati Dey, Head Faculty at the Institute who briefed students regarding Geo informatics techniques like Remote Sensing, LIDAR, WEB GIS and GPS. Students were also familiarized about various career options in the field of GeoInformatics and significance of GIS skills in different fields. It was an enriching experience for the students.

## DEPARTMENT OF HINDI

"हिन्दी संगोष्ठी" किरोडीमल महाविद्यालय के हिन्दी विभाग की ऐसी इकाई है जिसके माध्यम से प्रतिवर्ष विद्यार्थियों के ज्ञानार्जन हेतु कई गोष्ठियाँ कराई जाती हैं। इस शैक्षणिक सत्र 2019-20 में "हिन्दी संगोष्ठी" द्वारा कुल दो कार्यक्रम कराये गए जिसमें पहला कार्यक्रम **17 सितम्बर 2019** को "हिन्दी संगोष्ठी" द्वारा

एक गोष्ठी कराई गयी जिसका विषय था- "महापण्डित राहुल सांकृत्यायन और शिवपूजन सहाय जी का हिन्दी साहित्य में योगदान।" इस गोष्ठी में डॉ. विमल कुमार, डॉ. कुमकुम यादव एवं श्री राकेश रेणु जी जैसे विशिष्ट वक्ताओं की उपस्थिति रही। "विश्व हिन्दी दिवस" के मौके पर 10 जनवरी 2020 को "हिन्दी संगोष्ठी" द्वारा एक गोष्ठी और कराई गयी, जिसका विषय था- "हिन्दी का वैश्विक परिदृश्य।" इस गोष्ठी में डॉ. किरण नंदा तथा डॉ. प्रेम तिवारी जैसे विशिष्ट वक्ताओं की उपस्थिति रही। इन दोनों कार्यक्रमों का आभार ज्ञापन डॉ. महेश कुमार द्वारा किया गया। इन कार्यक्रमों में विभाग के अध्यापकों में डॉ. विद्या सिन्हा, डॉ. वीना जैन, डॉ. ऋतु, डॉ. रोहित, डॉ. प्रज्ञा और डॉ. नामदेव आदि उपस्थित रहे। "हिन्दी संगोष्ठी" के कार्यक्रम, विभागाध्यक्ष डॉ. महेश कुमार के सानिध्य में, डॉ. बली सिंह के परामर्श से तथा डॉ. मंजु रानी के संयोजन में सम्पन्न किए गए। "हिन्दी संगोष्ठी" के छात्र प्रतिनिधियों में पिंटू कुमार ने अध्यक्ष पद सम्भाला, उपाध्यक्ष सोनल, अंकिता, सृष्टि, कोषाध्यक्ष कोमल, महासचिव कनुप्रिया, सचिव शिवजीत तथा सह- सचिव कृषांगी व रोहन रहे। विभाग के सभी सदस्यों ने इन कार्यक्रमों में महत्वपूर्ण योगदान दिया।

हिन्दी विभाग की "नवकल्पना" भित्ति पत्रिका का अनावरण 17 सितम्बर 2019 को हिन्दी विभागाध्यक्ष डॉ. महेश कुमार के साथ डॉ. विमल कुमार, डॉ. राकेश पाडेय, खालिद, डॉ. बली, डॉ. प्रज्ञा, डॉ. रसाल, डॉ. शोभा, डॉ. रोहित, डॉ. ऋतु, की गरिमामयी उपस्थिति में सम्पन्न हुआ। इस अवसर पर विभाग के सभी शिक्षकों व छात्रों की उपस्थिति रही। "नवकल्पना" को सत्र 2019-20 में "उड़ान" शीर्षक से प्रस्तुत किया गया है।

**6 फरवरी, 2020** किरोड़ीमल महाविद्यालय | हिन्दी विभाग की एक महत्वपूर्ण इकाई ' हिन्दी साहित्य परिषद्' द्वारा वार्षिकोत्सव 'आकांक्षा' महोत्सव का आयोजन किया गया। 'हिन्दी साहित्य परिषद्' के माध्यम से विद्यार्थियों में छुपी हुई प्रतिभा को निखारने हेतु, विभिन्न प्रकार का प्रतियोगिताओं का आयोजन किया गया है। जो इस प्रकार हैं-

1. **कविता पाठ प्रतियोगिता-** इस प्रतियोगिता में विश्वविद्यालय के विभिन्न महाविद्यालयों से विद्यार्थियों ने आकर बढ़-चढ़ कर हिस्सा लिया। तथा इस कार्यक्रम में डॉ. पल्लव, जो दिल्ली विश्वविद्यालय के हिन्दू महाविद्यालय में प्राध्यापक पद पर कार्यरत हैं, तथा डॉ. नीलम, जो कि लक्ष्मीबाई महाविद्यालय में शिक्षण कार्य कर रहीं हैं, एवं डॉ. प्रज्ञा, जो किरोड़ीमल महाविद्यालय में प्राध्यापक पद पर कार्यरत हैं, निर्णायक मण्डली के रूप में उपस्थित रहे।

2. **निबंध प्रतियोगिता-** इस प्रतियोगिता में भी विभिन्न विश्वविद्यालयों से प्रतिभागियों ने आकर अपने अंदर की लेखन प्रतिभा का सार्थक प्रयोग किया और दिए गए विषय (उपभोक्तावादी संस्कृति और धर्म) पर अपने विचारों को निबंध रूप में परोया, तथा इस कार्यक्रम में निर्णायक पद पर डॉ. अमन रहे, जो वर्तमान में किरोड़ीमल महाविद्यालय में शिक्षण कार्य कर रहे हैं।

3. **साहित्यिक प्रश्नोत्तरी प्रतियोगिता-** इस प्रतियोगिता के माध्यम से विद्यार्थियों के अन्दर की साहित्यिक प्रतिभा को निखारने का सफल प्रयास किया गया, इस कार्यक्रम में नीर-छीर विवेकी निर्णायक पद को डॉ. रोहित ने बड़ी ईमानदारी के साथ सम्भाला।

4. **चित्र पहचानो प्रतियोगिता-** इस प्रतियोगिता में विद्यार्थियों ने साहित्यकारों को पहचान कर अपनी प्रतिभा को उजागर किया, तथा इस प्रतियोगिता का नीर-छीर विवेकी निर्णय डॉ. मंजु रानी ने बड़ी ईमानदारी से दिया।

वार्षिक 'आकांक्षा' साहित्योत्सव में डॉ पल्लव ,डॉ नीलम, डॉ बीना जैन, डॉ बली सिंह, डॉ प्रज्ञा, डॉ रोहित कुमार, डॉ मंजु रानी तथा डॉ अमन ने अपना कीमती समय दिया,इसलिए आप सभी भद्र जनों का बहुत-बहुत धन्यवाद। 'हिन्दी साहित्य परिषद्' द्वारा आयोजित 'आकांक्षा' साहित्योत्सव के परामर्शदाता डॉ. नामदेव, तथा परामर्शदात्री डॉ. ऋतु वार्षणेय गुप्ता के सानिध्य में सम्पूर्ण कार्यक्रम सफलता पूर्वक सम्पन्न कराया गया। 'हिन्दी साहित्य परिषद्' के छात्र प्रतिनिधि, अध्यक्ष- सुधीर, उपाध्यक्ष- अनामिका,अंकुश,रजत,प्रमोद और विकाश सिंह, कोषाध्यक्ष- सुबीत प्रताप सिंह,सचिव- एम.एस. सरस्वती दुबेऔर एकता, सह-सचिव- हिमांशु झा और मनीष कुमार ने तथा विभाग के सभी सदस्यों ने मिलकर 'आकांक्षा' साहित्योत्सव का सफल आयोजन किया। अतः कार्यक्रम में उपस्थित अतिथिगण ,विभाग के सभी सदस्यों तथा आगंतुक प्रतिभागियों का 'हिन्दी साहित्य परिषद्' की तरफ से तहदिल से धन्यवाद

## DEPARTMENT OF HISTORY

**Orientation 'Legacy'** - The History Society of Kirori Mal College conducted an orientation for its Urban History Research Project on August 9, 2019. This ongoing project aims at reconstructing the history of an urban village neighbourhood - Chandrawal. Dr. Shahana Bhattacharya concluded the event by thanking everyone and urging more people to join this new endeavor.

**Freshers Welcome** Interactive Session with Freshers took place on September 3, 2019

### **Field Visit: Delhi**

'Legacy'- The History Society of Kirori Mal College, Delhi University organized a field trip to the Parliament of India and the National Museum on August 20, 2019. The purpose of the visit was to enhance knowledge about the past and improve awareness related to the proceedings which take place in the parliament. The students were amazed when they saw the statues and portraits of the eminent personalities who devoted their lives for the country. The next visit was to the National museum which is one of the largest museums in India. It's a great structure which houses the remains from the past used to reconstruct history. The students learnt about Ancient India and its sources. It gave a chance to the students to broaden their horizons by adding more to their experiences.

### **Field Visit: Aurangabad**

The students went for the Annual Trip to heritage sites in and around Aurangabad from January 9- 14, 2020. The purpose of the visit was to enhance knowledge about these heritage sites which included the Ajanta Caves, Ellora Caves and Bibi ka Maqbara.

**Autumn Sports Meet** The History Society hosted its Autumn Sports Meet on 26th and 27th of September, 2019. This included the Cricket Championship and the Basketball Tournament

**Lecture on ‘Gandhi: An Impossible Possibility’** - (Lecture Series-1) Legacy – The History Society of Kirori Mal College conducted a lecture event namely **Gandhi: an Impossible Possibility** on 24th January, 2020 which was graced by Contemporary historian and author Prof. Sudhir Chandra. The premise of the lecture was rooted to the book *Gandhi: An Impossible Possibility* (New Delhi: Routledge, 2018. 152 p.) authored by Prof. Chandra himself. Currently, the deemed speaker has been primarily engaged in understanding the nature of modern Indian social consciousness as it began to shape as a consequence of colonial intervention. Prof. Chandra initiated the address by describing his process of discovering Gandhi and the relevance of his ideas in today’s age and time. He also focused attention on the dialogue between Gandhi and Nehru (1945) and their differentiating discourses of ‘New India’. For Prof. Chandra, the hard times we live in demands to create possibilities to make impossible, a possibility. He concluded with a view that the world was never ready for someone like Gandhi ever before, as it is now.

**Winter Sports Meet** - Volleyball Tournament 27th January, 2020. After successfully conducting the Autumn Sports Meet, Legacy organized the Winter Sports Meet in which Intra-Department Volleyball was held.

**Lecture on ‘Sugar And Spice & All Things Nice?’: Colonialism’s Culinary Encounter’** (Lecture Series - 2) 'LEGACY' – The History Society of Kirori Mal College hosted a talk on “Sugar And Spice And All Things Nice?: Colonialism’s Culinary Encounter” on 13th February with Dr. Saumya Gupta. The session started off with her explaining the connection between food history and colonialism. It is remarkable as to how food history as a discipline has come about. From narrating the story of Potato to the invention of Garam Masala in the New World, her session was very intriguing to the audiences. The lecture was followed by a brief question and answer round where the students enthusiastically interacted with the professor.

**Professor KM Ashraf Memorial Lecture** 'Legacy'- The History department of Kirori Mal College organized it's Annual Professor KM Ashraf Memorial Lecture on the 28th of February of 2020. **Professor Sunil Kumar**, the keynote speaker for the event, delivered a lecture on “**Reconstituting the Archive of Hazrat-i-Dehli: The Sultans, the Sufis and the Riverine plain of Delhi**”. He drew out the complicated politics of associations, forgetting and remembering, that became a part of the history of the Sultanate. He focused on some of the water bodies of the Sultanate- its seasonal streams, tanks and stepped wells (baolis) - to underline the careful investment made by different regimes into their planning and management.

**Lecture on ‘Dr. B.R. Ambedkar And Struggles For Equal India’**(Lecture Series-3) 'LEGACY' – The History Society of Kirori Mal College conducted a lecture on “Dr. B.R. Ambedkar and Struggles for Equal India” by Dr. Santosh Kumar Rai on 28th of February. Dr. Santosh Kumar Rai started his lecture by highlighting the presence of Ambedkar’s ideas in the recent acts of dissent. He talked about how Ambedkar is studied in a Nationalist paradigm. He also focused on the background of Ambedkar and how it contributed in creating an alternative discourse.

**Lecture on ‘Visibilising Muslim Women In History: Tawaifs As Literary, Cultural And Political Subject’** (Lecture Series - 4) 'LEGACY' - The History Society of Kirori Mal College conducted a lecture on "Visibilising Muslim Women in History - Tawaif as Literary Cultural and Political Subject" by Dr. Lata Singh on 28th of February. Dr. Lata Singh started the lecture by addressing the importance of the tawaifs in ancient history and how it has been overlooked by

the people. Women have played an important role in the past nevertheless we erode women's life in history. She accentuated on tawaifs who had a great role to play in poetry, music and various programmes. She also said that these women took up the highest position and were part of the advisory board. They were the first professional single working women of the era, and it's our illiteracy to ignore them. She emphasised on tawaifs as an important part of the world of art and culture and how the history of kathak and hindustani music has been the history of the tawaifs. Dr. Lata Singh told the students how the tawaifs competed with the men in the Mushai'rah. These dignified women of the past such as Gohar Khan, act as an inspiration for today's generation yet they are erased from history. The lecture concluded with Dr. Lata Singh guiding the students towards the importance of re- writing the history and a question- answer session. Overall, it was an amusing and enthralling lecture which made sure to expand knowledge and broaden one's perspective.

**ATEET – Annual Festival** The History Society of Kirori Mal College conducted its Annual cultural fest **ATEET** on 5th and 6th of March, 2020. Following the theme of “Cultural Syncretism”, the society hosted numerous events. The event started off with a lecture delivered by Dr. Ajeet Kumar on “**Oral Traditions and the Making of World Views of Maithilis**”. Other events in the festival included musical performance by Hamir Singh, followed by a small Stand-Up act by Kevin Sam and Md. Anas. The fest concluded after a Slam Poetry event in which the students recited their poems.

## **DEPARTMENT OF MATHEMATICS**

The Department of Mathematics has a history of nurturing academics, research, extra-curricular activities and evolving team work. The mathematics society “Tensors” began the academic session 2019-20 with a organization of a formal fresher’s party on 26<sup>th</sup> Sep. 2019 .This induced a sense of camaraderie between the seniors and the juniors. On Jan. 08, 2020, The Department of Mathematics welcomed two eminent professors from United States of America. Prof. Sat N. Gupta, Professor and Head, Department of Mathematics and Statistics, University of North Carolina, USA enlightened the students and teachers with his talk on “**Under-graduate research at Foreign Universities**”. In his talk, he highlighted the significance of under-graduate research and share examples of research projects that the under-graduate students are capable of handling.. Prof. Gupta told the audience about the various funding agencies such as “National Science Foundation, Mathematical Association of America and the National Security Agency. He explored the possibilities of pursuing summer training programs of 10 weeks duration in this university. His talk was followed by another talk delivered by Prof. Pramod Kanwar, Professor, Department of Mathematics, University of Ohio, USA. He delivered a talk on the topic “**Journey from integers to rings**”. He told the students how the basic mathematical operations like multiplication, addition, commutativity etc., got changed when we move from integers to rings.

“**The Tensors**” celebrated its much-awaited annual academic festival SUPREMUM 2020 from 18<sup>th</sup> – 19<sup>th</sup> Feb, 2020. It endeavoured to bring together the creative potential of young minds by providing them a great platform to show their talents in various intellectual and co-curricular fields. The department carried forward the legacy of conducting **Qazi Zameeruddin Memorial Lecture** by inviting **Prof. Shobha Bagai**, Cluster Innovation Centre, University, Delhi to deliver a lecture on **Reinventing the wheel- The calculus way**. Other events that were educational yet

exciting were Ranganit, Tarkchakr-The debate competition, Know it all- the quiz, Open Mic, The Sherlock Diaries, Expressions: the pen-paper presentation, Fandom Quiz, 221 Baker's Street, Expressions and many more.

## DEPARTMENT OF PHYSICS

The Department of Physics conducted various events during the academic year 2019-20, which included: (1) Formation of Physics Astronomy club and Physics Robotics Club (2) Visits to Research and Scientific labs (3) Invited lectures by eminent personalities on the current research, to motivate students and impart knowledge to them in the field of Science and Technology (4) The physics fest "Green Newtonian" which included seminar, debate, circuit making competitions, scientific model and paper presentation. In addition, other events including educational trips, sky-watch event, workshop, lecture series were also organized by the Physics department under the aegis of DBT Star college Scheme. The detailed report is as follows:

### **Formation of Physics Astronomy club and Physics Robotics Club**

During the academic year 2019-2020, the Department of Physics initiated two Science and Technology themed clubs namely (a) Physics Astronomy club and (b) Physics Robotics club for Physics undergraduate students. Under the activities of these clubs - three teams of students of 1st and 2nd year B.Sc. Physics (Hons) course of our college took part in **International Asteroid Search Campaign (IASC)** which is a citizen science campaign organized by NASA. The participants were provided with the image sets to analyze and our teams made a total of 28 preliminary discoveries. Further, a sky-watch session was conducted by The Physics Astronomy Club. The students and faculty got the opportunity to explore the space using a telescope. They were given opportunity to observe the largest planet of our solar system: Jupiter along with its Galilean moons - Europa, IO, Calisto and Ganymede, the most beautiful and the ringed planet i.e. Saturn and finally deep craters on the surface of our Moon, through the telescope. Under the activities of Physics Robotic club, students of our department took part in E-yantra Robotics Competition organized by IITB. A team of 4 Physics undergraduate students qualified till stage-2 of the competition. The competition included 4 stages and they were in the top 50 till the last stage.

### **Visit to National Physical Laboratory: 30<sup>th</sup> September 2019**

A group of thirty students and five teachers from Department of Physics, Kirori Mal College, University of Delhi visited the National physical Laboratory, New Delhi on the occasion of CSIR-NPL foundation day (CSIR-NPL Open day) on 30th September 2019. On this day, NPL invites college and school students to explore their state-of-art experimental facilities and laboratories in various research fields to gain knowledge on the Indian standards maintained by NPL. During this visit, students got opportunity to visit laboratories related to (1) **Vacuum Standard**, (2) **Pulsed Laser Deposition (PLD) facility**, (3) **Cryogenic facility**, (4) **Liquid Nitrogen facility**, (5) **Inorganic Solar Cell facility**, (6) **DC Current standard**, (7) **gas sensors**, (8) **organic solar cell and organic light emitting diode preparation laboratories**. Finally the movie prepared on the working of National Physical Laboratory was watched at NPL Auditorium

## **GREEN NEWTONIAN – Annual Festival 14-15 February 2020**

The Department of Physics, organised Physics festival - GREEN NEWTONIAN'20 on 14<sup>th</sup> and 15<sup>th</sup> February, 2020. This year Physics festival Newtonian was renamed as “**Green Newtonian**” to emphasize on “**GO GREEN**” concept. **Waste materials** like cardboard boxes, old newspapers, assignments, practical files, waste paper foils and exam sheets were collected from the Physics department and college campus areas. **Decoration** items like stars and hanging quotes were made out of old assignment sheets instead of using Flex boards made of synthetic material. The **scientific models and games** were made from waste plastic bottles, paper scraps and paper straws. A **Sand pendulum** was made from waste plastic bottle and sand, **electric Buzz wire model** was made from waste aluminum foil and waste straws, **Mechanical claw** was made from old file covers, straws and cardboard, **Hologram** from old cardboard box, **Whirlpool** (cyclone formation by air pressure under specific condition) using 2 litre coca cola bottles. The miniature models of the **Mangalyaan lander** and **Robots**, the centre of attraction at the fest, were made from waste material as listed above. **Refreshment and lunch** were served on non-plastic plates and bowls. We tried our best to use only biodegradable items. We succeeded in recycling many things and in the process we saved some money. Our Principal, Prof. Vibha Singh Chauhan inaugurated the event using LED lamps made by students in physics lab (instead of oil lamp) and delivered a welcome address.

During the festival, a large number of **events** were organized to impart knowledge and develop the skills of the students. Students from many other colleges also participated in these events. Highlights of the festival are: **(1) Invited Lectures** by Prof. Amartya Sengupta, IIT Delhi, on “**Optics, Spectroscopy and its Application**” and by Prof. T. R. Seshadri on “**Surprises from the sky**”. **(2) Debate competition** on the topic “Artificial Intelligence”. **(3) Circuits competition** - circuit making competition which was held in three rounds: (a) Guess the apparatus (b) Design the circuit (c) Written test related to circuits, symbols and errors in the circuits. Students participated in all the events very enthusiastically and learnt a lot about basic circuits in physics. **(4) Explain it well competition** - Paper presentation competition in which the participants explained scientific theories, concepts or principles with their individual insights. The session was very interesting and innovative for students. **(5) Brain it on competition** - A general quiz competition **(6) Online photography competition-RAYZ** - An online photography competition was also held based on the theme “Reflection”.

#### **Visit to Inter University Accelerator Centre: February 28, 2020**

The students of department visited the Inter-University Accelerator Centre (IUAC) New Delhi, to participate in one day workshop on **National Science Day** held on 28 February, 2020. After a welcome note by the Director, IUPAC, Prof. A.C. Pandey, participants attended the lectures by experts in various fields: Dr. D. K. Aswal, Director, CSIR- National Physical Laboratory, enlightened the participants by revisiting the SI units and their implications; Mr. R. Mehta, IUAC, explained the working of particle accelerators and their importance; Dr. A. Tripathi, IUAC, shared insights about the Materials Science Research activities in IUAC. After the series of lectures all the participants visited various facilities at IUAC.

#### **Physics Events under DBT Star college scheme**

A visit to Electronic Material and Device Laboratory (EMDL), Department of Physics and Astrophysics, Delhi University was organised on 24<sup>th</sup> September 2019 and National Science Center, Pragati Maidan on 28<sup>th</sup> February 2020 in which a number of Physics undergraduate students along with the faculty members participated. Further sky watch event along with a talk on basic Astronomy by the Prof. N. Rathnasree, Director of Nehru planetarium was organised on 14<sup>th</sup> October 2019. A lecture series spread over three days, on Quantum Mechanics was held on



19<sup>th</sup>, 20 and 21 October 2019. The lectures were delivered by Prof. Kamal Dutta, former Professor of Department of Physics and Astrophysics, Delhi University. A workshop for teaching and Non-teaching staff was organized on 24<sup>th</sup> January 2020 to demonstrate use of Digital Storage Oscilloscope which was bought out the funds provided by DBT star college scheme. Dr Sangeeta D Gadre, Dr. Raksha Sharma and Dr. Agam Kumar Jha supervising undergraduate students of B. Sc (H) Physics for their project work under DBT Star College Scheme.

## **DEPARTMENT OF POLITICAL SCIENCE**

The Department of Political Science has actively and substantively organized a gamut of academic events and programmes throughout the session of 2019-20. On 20<sup>th</sup> August 2019, the functioning of La Politique, the association of the department, commenced with the orientation programme arranged particularly for the 1<sup>st</sup> year students of the department. On September 2, 2019, democratically elected Union of the department was formed, with Heena Makwana and Pankaj Yadav elected as the President and Vice President respectively. General Secretary Surabhi Das along with the worthy Joint Secretaries and Executive Council members further glorified the team.

On 20<sup>th</sup> September 2019, La Politique organized an official **Fresher's Welcome** programme with a view to promote interaction and bonding among all the students of the department. On 18<sup>th</sup> October 2019, La Politique in collaboration with North East Students' Cell of Kirori Mal College organized a **panel discussion** on **National Register of Citizens (NRC) and Citizenship Rights**. Two eminent penalists, namely, Ms. Sangeeta Barooah Pisharoty, Deputy Editor, The Wire and Prof. Apoorvanand, Professor of Hindi, University of Delhi delivered an engaging and enriching session. Enthusiastic participation of students with their inquisitive interventions and critical questioning marked the success of the event. The fresh week of January 2020 witnessed a remarkable session on "**The USA and West Asia: Global Implications**". Prof. Sanjeev Kumar HM of University of Delhi was the keynote speaker who delivered an insightful and thought-provoking lecture on the theme. The session was followed by book launch of the book titled "**Global Politics**" written by **Dr. Rupak Dattagupta**. La Politique also promoted and facilitated in-house discussion among the students of the department offering them an exposure to democratic culture of debate and deliberation. One of the first such sessions was on, "**Has CAA imperilled the secular character of India?**" which was held on 27<sup>th</sup> January 2020. Carrying on the legacy of the department, La Politique organized the third edition of Frank Thakurdas Memorial Lecture on "**Gandhian Vision of Democracy**" on 7<sup>th</sup> February, 2020. The memorial lecture was delivered by eminent scholar **Prof. Madhulika Banerjee**, who teaches Political Science in University of Delhi. The lecture was highly informative and enlightening. Our guest of honour Ms. Sambhavi Murthy, who has been Executive Director for UN operations in Nigeria, also expressed her views on the occasion. On 13<sup>th</sup> February 2020, La Politique organized a field trip to the Parliament of India and the Parliament Museum that witnessed enthusiastic participation of large number of students. It was an inspiring experience as the students were familiarised with rich culture and great tradition of the institution. The field trip contributed in students' realisation of the importance of the great institution by offering a practical exposure about the functioning of the Indian parliament. On 19<sup>th</sup> February 2020, La Politique organized an insightful seminar on "**Cryptocurrencies and Electronic Payments**"

which was presented by **Professor Yioryos Makedonis**, Senior Lecturer of Mathematics at Queen Mary University of London and Director of the MSc Banking Programme.

### **DEPARTMENT OF SANSKRIT**

The 'Sanskrit Parishad' Performed the following activities in the Academic Year 2019-2020. Sanskrit Department's **Orientation Programme** was held on 21st July, 2019.

Annual Meeting of Sanskrit Department and Departmental Election was held on 14th August, 2019 in Seminar Room, in which, **Sanskrit Department's Students Union, consisting** the following student officials, was formed - President- Geetanjali Kaushik, Union Advisor- Prabal Yadav, Vice- President- Sudhanshu, Abhiyanker, Secretary- Himanshu, Abhishek Jha, Treasurer- Mudit.

**Freshers' Welcome** was held on 15th October, 2019 and **Farewell function of Dr. Mayawati A Seminar** 2nd August, 2019. A Lecture was delivered by Mr. Vijay Singh Gurjar (IPS) on '**How to Prepare for UPSC Exam with Sanskrit as Main Subject in the Civil Services Exam**'. He also discussed in details as to how the teachings of Sanskrit Literature helped him in facing the challenges of life and "His journey from a constable to an IPS Officer".

**Seminar on "Life Management In Shrimad Bhagwad Gita"** was held on 26<sup>th</sup> February, 2020. Lectures Delivered by Prof. Mithilesh Kumar Chaturvedi, Ex-Head of Sanskrit Department, Delhi University, and Prof. Pushraj Jain, Ex-Officiating-Principal, PGDAV (Evening) College, followed by interactive session with students. Annual Prize Distribution Function of Sanskrit Department was also held after the Seminar. Annual E-Magazine of Sanskrit Department, "Digdarshika" was also released on this occasion.

**Seminar on "YogDarshan : An Art of Balanced Living"** will be held on 03<sup>rd</sup> April, 2020. Lecture to be delivered by Prof. Ram NathJha, School of Sanskrit and Indic Studies, JNU, New Delhi, followed by interactive session with students.

**Seminar on " Aatm-Tattva and Brahma-Tattva in Upnishads"** will be held on 7<sup>th</sup> April, 2020. Lecture to be delivered by Prof. MithileshKumar Chaturvedi, Ex-Head of Sanskrit Department, Delhi University, Delhi, followed by interactive session with students.

#### **VAGISHA – Annual Festival**

Sanskrit Department's Annual Fest 2019-2020 was held on 22nd January, 2019 in which, three Inter-College competitions, viz., Shlokavriti, Quiz Competition (Sanskrit Sahitya Prashnamancha pratispardha) and Chitrakarm Competitions were held. Students of Kirori Mal College won Shlokavriti 3<sup>rd</sup> Prize and Chitrakarm 1<sup>st</sup> Prize.

### **DEPARTMENT OF STATISTICS**

**Seminar on Higher Studies in Data Science with Tanya Tandon** - On 28<sup>th</sup> January, the Statistics Department organized a seminar on Higher studies in Data Science with Tanya Tandon, an alumnus of the Department herself. Ms. Tandon, after graduating from KMC on the Dean's merit list, where she played an active role in various college societies, completed multiple internships and even founded a start-up, went on to work as a Blockchain consultant and then pursued her Master's in Analytics from Northwestern University, USA. She elaborated on various topics such as how to build a competitive profile for higher studies, the data science

skills coveted by employers in India and abroad, getting good internships and how to get started with data tools in order to figure your long-term goals in the field.

**Seminar on MBA Entrance Prep with Career Launcher** - Shashank Gahoi, an NIT-educated software engineer and currently working at Career Launcher conducted a session on the January 28, 2020. The notion of the discussion was, “MBA: The Future Proof Career Option”. He covered various topics starting from the benefits of being an MBA to the average packages offered by the top management colleges of the country or even around the world. A dialogue was maintained between everyone since he made the session was pretty interactive by continuously asking brain-storming questions from the LR and Quant topics.

**EXPECTATIONS’20- The Annual Fest** - The Department organized their annual fest, EXPECTATIONS’20, on 27 and 28 February 2020. It comprised of 7 events- a symposium and 6 inter-college competitions. The symposium was led by 2 eminent speakers- Mr Vikhyat Shukla and Prof. SK Neogy. Mr Shukla addressed the students on the topic “**Industrial Applications of Statistics**”. Drawing upon his expertise as the chief data scientist at Mastercard, he gave a highly engaging talk about the place of Statistics in the corporate world. Prof. Neogy, spoke on “Applications of Statistics in Business Analytics”, elaborating technical and computational aspects of statistics, which was very informational for the students. Events such as E(X)-Quiz-It (Quiz), Pitches Be Crazy (Ad-Mad competition) and Bull’s Eye (Mock stock competition) were organized. Around 25 teams participated in Pitches Be Crazy, the Ad-Mad Competition. Crinate, a classic fixture in the EXPECTATIONS roster, saw an unsurprisingly strong showing from the burgeoning college IPL bidding circuit. Around 60 teams were whittled down to 20 teams through a qualifying cricket quiz round, in order to compete in the bidding. The auction saw intense bidding wars, manipulation tactics as well as tactful manoeuvring by the suave auctioneers for bidding on around 200 IPL players. The teams employed all the tricks and tips at their disposal to compete to build the most valuable team line-up.

## **DEPARTMENT OF URDU**

Language is the main source of communication and expression of ideas and thoughts of the people and literature is the most effective tool to disclose a person’s emotions and feelings that represents, at large the environment and society around the persons. The Department of Urdu, Kirori Mal College University of Delhi has for long been aware of its role in a larger international academic community, and in pursuance of this, the Urdu has been reaching out to fraternal institutions in different parts of the world for collaborative programmes, research networks, student exchanges and so on. In this academic year from 2019 - 2020 the Department of Urdu, Kirori Mal College, apart from conducting routine teaching and learning work made successful efforts to organize other academic and literary activities for benefit of students in particular and academic community in general. Like every year, the Department conducted the “**Syllabus Lectures**” this year also. Keeping in view the likely review of the curriculum and course structure in near future, the Department thought it appropriate to convert this year’s Syllabus Lectures” into a Seminar on History of Urdu Language and Literature. Therefore, we have plan to organize all literary and cultural Programme in the month of April because the Coronavirus disease (COVID-19).

## DEPARTMENT OF ZOOLOGY

The year 2019-2020 began in the Department with the joining of new students looking forward to an eventful journey together with the faculty and the seniors. BIOCEANOSE, Zoological society, organized the following successful events in the academic year 2019-20 with staff advisors Dr. Gauri Garg Dhingra and Dr. Khangembam Cherita Devi.

**Orientation Programme: 19th July 2019** - The newly admitted students were made familiar with the course and scopes of the subject of Zoology and were introduced with the faculty. A comprehensive presentation was given by the Head of the Department, Dr. Anjali Priyadarshani.

**Workshop: 23rd & 24th July, 2019** - A national level workshop on the topic CRISPR - GENE EDITING for undergraduate level students in association with WETLAB championship. The students were mentored by Dr. Jyoti Bala, an expert in the field of biotechnology during the two-day programme. On the first day of the programme, the students learned about basics of Gene editing & bioinformatics. A practical involving RNA designing using different software was performed by the students. On the second day, students learned basic practical techniques of gene editing & assessment of the same.

**Departmental Elections: 13th August 2019** - The elections of Zoology Department were successfully and impartially held. The following students were elected as the post holders for the academic year 2019-2020. Naimesh Gupta – President; Deepak Kumar - Vice President; Anurag Thapliyal - General Secretary; Hitesh Goswami - Joint Secretary; Rishabh Sharma - Cultural Secretary and Kusum Solanki – Treasurer

**Inaugural Ceremony: 22nd August 2019** - The inaugural ceremony of Biocenose was organised with an inaugural lecture given by Dr. Ravi Gooneratne, Faculty of Agricultural & Life Science Department; Wine, Food & Molecular Biosciences, Lincoln University, New Zealand on the topic "**Gut microbiome in health and disease with modulation of nutrient metabolism and microbial resistance to antibiotics.**" on 22nd August 2019.

**Fresher's Welcome: 30th August 2019** - The newly admitted students were welcomed formerly in the Department with academic and game events which encouraged students to show their hidden talents. The following freshers were given the titles Varun - Mr. Freshers; Anupriya - Ms. Freshers; Jessica - Ms. Well dressed; Tirupati - Mr. Well dressed

**Cleanliness Drive: 9th September 2019** - An initiative took place with the motive of cleaning the Department by collecting all the waste material present in the department and exchanging it for the A4 paper.

**NO PLASTIC DRIVE: 3rd October 2019** - Under NO PLASTIC DRIVE the use of plastic by students and faculty were significantly reduced in the Department. The students were asked to submit all the assignments and projects in plastic free handmade folders as file covers.

**ECDYSIS - Annual Cultural Fest 24th and 25th February 2020** - The two-day annual cultural fest commenced with the opening lecture by clinical psychologists Pooja Sharma and Upinder Kaur on "Stress Management" throwing light on how to manage their time and manage their stress levels with rising academic pressure and thus live their life more efficiently. The fest highlighted of many competitions and events which assisted students in exploring themselves and have a fun midst all the pressure. Significant amount of footfall happened on both the days which made the event successful.

### FIELD VISITS

**Educational visit** for B.Sc (Hons) Zoology Sem-I - 18th September' 2019 at National Institute for Plant Biotechnology, ICAR Pusa road, Delhi. The tour was carried out to observe diversity in

nematodes from soil samples collected from different places. The team was led by Dr. Anjali Priyadarshani and Dr. Haren Ram Chiary. A total of 28 (26 students and 2 teachers) participated the study, which was carried out at the Division of Nematology, Lal Bahadur Shastri Centre. The team was trained to study the extraction of nematodes from different sources like soil, fruits etc. and to study the sexual-diphormism in nematodes.

**Field visit** for B.Sc (Prog.) Life Science Semester V – 25th to 27th September 2019 to Regional Sericultural Research Station, Central Silk Board, Bhimtal for Skill Enhancement Course, Sericulture under CBCS. A total of 31 members (2 teachers and 29 students) participated in the tour. The students were guided by Dr Amod Kumar and Dr Khangembam Cherita Devi. The centre cultures one of the very important species of Oak tasar *Anthererea roylei* and distributes the egg to the villages of Kumaon Region, Uttarkhand. They showed us the rearing technique, host plants and all the stages of larvae including adult, cocoons and egg.

**Field visit** for B.Sc (Hons) Zoology Vth Semester and B.Sc. (Prog) Life Science 1st semester on 22nd of October, 2019 to Delhi Zoo. These students were accompanied by Dr. Lukram Ingochouba Meetie, Dr. Haren Ram Chiary and Dr. Khangembam Cherita Devi. The purpose of the visit was to study the diversity of animals, interaction of animal with nature and their behaviour. The students were grouped into four groups and assigned to study different classes of animals reptiles, aves and mammals. They collected information on their social behaviour, including reproductive behaviour, feeding behaviour etc.

**Field Visit** for B.Sc (Hons) Zoology Sem-I - 19th February' 2020 to Acharya Narendra Dev College, DU- – The Blephirisma culture facility in ciliate lab for hands-on experience on the collection, culturing, staining procedures to understand practicals of core paper of Cell Biology in the second semester. Two teachers, Dr. Gauri Garg Dhingra and Dr. Haren Ram Chiary accompanied a batch of 24 students.

## SCIENCE IN PROGRAMME

### Episteme (The Life Science Society)

Episteme, the Life Sciences Society, commenced its academic session of the year 2019-20 with an orientation program for the batch of 2019-2022. The new members were acquainted with the society and its activities. The new executive members for the present session were nominated by the society convener and teachers representatives. Fresher's Invite '*Novato fiesta*' was held on 30<sup>th</sup> August, 2019, to give a warm welcome to the First-Year students. It was an amalgamation of fun, education and inspiration for the young students who stepped into the college life. Dolar Dureja and Kamakshi Sati won the title of *Mr. and Ms. Fresher*, respectively.

Episteme organized its inaugural lecture on "*Complex Networks in Genomics*" by Dr. Geetanjali Yadav, scientist, National Institute of Plant Genome Research and visiting lecturer at Cambridge University, on 9<sup>th</sup> September, 2019. It was very illustrative and informative lecture. The emphasis on understanding and pursuing pure sciences was no doubt an eye opener for all the students.

An educational trip to *Regional Sericulture Research Station* based at Bhimtal was organized by Dr. Charita and Dr. Amod from Department of Zoology on 26<sup>th</sup> September for third year students pursuing Skill Enhancement Course on Sericulture. A trip to *Indian Agriculture Research Institute* was organized by Dr. Rajni Gupta and Dr. Ram Babu from Department of Botany for the students of 2<sup>nd</sup> year studying Skill Enhancement Course on Bio-fertilizer. Students also went for an educational excursion to *Kullu Manali* and *Kasol* organized by Dr. Sunil Dhiman and Dr. Renu Kathpalia from Department of Botany. With an objective of

sensitizing students about the Animal Diversity, students of 1<sup>st</sup> year were taken for a field trip to **National Zoological Park**, Delhi on 22<sup>nd</sup> October, under the assistance of Dr Lukram, Department of Zoology. These educational trips gave students an opportunity to come closer to the nature and appreciate the diversity of flora and fauna found in the region.

Episteme organized **Purotsav'19**, Diwali celebration on 23<sup>rd</sup> October, 2019. On this occasion inter-college Rangoli making competition was held in which team of Pushpa and Neha won first prize. Special Appreciation prize was won by team of Kamakshi and Stanzin. Poster making competition was also organized on the topic "**Nobel Prize Winners**" in which Yuganteer of B.A.(H) English of 1<sup>st</sup> year grabbed the first prize. The society initiated a charity drive on 8<sup>th</sup> January, 2020, where students of all three years donated the clothes, which was distributed to the needy and poor residing in nearby areas.

The **71<sup>st</sup> Republic Day** was celebrated on 24<sup>th</sup> January, 2020 in order to commemorate the efforts of our freedom fighters towards the country's sovereignty. The program began with the garlanding of Dr. B. R. Ambedkar portrait by our teachers. Classical dance performances and patriotic poems filled the audience with zeal and ecstasy. It was followed by a inter college quiz competition on "**Indian Constitution and History**". A total of 27 teams participated from different courses and colleges.

**BIOGALA'20**, an annual 2-day festival of the society, under the aegis of DBT star college scheme organized a variety of academic events on 24<sup>th</sup> and 25<sup>th</sup> February, 2020. The main highlight was lecture on "**Anecdotes in Biological Science**" and a workshop on "**Gene Synthesis**" by Dr S. Lakshmi Devi, Founder Principal, Shaheed Rajguru College of Applied Sciences for Women and Honorary Director, Centre for Entrepreneurship and Career Oriented Programs, University of Delhi. A lecture on "**Bioremediation**" by Prof. I.S. Thakur, School of Environmental Sciences, JNU, aware students with different remediation technologies for treating both soil and groundwater using microorganisms. An online photography competition "**Quick Pic**" on the topic "**Biodiversity and Emotions**", "**La Painture**"- the painting competition on the topic "**Wings of Fire**" depicted students astonishing thoughts. The other events included **DIY (Do It Yourself)**, **Just-A-Minute session** and **Quiz Competition**. The society felicitated all the judges, office bearers and winners of various competitions.

## **Physical Science Society**

The physical science society consists of students from chemistry, physics and mathematics departments. Many of those are quite active in other societies of the college too. The students of this society are meritorious. They are quite aware of social and political aspects of our country as well as their respective states. **Freshers Welcome** was organized in the end of August by the students of II year for the I year students.

## CULTURAL SOCIETIES

### DEBSOC – The Debating Society

The **11th Annual KMC Freshers' Parliamentary Debate** was organized in college from 20th to 23rd September 2019 in which 40 teams participated. KMC team comprising of Himanshu Khanna, Vinayak and Shamayla Khan won the tournament.

The 40th edition of the **Annual Frank Thakur Das Memorial Parliamentary Debate** took place on 7th, 9th and 10th February 2020. With a participation of 32 teams from prestigious institutions across the country and nearly one hundred able adjudicators, this year's FTD was a resounding success. A cross-team consisting of Sushant, Jibran and Gaurika from ex-SRCC, Jindal and Law Faculty won the closely contested finals against Hindu College.

The 29th edition of its Hindi annual parliamentary debate – **Narendra Singh Pradhan Memorial Debate** took place on 28th February, 1st and 2nd March 2020. With a total of 36 teams, two participants in each team the oldest Hindi parliamentary debate of India was efficiently managed by the Hindi wing of the KMC DEBSOC

This year had been an astounding year for the number of wins that we achieved this year. The team from the II year were the runners up in IIIT Parliamentary Debate followed by several best speaker and best team prizes in various conventional debates. In our very own fresher's tournament 'Udbhav', of the two of our teams one of the team was finalist and the other one broke the quarters. Our team won the prestigious Zakir Hussain Delhi College Parliamentary Debate. Our fresher team had a remarkable win in the fresher's parliamentary debate in SBSCE. Our teams stood runners up in KK Birla Memorial Debate in Hindu and won the Miranda House National Conventional Debate. Apart from this our society won 50+ conventional debates, jams, turncoat debates and interjector prizes and made our society proud.

### FAPS – The Fine Arts and Photography Society

The Fine Arts and Photography Society (FAPS), is a body of budding artists striving for excellence in the eponymous fields. Besides imparting practical knowledge in the fields of fine arts and photography, the society endeavors to maintain its position as one of the best cultural societies within the country. It is worth mentioning that the post holders' as well as the members' consistent efforts has helped in carrying on the legacy of the society. The session of 2019-20, has gone remarkably well under Ms. Geethanjali Kher as the society's Convener.

**General Trials:** The students of the college were provided an opportunity to be a part of the society through the general trials. Approximately fifty candidates appeared for the trials and four were selected through critical rounds of evaluation and screening so as to maintain the level of the quality of work that is expected by a member of FAPS.

**Freshers' Talent Show:** The society organized its annual Freshers' Talent Show on the 20<sup>th</sup> of September 2019, showcasing the skills of the new members through an exhibition. The theme of the exhibition revolved around the contemporary plastic waste problem. The society put up a remarkable yet grotesque installation which was symbolic of the theme and aptly named as '**The Hurling Heaven**'. This year saw the entry of six artists and four photographers to the FAPS team..

**Trip to the National Gallery of Modern Art:** The society organized an educational trip to the gallery for the members to explore the depths of modern art and employ the knowledge gained into their work.

**The Artwalk:** The society hosted an art walk with Miranda House' fine arts society 'Adwitiya' in association with OnePlus. The initiative was the first of its kind and was lauded by the participants as well as various other fine arts societies of the university.

**Founder's Day:** The society showcased their brilliant skills by putting up an exhibition on the Founder's Day of the College. The Chief Guest, Shri Amrendar Khatua and the Principal, along with other alumni, graced the exhibition and appreciated the members' skills which were apparent in their respective works. The Chief Guest talked of his admiration for both art and photography and offered to help promote the influence of said fields within the university.

## **MONTAGE – The Film Society**

Montage, the Film Society, strives to build a culture of serious cinema viewing and analysis in the college. This year we screened a wide repertoire of films covering different genres of cinema. Our opening film this year was **Charlie Chaplin's** celebrated film **Modern Times**. It was followed by a discussion that revolved around the film and Chaplin's works.

Thereafter Montage organised its first **Workshop** of the session with Mr. Emil Klaus. Mr. Klaus has worked closely with many renowned cinematographers like Ryszard Lenczewski PSC, Witold Sobocinski and Jerzy Zielinski. Through the screening of Laszlo Nemes' *Son of Saul* (2015), he discussed the nuances of filmmaking and cinematography. The session was thoroughly interactive and a great success.

Following that focus shifted to expose the students to *Italian Neorealism* and connected genres. **Vittorio De Sica's** iconic film **Bicycle Thieves** was screened as the first film in this series. After that various films of Federico Fellini were screened to expose the students to the range and variety within and beyond this broad genre.

Montage then screened **Satyajit Ray's Pather Panchali**, a pioneering film, which put India on to the International film map. In the discussion that followed the screening, it was noted how this film easily transcends cultures and borders and yet stands its own ground as a distinctly Indian film. It was also noted how the film was influenced by Italian neorealism, both in its humanitarian theme and in use of various similar cinematic styles and techniques.

Towards the later half of the first (odd) semester the students were exposed to some films of the *French new wave*, most notably of the directors **Francois Truffaut, Jean-Luc Godard and Alain Resnais**.

Montage also collaborated with other societies of the college to organize joint screenings. Montage along with Parivartan, the Gender Forum, screened **Deepa Mehta's** film **Fire**. Similarly, Montage along with the North East Students Cell, KMC screened **Nana – A tale of us** a recent Nagamese film directed by **Tiakumzuk Aier**. Very insightful discussion followed these screenings.

The major focus of the second (even) semester was on Japanese cinema. Landmark films like **Seven Samurai, Roshomon, Tokyo Story and Sansho, the Bailiff** were screened. The students were thus exposed to the works of some of the most celebrated directors like Akira Kurosawa,



Yasujiro Ozu and Kenji Mizoguchi. We also exposed the students to another distinct Japanese film tradition – animation films. We explored two recent Japanese works – a psychological thriller anime **Paprika** directed by **Satoshi Kon** and an animated romantic fantasy drama **Your Name** directed by **Makoto Shinkai**.

This semester too Montage collaborated with other societies of the college. In collaboration with The Finance and Investment Cell, we screened **The Big Short**, a 2015 biographical comedy-drama film by **Adam McKay**. The film is about the Financial Crisis of 2007-08.

Montage organized its annual festival **Mise-en-Scene 2020** in the last week of February. This time the focus was on films made by two KMC alumni Pankaj Rishi Kumar and Kislay. **Pankaj Rishi Kumar**, a critically acclaimed documentary filmmaker was the keynote speaker for the event. He shared his insights on film making and editing. Two of his films, **Three Men and A Bulb** and **Janani's Juliet** were screened. These films were discussed in detail. **Kislay**, Director and screenwriter, was the keynote speaker for the next day. His films **Hamare Ghar**, **Instastories** and **Aise Hee** were screened. Kislay also shared his experience and had a long discussion with the audience. Apart from these, the fest also had various other events such as World Cinema Quiz 'Ishq-e-illum', the film review competition 'Criticbuzz' and the film-making competition 'Shuffleshots'. Like the past years Montage put up an exhibition, a display gallery, on different film personalities and particularly focused on large number of KMC alumni, who have made their mark in Indian film scene. The exhibition also had two other themes – **Women in Cinema** and **Regional cinema**. The posters which were innovatively designed by our members for various screenings were also displayed in the exhibition. The festival saw impressive footfall and was made possible by very dedicated and well executed work by the entire team of Montage members.

## **MUSOC – The Music Society**

This year MUSOC began with a three-week rigorous workshop with students exploring different genres of music and engaging in numerous vocal training exercises. As we are an integrated music society performing in both the Indian Classical as well as the Western forms, the workshop aimed at encouraging members to go beyond their skill-sets in their preferred genres.

**The Fresher's Talent Show (FTS)** was organised on 27 September 2019, where every new MUSOC member performed.

MUSOC's **Indian Choir** composed a classical piece based on a blend of 3 very distinct ragas: The 1st raga, NATKAMOD, is sung extensively by exponents of the JAIPUR Atrauli Gharana. The composition began with a 'Shree Narayana Mantra', set to Chautal. This was followed by the trademark bandish of NATKAMOD, 'Neyvar Bajo' which was set to Vilambhit Teentaal. The 2nd raga, NANDKAUNS, was created by Late Pandit Chinmoy Leheri of the PATIALA Gharana by blending the ragas JOG and MALKKAUNS together. Raag NANDKAUNS ended with a padhant arranged by Hetartha Chatterjee. The third and final raag, SHUDH KALYAN, is a universal favourite. It began with a Sargam followed by a Rubaidar Tarana, which was composed by Late Ustad Amir Khan. The bandish was composed by Chinmaya Iyer and was set to Madhya Drut Ektaal.

MUSOC's **Western Acapella** composition included pieces from Ariana Grande, Stevie Wonder, Take Six and Michael Jackson. It began with 'He Never Sleeps' by Take Six, followed by 'Blame it on the Boogie' by Michael Jackson, moved towards 'Overjoyed' by Stevie Wonder and to a

jazz standard 'Sweet Georgia Brown' by Take Six, and ended with the famous pop song 'Thank You Next' by Ariana Grande. The re-harmonising of all the songs was done by the team and the piece was arranged by Divij Kapoor.

**Founders Day** On 1 February 2020, MUSOC performed at the college FOUNDER'S The performance began with Saraswati Vandana 'Veena Vadini', followed by MUSOC's annual Indian Classical composition and a small medley comprising of some old Bollywood classics. This year, for the first time ever, MUSOC collaborated with the drama society THE PLAYERS in performing a self-scripted play, 'Hum Dekhenge'.

**Performance by Indian and Western Choir, September 25, 2019** The members of our Indian as well as Western choirs performed for the German Ambassador, Walter Johannes Lidner at the Vice Regal Lodge.

**OASIS (BITS, PILANI)** In October 2019, at OASIS, the annual festival of BITS (PILANI), the Indian Choir bagged the 2nd position. In solo events, Aroonema Koteyal was placed 1st in the Western Category and Hethartho Chatterjee bagged the 1st position in the Indian Classical category.

**Performance for the inaugural Old World Choral Music** On March 6, 2020, both the Indian Classical and the Western A Capella choral compositions were performed at the India Habitat Centre Festival that is part of the prestigious Old World Theatre Festival.

**PRIZES** This year, MUSOC won an impressive total of 56 prizes at 24 college festivals. Of these, The Choir won positions at 12 different events; and The soloists – namely, Hethartho Chatterjee, Minnatullah Khan, Chinmaya Iyer, Aroonema Koteyal, Amrita Singh Chahar, Abhimanyu Sharma, Rachit Bose and Deep Chatterjee – won 44 awards in categories spread across Indian Classical, Western Vocals and Instrumental music.

Chinmaya Iyer (President), Abhimanyu Sharma (Vice President), Chinmaya Iyer & Hethartho Chatterjee (Indian Choir In-charge), Divij Kapoor & Aroonema Koteyal (Western Choir In-charge), and Hans Gupta (Treasurer) worked under the able guidance of the Convener, Shalini Baxi

## **PLAYERS – The Theatre Society**

The Players with Keval Arora as the Staff Advisor, started the year with a general orientation **theatre workshop** in August 2019 for new members. During this period, several scripts were also analysed in detail to finalize the plays to be done this year. The Players set worked on five plays this year:

- Neel Chaudhuri's 'Still and Still Moving' as a stage play, directed by Pew Banerjee and Paripoorna Baxi;
- Ajay Krishnan's 'Touching and Moving' as a stage play, directed by Paras Nagpal and Samdeesh Mahajan;
- 'Hum Dekhenge', a self-scripted open-to-air play, in collaboration with MUSOC, directed for the Founder's day programme.
- Abhishek Majumdar's 'An Arrangement of Shoes' as a stage play, directed by Rensa Vats and Khushboo Yadav; and
- 'Main, Abdul', a self-scripted nukkad natak on homelessness, directed by Vikash Ramola and Smriti Chawla.

These plays have taken a combined total of 5 performances in the Delhi University theatre circuit as of now, winning 3 prizes in 3 competitions. Plans for more performances and for conducting our flagship event, 'SAR-E-AAM', a festival of street theatre, had to be put on hold and then cancelled because of the COVID-19 virus pandemic.

The high point of these performances taken so far were:

**Touching and Moving** was one of the six plays selected for the Old World Collegiate Theatre Festival held in February 2020. The production received appreciation from the playwright Ajay Krishnan who was our guest at the performance.

**'Still and Still Moving'** was selected to perform at the Hindu College Theatre Festival held in March 2020 at Akshara Theatre. The production received appreciation from the playwright Neel Chaudhuri who was our guest at the performance.

Credit for the smooth functioning of the society this year must go to its student Office Bearers, Pew Banerjee (President), Vikash Ramola and Smriti Chawla (Secretaries) and Paripoorna Baxi (Treasurer). Mention must be made of the fact that the absence of an equipped workspace like an auditorium did not overly hamper our functioning.

## **SENSATION – The Dance Society**

Sensation organised itself into a formal extra-curricular society in the year 2000 with a vision of creating a space for students to hone and exhibit their passion for Dance. The academic session of 2019-20 began with 35 students and had marked a landmark number of awards and participation from the society across a minimum of 50 institutions (pan-India).

The society practices a myriad number of dance forms like House, Contemporary, Popping, Locking, Hip Hop etc., making it one of the few versatile societies in Delhi University. Within Sensation, there is bifurcation: The Choreography Wing and The Western Wing. This year each had their individual productions. The theme for annual production of the Choreo Wing was **Laxmi-A Victim to a Victor**

**Freshers' Talent Show** Sensation organized the Freshers Talent Show on October 4, 2019

**Workshop** on House Dance Form- Lakshay was organized on September 5, 2019

The office bearers performed beyond par at their respective designations. While the senior participants were the forerunners of leading the fresh entrants optimised upon their opportunity to be trained as professional dancers. Dr.Khusro Moin was Convener of Society, while the Office Bearers were Mansi Jain (President), Muskaan Verma (Vice President), Gauri Srivastava (General Secretary), Shishir Chaudhary (General Secretary). Due to the continued perseverance of senior members, Sensation has become one of the finest societies of Delhi University and it sure would prove its mettle in the future with the support of the college management and under the mentorship of the faculty members.

## STUDENT EMPOWERMENT SOCIETIES/CELLS

### Avenues – The Placement Cell

'Avenues' - The Placement Cell - has asserted its credibility as a firm link between the corporate world and the aspiring students of the college. There have been consistent recruitments by multinational firms and renowned corporate giants like Ernst & Young, KPMG, DE Shaw, PwC, Deloitte, Oberoi Hotels, etc. as well as venerated firms such as ID Insight, Byju's, Bajaj Capital, FRR Forex, 91 Springboard, ZS Associates and NIIT. The successful recruitment session also witnessed corporate collaborations in the form of assorted articleship and fellowship opportunities, offered by the likes of esteemed consulting firms such as Mazars, PwC etc. The average CTC offer has ascended from 5.11 LPA to 7.01 LPA while the highest package offered stood at a stunning 30 LPA by Atom.

**Workshop on Skill Enhancement and Career Development** The academic year also comprised various events aiming to strengthen the engagement between companies and the talented pool of students. The events included an informative Skill Enhancement and Career Development workshop by Mr Gagan Singh, to provide a formal exposure to over 100 ambitious students from the entirety of Kirori Mal College.

The Placement Cell also organised A Case Study Competition and received overwhelming response from around the country, more than 1000 students registered for the preliminary round. In its flagship event, the annual B- Plan Competition "Entrepreneurship Ignition Summit" teams from various famous colleges participated to kick off their business plans. All these events proved to give a strong insight to the students on future career prospects as well as understanding of corporate dynamics. The year concluded with over 80 students getting successfully placed at their dream companies while hundreds of other students from all years have pursued internships to enhance their skill-set.

### Finance and Investment Cell

The Finance and Investment Cell (FIC), is a student driven initiative towards acquiring and sharing knowledge amongst the finance enthusiasts. It has been successful in proving it's worth yet another year. The session '2019-20' has been bullish for the cell as we experienced an upward sloping graph without any recessions on our way! This session began with rigorous rounds of recruitment where the cell added 30 new members to its team and conducted an induction meeting for the fresh recruits along with an ice breaking session.

**In August 2019**, the cell started with the concept of 'Fictionary' wherein we posted finance related terms on our social media handles to spread financial literacy. On the **6th and 9th of September 2019**, team FIC visited the office of the Securities and Exchange Board of India (SEBI) coordinated by faculty convener Dr. Sameer Lama and other faculties from the Department of Commerce. Further, the FIC organized a seminar on the **18th of September 2019** on the topic '**Role of SEBI in capital markets**' in our college which was attended by eminent personalities like Mr. Sharad Sharma, GM, SEBI, New Delhi and Ms Prinkadeep, Manager, SEBI, New Delhi.

On **18th of October**, we organised our flagship event '**Adhimulya**', which consisted of 3 competitions - '**Chronicles of Corporates**', the case study competition, '**Biz Quizzards**', a finance based quiz and

'**Demonstabo**', the research paper competition. The event was a huge success and saw participation from the entire university. The commencement of the new semester was kickstarted by an informative session conducted by FIC KMC in collaboration with **HDFC Mutual Funds** on **13 January, 2020**. An HDFC representative threw light on the topic, 'Mutual Funds: an apt investment option for millennials.' It was indeed a very illuminating session! Finally, the most awaited time of the year had come as the flagship annual fest of FIC KMC i.e. '**MULYA'20, know thy worth**' had released its dates! **MULYA**, the brainchild of The Finance and Investment Cell, Kirori Mal College was orchestrated on **3<sup>rd</sup> & 4<sup>th</sup> February, 2020** with profuse and extravagant competitions and events. On the first day, **Corporate Meet**- a board meeting playdown with a crisis to solve and a panel to satisfy was judged by Dr. Sameer Lama and Ms. Nidhi Sharma and witnessed whopping response by students from different colleges and courses. Another event for the day was **Cryptomine** - a trading and strategy based frolic involving crypto currencies and block chains experienced pronounced footfall and became an engrossing activity for everyone who participated. The treasure hunt **Eye Spy** made the students test their fishing expedition skills and was a huge success. With various side events like whisper challenge and pictionary, the first day ended with supreme gratification. The second day embarked with **Stock Beast** - a mock stock competition in fully digital format. A horde of students from different colleges were enthralled by the exposure and intricately designed challenges. Another event complementing the former was **Pitch Please** - a competition of thinking, innovating, pitching and winning was judged by Mr. Aman Verma and Ms. Sandhya and made students be creative and excruciatingly extraordinary with their ideas.

**MULYA'20** epitomized the ultimate array of interesting activities on a single platform. The two day event moving from one to another showed the diversity and diligently organized proceedings. The events left their everlasting and impeccable impact on the minds of everyone. **On 7 February, 2020** FIC KMC organized a visit to **Bombay Stock Exchange** for its members which was coordinated by our faculty convener. It proved to be very beneficial and informative for all those who attended it. Finance and Investment Cell, Kirori Mal College has not only conducted various successful and enriching events, workshops and seminars throughout the year but has also been posting a plethora of finance, economics and business related articles. These include articles on NBFC crisis, tax collections, economic slowdown, telecom crisis, uber money, IRCTC IPO and many more all categorised as '**FINSIGHTS**'. In order to carry forward its goal of improving financial literacy, FIC KMC has successfully collaborated with **FINSHOTS**, a startup by IIM-A alumni. This collaboration has given birth to '**FIC KMC Weekly Newsletter**.' All these accords and achievements have one common connection between them i.e. the constant and consistent efforts put in by its core team and the members. The Finance and Investment Cell, Kirori Mal College will always continue to impart knowledge to its meritorious members and would always strive harder to host mind boggling events for its inquisitive participants!

## **FOSTAS – The Foreign Students Association**

**Freshers Welcome LA SALUATION** was organized on September 6, 2019 to welcome the freshers which saw participation of students from 10 countries. For the first time FOSTAS had the privilege to welcome student from West Africa- Sierra Leone. The students were invited in various activities to showcase their talents for the purpose of orientation.

**Field trip to Chokhi Dhani** On November 9, 2019 an educational cum ethnic trip was organized for the foreign students to Chokhi Dhani, Sonapat. The aim of the trip was to gain knowledge and explore Indian culture and traditions. Chokhi Dhani portrayed insights of Royal Indian culture of Rajasthan with food and cultural performances. The aim of the trip was to impart knowledge about India and its tradition through the medium of a short one day excursion

**Field trip to Goa** As part of the Annual Trip, PROMENADE, the Foreign students' association went to Goa. The Cultural diversity and infusion of Portuguese culture was the subject matter of this times annual trip! Students visited places like the Chhapora Fort, Fort Aguada , diverse beaches and also the Dudhsagar water falls. Spice gardens and marine life was also explored during this trip.

**Annual Festival MÉLANGE 2020** was celebrated on the March 2, 2020. The delegates from Embassy of Afghanistan and the Embassy of Nepal were invited as the Chief Guests. FOSTAS had cultural performances from many countries like Ghana, Afghanistan, Nepal, Tibet etc. FOSTAS conducted GUFTMAAN - the panel discussion in which Aman Sharma from Austria, Pakiza Munir from Afghanistan and Gabriel Kusi from Ghana were amongst the panelist, while Nadim Anwari hosted this year's Guftmaan . The event was covered by the NVI Internet news Chanel.

## **Kartavya – The Civil Services Society**

Kartavya, the Civil Services Society of the College is a unifying community that brings together the Civil Services aspirants of the College under one roof and facilitates them with a veritably conducive learning and knowledge seeking environment. It encompasses a scrupulous study of diverse topics for the aspirants, aiding them in the pursuit of realizing their Civil Services dreams. It has the culture of cooperative learning that takes forward the theoretical aspects and practical interactions in the amiable company of knowledgeable members who make the bulky and burdensome journey of UPSC an enjoyable thrill.

Under the Convenor, Dr. PK Anshuman, the year 2019-20, with myriad events hosting the most brilliant minds and the greatest personas has given an impetus to Kartavya's legacy of nurturing minds with an immortal cascade of knowledge with efficacious vitality.

**Orientation Programme** On August 8, 2019, it was a jovial moment for the College to have their alumni back but not to the classroom as students, but to the podium as our guests - IAS officers Rishita Gupta (AIR: 18) and Rakesh Sharma (AIR: 604). The event marked the benign commencement of new academic year with the freshers and the new Cabinet of the Society.

**Seminar: TEJAS - The Defence Talks** October 16, 2019 had witnessed the arrival of the General, Marshal and Commodore who provided shields to the Indian land, Air and Seas during the days of war and peace. The Panel Discussion focused on **The Strategic Challenges faced by India - On Land, Air and Sea**. The guest speakers of the event were: Major General Harsha Kakar (Retd.) with 36 years of illustrious career in the Indian Army. Air Vice Marshal Manmohan Bahadur (Retd.), a Siachen Pioneer –the first pilot to land on the highest battlefield. Commodore Ranjit B. Rai (Retd.), an eminent officer of the Indian Navy and maritime author.

**Seminar: India-China Relations: A Military Perspective**, by one of the most exalted figures in the defense field, Lt. Gen. Rameshwar Yadav (Retd).

**Seminar: MAUSAM - The Climate Talks:** A Panel Discussion on Climate Change: Causes, Actions & Duties – a very holistic analysis of the most burning issue confronting the world today by the greatest experts from diverse backgrounds: Air Vice Marshal Prof. Ajit Tyagi (Retd.), former Director General of India Meteorological Department. Mr. Manmohan Bhagat, a leading industrialist and environmentalist, the Chairman of Bhagat Global Group & the Earth

Foundation. Amb. Dilip Sinha IFS (Retd.) former Indian Ambassador to the United Nations and Greece; Former Indian Climate Envoy at UNFCCC. Dr. Seema Mehra Parihar, Associate Professor, Department of Geography, KMC.

**Annual Festival: JUNOON 2020** A grandiose two day fiesta of intellectual thrill, featuring the most magnificent galaxy of outstanding personalities and several knowledgeable competitions, held successfully, winning significant praise and popularity throughout the campus. The following events were organized during the 2 days extravaganza. **Pax Indica : India's Position in the 21<sup>st</sup> Century World Order – a panel discussion** with Amb. Skand Ranjan Tayal (Former Ambassador to Uzbekistan and S. Korea), Amb. Vishnu Prakash (Former Indian Envoy to South Korea and Canada) and Amb. Anil Trigunayat (Former Indian Envoy to Libya and Jordan). **Breaking Barriers: Beyond Boundaries – A Motivational Talk** by Mr. Frank Rausan Pereira, the renowned TV personality and RSTV anchor. **Bharat Bhagya Vidhata 3.0 – An India Quiz**, with a record 100 participants. **Madukya: The Debate** – A debate competition, with 25 teams. **My IAS Days – A Talk** by Sh. Anil Swarup, IAS, former Education and Coal Secretary, Govt. of India. **Abhigyaan – The Mock UPSC Prelims**: a simulation of UPSC prelims test. **Raftaar – A JAM**: an extempore competition. **Umang – A Motivational Session** with the renowned bestselling author and TedX speaker, Dr. Awdhesh Singh IRS, former GST Commissioner. Arguably, Kartavya hosted one of the most prestigious and magnificent fests ever by any Civil Services Society in DU till date, with such esteemed legendary speakers meeting with whom has in itself been a dream come reality for many.

**Class Room Sessions** Fulfilling the real learning motive of Kartavya, the classroom sessions are a model for cooperative learning and peer to peer education, wherein the members of the Society comprehensively analyze the most important topics in the news that matter for UPSC and help each other learn. The following were the sessions held : **Induction Session**: Introduction to UPSC and a beginner's guide for IAS preparations (August 28, 2019); **How to read newspapers** – sifting news that matters for CSE and understanding Editorials (September 4, 2019); **Chandrayaan** – Moon, Stars and the Space – Basics (September 27, 2019) **5G and the tech future** (October 24, 2019) **RCEP** – a mixed bag for India (October 24, 2019); **Security Challenges** in Northeast India (November 7, 2019); **Brexit** – Its Meaning, Process, and Implications (January 22, 2020); **Budget 2020** – An Analysis (February 13, 2020).

Certainly, all these words echo the team's steel resolves behind each and every event that became a gem in the crown of accomplishments is a monument of the sheer assiduous toil of the team, which has come to benefit some 470 students of KMC. But, this is the mere beginning, as Kartavya craves to serve more and more, inspired by the motto - “योगः कर्मसु कौशलम्!”

## La Voice

La Voice is the monthly e-newsletter of Kirori Mal College. It is an expression of the creative and vibrant spirit of the students and faculty of the college and is very much in step with the environmental concerns of the college and society as a whole. It is an incessant endeavour for paperless dissemination of necessary information related to academics and extracurricular activities at the college.

It is a single window platform for the students as well as the faculty to stay updated with the latest information, with a single click on their screens. The newsletter has made its presence on the social media as well, through Facebook and Instagram, where there is information related to ongoing and upcoming events, and some fun-filled stuff like memes, videos etc related to the college and University for the students. With Dr. Vandana Chaudhary as the Convener, the Editorial Team comprises of Aashish Jain, Ayushi, Arpit Shukla, Nayan, Yukta Vats; the technical team members are Mazin Ali, Abhishek Singh. And the Editorial Associates are Sofia Malik, Aahil Sheikh, Shashi Shekhar, Prashant, Nikita Verma, Yashika Thapar, Rajveer Batra, Stuti Shrivastava, Aakansha Singh, Navya Arora, Divya Upadhyay, Geet Suneja and Ashutosh. The academic year for the newsletter began industriously, as the team recruited and welcomed new members to the team. The new members were also trained for editing and technical work in a workshop with the older members of the team and some faculty members from the college. After the team was in place, it was followed by working upon the La Voice editions. The La Voice team generated three editions this year, covering various academic and co – curricular activities at the college, including those of various departments, societies and clubs. The Facebook and Instagram handles were also updated regularly, regarding these activities and latest college and University news. The team also plans to generate a blog and a website for La Voice in near future.

## **Parivartan – The Gender Forum**

Parivartan, The Gender Forum of Kirori Mal College continued its work on a range of issues related to gender through the year 2019-20 with students of the college and university. The forum's efforts remained focused on deepening the understanding of gender and the manner in which it operates in our lives, in public and private spaces – understanding that is essential for effective intervention in these issues. Apart from the specific activities and programmes it undertook and organized, the society continued its weekly discussion meetings on the themes and issues related to gender through the year, under able guidance of Staff Advisor Dr. Shahana Bhattacharya

**ORIENTATION: August 21, 2019** The orientation, attended by a large number of students, was conducted by senior student members, and involved an interactive and lively activity to establish and really understand the differences between sex and gender, and understand the role of gender norms in our lives. The work of the Gender Forum was also introduced to the students in this programme.

**DISCUSSION- “What is Sexism?”: August 29, 2019** A discussion again facilitated by a team of student members was held to discuss ‘What is Sexism?’ Through an interactive exploration with the audience, nuances of how sexism pervades social structures, affects individual behaviour and perpetuates gender discrimination were brought out. The connection between such individual experiences and patriarchy were sought to be brought out.

**MOVIE SCREENING AND DISCUSSION IN COLLABORATION WITH MONTAGE, THE FILM SOCIETY “Fire”:** **September 11, 2019** “Fire”, a 1996 film written and directed by Deepa Mehta, was screened in collaboration with the Montage Society. An engaged and discussion on themes of desire, sexuality, patriarchy and family evoked in and through the film



as well as its cinematic aspects followed. The discussion was coordinated by students of the two societies.

**WORKSHOP-“Gender Identity, Expression Sexuality”:** **September 18, 2019** A workshop based on interactive activities was conducted by Parivartan members to explore the social construction of gender, understand issues around the assigning of sex and gender, interrogate the gender binary, and engage with the struggles of individuals to fit assigned gendered identity based on socially imposed definitions of gender.

**DISCUSSION- Things we don’t talk about:** **September 27, 2019** A discussion was held to discuss the various areas of silence around gendered experiences in everyday lives, and to ask/explore questions related to such experiences that students have been unable to address and which disturbed them.

**WORKSHOP WITH COLLEGE’S INTERNAL COMMITTEE AGAINST SEXUAL HARASSMENT:** **October 17, 2019** A stimulating and informative workshop on “Prevention of Sexual Harassment” was organised in collaboration with the College’s Internal Committee against Sexual Harassment to discuss the definition and nature of sexual harassment, its specificity in the University, and reiterate the importance of curbing it. It sought to inform students about the legal and institutional mechanisms to deal with it in the College but emphasised the need to do preventive work, sensitise sections of the College community against it, since sexual harassment is rooted in gendered attitudes in society. The workshop was conducted by Dr. Vinita Chandra, Gender Forum and IC, Ramjas College; Prashastika, Member, Partners for Law in Development; Advocate Pratyush, Lawyer & Founder, Lahar Foundation.

**GENDER CONCLAVE- “Boundaries”:** **October 22-23, 2019** A two-day Gender Conclave was organised to explore the many ‘Boundaries’ through which Gender is constituted, and the inspiring efforts of people to negotiate it. These negotiations around gender were mediated by caste, religion, class and ethnicity and these nuances were brought out a history of these negotiations mapped in the Course of the rich and stimulating presentations and discussions in this Conclave. The Conclave was divided into four sessions. The Keynote session (on 22 October, 2019) was addressed by Dr. Uma Chakravarti, eminent feminist scholar and historian, who came back to the college after some years to address students on the issue of Gender and Space. In a clear and accessible talk she examined the complex reality of gender. She showed how the power relations that sustain gender oppression are based on an ideology that survives on love, care and emotion and manufactures consent, denying the individual an access to think for their own interests. She also discussed the history of the University’s struggles around gender over the last four decades. The second session was a panel discussion on Gender, Sex Work and Labour. The panel included representatives of the All India Network of Sex Workers (Amit Kumar, Coordinator and Kusum, President), sex worker-activists Sunita (Delhi) and Raj Kumar (transgender sex worker activist, Kolkata) and Advocate Tripti Tandon from the Lawyers’ Collective. The fascinating and lucid presentations of the panellists served to communicate the experiences of sex workers and their conceptions of consent, family, sexual violence and labour. The speakers explored the legal frameworks that govern sex work and presented the case for recognition of sex work as an economic activity. A spirited discussion followed. The third session (on 23 October 2019) was a panel discussion on Gender, Bodies and Surveillance with queer activists (Aroh Akunth, Shivangi Agarwal, Vihaan, Avali) who discussed, from personal experience and activist engagement, how social and state surveillance and controls operated

along gendered and patriarchal lines - against queer bodies and how other kinds of factors— of caste and dalitness, disability etc. influenced this process. The fourth panel on Gender and Community included academics (Dr. Shailja Menon, faculty at AUD; Kaushal Bodwal, researcher and founder, Hasratein Queer Collective; and Dr. Debolina Dey, faculty, DU) who examined how social and political communities, caste and nation in particular, came to be constructed on the basis of masculinist ideas. The Conclave was well attended and included lively and engaged discussions.

**FOREIGN DELEGATION MEET & GROUP DISCUSSION- COMPARATIVE EXPERIENCE OF MOBILISATION AGAINST SEXUAL HARASSMENT IN UNIVERSITIES: November 6, 2019** A group discussion on sharing experiences of mobilisation against sexual harassment at Universities was organised between Parivartan members and Dr. Andrew Mushi from Mzumbe University, Tanzania and Dr. Lulu Simon Mahai of University of Dar-es-Salaam, Tanzania. Future strategies of mobilisation and common problems were discussed in this productive discussion facilitated by Nandita Bhatt from the Martha Farrell Foundation.

**TRAINING WORKSHOP: January 14, 2020** A training workshop was conducted by Surabhi of the Martha Farrell Foundation for Parivartan core team members to help them prepare a workshop module they (Parivartan students) could conduct for high school students on Gender Sensitisation. Methodology, techniques, strategy and content and role play were all part of this practical workshop which proved very useful and helped the Parivartan members conduct the workshop with school students as planned.

**WORKSHOP FOR SCHOOL STUDENTS CONDUCTED BY PARIVARTAN STUDENT MEMBERS: January 31, 2020** A team of four core group members of Parivartan acted as resource persons/facilitators and conducted an interactive workshop on the issue of Gender with students of Classes 8-11 of a government school - Sarvodaya Kanya Vidyalaya at Malkaganj. The programme was organised through Dr. Harish, a staff advisor of Parivartan and Ms. Madhu, PhD Candidate in Sanskrit in Delhi University and our ex-student. Instead of directly or only discussing sexual harassment, the Parivartan team addressed the subject through role play and examples the question of consent and other aspects of gendering in society. About 100 school students attended the workshop and the feedback from them was extremely positive. We hope to make this part of our regular activities and have got in touch with other schools to do the same in the new session.

**CONDUCTING OF SAFETY AUDIT – TO GAUGE EXTENT AND NATURE SEXUAL HARASSMENT ON DU NORTH CAMPUS: February-March 2020** This year saw the revival of Parivartan’s previous practice of conducting annual Campus ‘Safety Audits’ on sexual harassment on DU’s North campus – a team of students completed the audit between mid February-early March after first working on the questionnaire. The audit is based on surveys carried out at different public places on Delhi University Campus. The results of the survey are still being analysed and will be published shortly.

**THEATRE PERFORMANCE & WORKSHOP: February 12, 2020** A theatre performance named “Allegedly” conducted by Mallika Taneja and Shena Gamat, to explore the intersection of consent, sexual harassment and legal processes of remedy. This project was conceptualised with the support of feminist publishing house Zubaan’s Stepping Stones and Body of Evidence Projects (supported by the IDRC and Goethe Institute). Mallika and Shena shared a story of a

woman accusing a man of sexual harassment in the form of an interrogation conducted at the time of reporting a crime and/or seeking legal help. The performance was an instance of immersive theatre and the audience participated in the way it developed. The performance flowed quite easily into a discussion and the members of the audience/participants could explore several contradictions, confusions and irregularities pertaining to their own understanding of rape, harassment and consent. The thought-provoking performance was attended/participated in by a large number of students and faculty members.

**DISCUSSION “Consent and Sexual Violence”:** February 21, 2020 A follow up discussion on consent and sexual violence was organised to analyse Mallika Taneja’s play and discuss the grey areas that govern a non-binary concept of consent.

**WORKSHOP WITH CORE TEAM ON ‘PATRIARCHY’:** March 3, 2020 An intensive workshop was conducted by Dipta Bhog, expert trainer and founder member of Nirantar Trust, A Centre for Gender and Education, an activist and advocacy group with Parivartan core group members to sharpen their own understanding and deepen their sense of purpose in the work they do as members of the Gender Forum.

**INTERACTIVE SESSION to mark International Women’s Day – “Journeys to Gender Justice”:** March 4, 2020 In 1992 in the heartland of Rajasthan, a woman fought against sexual assault openly, for the first time. She suffered assault because of her work – of curbing child marriage, part of her responsibility as ‘saathin’ – under a programme of the Rajasthan government. This woman was Bhanwari Devi, who became the flag bearer, and source of inspiration for the Indian Feminist Movement and Parivartan and Kirori Mal College was honoured that she could be there with us to mark International Women’s Day 2020. Age may have wrinkled her face but her spirit, courage, and hope is infectious. Dressed in a traditional Rajasthani lehenga, 59-year-old Bhanwari Devi, stood tall as she spoke to us, speaking simply and clearly, in the academic auditorium of KMC on 4 March 2020. It has been 27 years, and her legal battle for justice still continues. She discussed all these intricacies of this case as well as how she has continued to live in the same village, where the sole surviving rapist continues to stay, and continued to fight for gender justice, undaunted. We also had with us Kavita Srivastava, civil rights activist and feminist based in Rajasthan who had been part of the group that supported Bhanwari Devi and went to court demanding legal safeguards against sexual harassment in the workplace for women. This effort was instrumental in Supreme Court issuing the first guidelines against Sexual Harassment – the Vishaka Guidelines of 1997. Parivartan and Kirori Mal College felicitated both these women and the struggle they represented and the inspiration they were – for Women’s Day 2020. It was also inspirational to see how the struggle for freedom from sexual harassment at workplace which Bhanwari Devi (and Kavita Srivastava and other feminists) had initiated

**LECTURE AND DISCUSSION- Gender, History and Constitution:** March 6, 2020 A deeply relevant and meaningful lecture, was delivered by eminent Chennai based feminist and historian V. Geetha on how gender, caste and communities have historically mediated access to rights and space and the significance of struggles for constitutional rights in history. The lecture which was well attended despite inclement weather, was followed by a very vibrant discussion. Parivartan was hoping to release the results of the safety audit and also hold its annual festival Nazariya, when the lockdown owing to the Corona virus was announced. While we all grapple

with the grim implications of this disease and lockdown, we hope that these and other activities of the college can be undertaken in the future, when normalcy is restored.

## **PRAYAS – The Enabling Unit**

Prayas, the enabling unit, is the PwD cell of the college. It facilitates academic pursuits of the differently-abled students through reading and writing services. It also sensitizes the college fraternity about the needs of the differently-abled community and ensures their participation in extra-curricular activities, including sports and para-athletics. Prayas also organizes its Annual festival apart from other activities.

The 'Orientation Program' of the Society was organized on September 20, 2019 to make the volunteers aware of their responsibilities, which was celebrated in collaboration with **HELP THE BLIND FOUNDATION and SAMARTHANAM**. A training programme pertaining to Computer skills and soft skills was announced on the aforementioned date and the programme was going on in a very helpful manner till the semester break.

**Freshers' Talent show** was organized on October 16, 2019 to provide a platform to the differently-abled students and the new volunteers to showcase their talent for which some of them were felicitated by cash prizes. The society organized a workshop in collaboration with the Fine Arts and Photography Society of the College.

The visually impaired students also got scholarships from various platforms; 29 students got scholarship from the Help the Blind Foundation and 1 student got scholarship from National scholarship portal.

## **NATIONAL CADET CORPS**

The session 2019-20 had it all. From on ground training to the execution of **Narkanda Trek**, spreading its colour through out this year and gave us an amazing experience. Well this is not all, cadets from KMC NCC stands ahead of it all, as they are always ready to give their best. Their unique talent and inculcated values of NCC helped them gain charisma along with a trace of reality, nationalism and a touch of social responsibility. This brings out a perfect figure with quality, precision and leadership. The cadets this year proved their strength of spirit by getting 2 TSC holders, 1 Para basic camp holders and 5NWM camp holders.

**INTERNATIONAL YOGA DAY 2019** The NCC unit of College celebrated International Yoga Day grandly with the enthusiastic participation of cadets and faculty. As part of Yoga Day on June 21, 2019 the NCC unit organised yoga session. A trainer was called upon wherein talked about three practices of Yoga namely Gyan, Bhakti and Karma Yoga and also on the benefits of chanting "OM". This was a great opportunity to inculcate the values of Yoga. Cadets got the chance to know how Yoga helps in unity of mind and body. Different Yoga postures like Vrikshashana, Uttaanaasana, Trikonaasana, Bhadraasana, shashankaasana, Bhujangaasana, Pawana Muktaasana, finally ended with Pranayama and meditation prayers were recited before and after the programme.

## **CADET 2020 - THE ANNUAL NCC FEST**

**Kirori Mal College NCC Unit** completed 52 years of excellence in service to the society this year. The Annual NCC Fest- **CADET 2020** was host to various competitions which saw participation of NCC cadets from across the nation. It was a 3-day fest in which several competitions like SQUAD DRILL, QUARTER GUARD, BEST CADET, QUIZ, DEBATE, RANGOLI and NCC RUN were organised for the cadets. CULTURAL COMPETITIONS like group dance and songs were also organised. The festival was inaugurated with by the Chief Guest Col. R.K. Singh, YSM [CO,5DBN] who was given the ceremonial GUARD OF HONOUR

A Talk Show was organised on the second day of festival. The Chief Guests for the day were Col. (Dr) Divakaran Padma Kumar Pillay, SC; Col. Sonam Wangchuk, MVC; Col. Arun Malik. They shared their motivational success story with our cadets.

On the Prize Distribution, Chief guest was Maj. Gen. R.K.Mathur , VSM ADG of Delhi directorate and the Guest of honour was Col. Vijay Hooda. Col. Pankaj Kumar[CO,1DGBN], Advocate Mr. S.K. Sharma, Mrs. Alka Dalal [wife of shaheed A.S.Dalal] graced the event by their presence. Later, everyone paid their due respects to Shaheed Asst. Cmdt. A.S.Dalal [Ashok Chakra] alumnus of KMC NCC Unit who was martyred serving BSF during Kargil War.

**SHAHEED ASSISTANT COMMANDANT A.S. DALAL MEMORIAL TROPHY** Kirori Mal College NCC Unit SD and SW consists of four platoons each who were assessed around the year on grounds of tasks and accomplishments in Drill, Service, Personality Development, Attendance and Discipline. Charlie and Delta platoon jointly lifted the rolling trophy under the leadership of JUO Puspendra Payal in SD and JUO Sakshi Kaushik in SW respectively with full acknowledgement and appreciation of the efforts of cadets under them.

**ALL INDIA THAL SAINIK CAMP** 2 cadets got selected to represent Delhi Directorate in the prestigious All India Thal Sainik Camp - Cdt.Pinky and Cdt. Roshan

### **NATIONAL INTEGRATION CAMP**

**EBSB NIC 1 DELHI** 16 cadets- Cdt. Akansha Yadav, Cdt. Ekta, Cdt. Manisha, Cdt. Saloni, Cdt. Shradha Khushu, Cdt. Suman Bishnoi, Cdt amandeep, Sgt. Pankaj, Cdt. Pukhraj, CQMS Sachin Sharma, LCPL Sudhanshu, Cdt. Anu, CSM Harish Kumar Singh, LCPL Kuldeep, CPL. Abhishek Mehta, Cdt. Md.Shadab, Sgt. Sonu Kumar.

**EBSB NIC 2 SILCHAR** 4 cadets- Cdt. Prachi Pandey, Sgt. Tannu Kumari, Cdt. Garima Sharma, Cdt. Kirti Nagora.

**PARABASIC CAMP** JUO Ajay kumar got selected to represent Delhi Directorate in Parabasic Camp.

**COMBINED ANNUAL TRAINING CAMP** JUO Jayanti Pandey appointed camp senior. SUO Yashi Arya appointed Deputy camp senior.

**JANUARY 2020** JUO Nishtha appointed camp senior. JUO Pushendra Payal appointed Deputy camp senior.

### **MISCELLANEOUS ACHIEVEMENTS**

- JUO Jayanti Pandey, CPL Nivedita Kumari, Sgt. Tannu Kumari and Cdt. Riya Gupta successfully completed **NATIONAL WAR MEMORIAL CAMP.**
- Sgt. Megha, Cdt. Alka and Cdt. Shrishti Tripathi successfully completed **PARASLITHERING CAMP.**

- JUO Mumal Rathore, Sgt. Pankaj Kumar, CQMS Sachin Sharma and Sgt. Sonu Kumar successfully completed **CM RALLY 2019**.
- CSM Pragya Saraswat, Cdt. Seema, LCPL Tushar, Cdt. Bharat and Cdt. Lokesh Saini successfully completed **PM RALLY 2020**.
- Cdt. Govind Shukla, LCPL Tushar, Sgt. Alok, CPL Happy, LCPL Sudhanshu, Cdt. Bhoodev Katara, Cdt. Md. Zubair, Cdt. Arpit, Cdt. Yashpal, Sgt. Lucky Saini and CPL Sachin successfully completed **ARMY ATTACHMENT CAMP 2019**.
- Cdt. Babita Bisht participated in **BATTALION OT COMPETITION** and got **2<sup>nd</sup> position**.
- Cdt. Sukriti Bansal , Sgt. Shipra Gupta and LCPL Anjali Yadav successfully completed **DARJEELING TREK 2019**.
- Sgt. Prastuti Sharma participated in **SNIC 2019 [Andhra Pradesh]**.
- JUO Pushpendra Payal participated in **SNIC 2019[Jaislmer]**.
- Cdt. Shahla successfully completed **PM RALLY 2020 PARASAILING CAMP**.
- Cdt. Rachna Sahai and CPL Vidyawati successfully completed **AJMER TREK 2019**.
- SUO Yashi Arya and JUO Bulbul successfully attended the **ADVANCED LEADERSHIP CAMP [Malout, Punjab] 2019**.
- Cdt Mukul Yadav successfully attended the **ADVANCED LEADERSHIP CAMP [Ahemdabad, Gujarat] 2020**.
- Cdt. Vibhor Kumar successfully completed **UP TREK 2019**.
- Cdt. Ganesh Kumar Gupta successfully completed **NARMADA TREK 2019**.
- Cdt robin and cdt Pradeep successfully completed **SHIVAJI TREK 2019**

## **NORTH-EAST STUDENTS' CELL**

The North East Students' Cell plays a vital role in fulfilling the promise of unity in diversity and cultural integration in the college. Given the diversity of the Indian population, the Cell was established in 2015 with the aim to provide a safe space for cultural interaction and integration of what is a greatly diverse student population. To fulfil its objectives of cultural harmony, the Cell organises various events, ranging from academic to cultural, involving students and faculty members from all over the country. The academic events seek to address the historical, cultural, and social issues of the northeast which would otherwise not be addressed. The grandest event of the Cell is 8thnicia, the Annual Cultural Fest in which the rich cultural diversity is shared with students and faculty members from various colleges.

**ORIENTATION PROGRAMME** The Cell conducted its orientation programme on August 8, 2019 to introduce the new students to the Cell and help them familiarize themselves with the new environment. The freshers were also briefed on how the Cell functions and introduced to the faculty members from the northeast.

**ASSAM FLOOD DONATION DRIVE** Assam was ravaged by floods yet again in the monsoon season in the first half of 2019. Almost 100 people lost their lives and thousands were displaced from their homes as a result of this calamity. The Cell in collaboration with the National Service Scheme (NSS, KMC Unit) conducted a flood donation drive from 29<sup>th</sup> July to 2<sup>nd</sup> August in the college campus to help those affected by the flood. The flood relief materials

were successfully dispatched from New Delhi Railway Station by a combined team of the Cell and NSS on 9<sup>th</sup> August, 2019.

**ANNUAL GENERAL ELECTION 2019** As is done every year, the Cell conducted its Annual General Election on 22<sup>nd</sup> August. The elected Executive Council members are President – Calvin Ginminlien Zou; Vice President – Lobsang Phuntso; General Secretary – Imliwabang L Jamir; Joint Secretary I – Radhe Yangfo; Joint Secretary II – Nekita Singh; Cultural Secretary – Adrita Buragohain; Joint Cultural Secretary – Eddie Lalhlimpaia Ralte; Sports Secretary – Khoda Rath; Media Coordinator/PRS – Yumsen Taipodia and Senior Advisor (Ex-Officio) – J.C. Zolientluong

**FRESHERS' MEET 2019** The Cell conducted its annual Freshers' Meet on September 21, 2019 to help the new students get acquainted with the Cell and break the ice with their seniors.

**PANEL DISCUSSION ON NRC** The Cell in collaboration with La Politique – Department of Political Science held a panel discussion on National Register of Citizens (NRC) on October 18, 2019, with Mrs. Sangeeta Barooah and Dr. Apoorvanand as the panelists.

**MOVIE SCREENING** The Cell in collaboration with Montage – The Film Society held a movie screening on November 8, 2019. The movie screened was titled “Nana – A Tale of Us”. This movie revolves around the themes of love, family, and politics in Nagaland.

**CULTURAL FETE** The Cell conducted its first ever Cultural Fete since its inception on February 18, 2020. The idea behind this Fete was to bring northeast India to Delhi, for those who have not been to or seen the northeast. A whole range of food items and cultural souvenirs were available on that day. A traditional costume stall was also set up so that students could dress in the cultural attires of various communities from the northeast.

**8THNICIA – ANNUAL CULTURAL FEST** The Cell's biggest and most important event, 8THNICIA was held on March 4, 2020. The fest featured wonderful works of arts, from digital art to painting to photography, all done by the students of our Cell. A plethora of cultural souvenirs were put up for those who wanted to take back with them a piece of the northeast. Placards and posters were also put up to help the visiting students get a better knowledge of the complex northeast region. The main event began at 1500 hours, which showcased the rich cultural heritage of the northeast in the form of movements and music. The aesthetically decorated stage witnessed a bucket-full of performances ranging from folk songs, to traditional forms of dances by various cultural dance troupes from different colleges and by our own students as well.

## **NATIONAL SERVICE SCHEME**

**(NSS-KMC)** Unit is working through University of Delhi under Ministry of Youth Affairs and Sports (MYAS), Government of India since the programme was launched by MYAS in 1969.

The volunteers of NSS- KMC unit work with the motto: ‘Not Me But You’. This reflects the essence of democratic living and upholds the need for selfless service. All the volunteers work towards giving back to the society. The strength of **NSS-KMC** cogitate in its tag line **Sahas Se Sahyog Karen** which means to have courage, be/make others empowered to extend helping hand. With this aim all volunteers participate in all the activities, to be more focused, accountable, develop leadership quality, contribute to the community and social work unit. It works under two broad wings: **SAHYOG-** “CHILD EMPOWERMENT WING” with the

“EACH ONE TEACH ONE PROGRAMME” and **SAHAS**-“WOMEN EMPOWERMENT WING”.

The structure of the unit includes Principal as **Patron** Prof. Vibha Singh Chauhan, headed by **Programme officer** Dr. Benu Gupta, **Executive Committee** comprises of four office bearer viz President Ms. Bhavya, Secretary Ms. Toshita Joshi, Treasurer Ms. Arshita Chaurasia, Joint Secretary Mr. Akash Kumar Kannaujiya; **Coordination Committee** comprises of four members with at least one year of NSS experience viz Mr. Rishav Kumar, Ms. Vidhi, Ms. Ananya Yadav, Ms. Sukriti Chawla and **Volunteers** - this year there are total 90 successful volunteers including Boys 41 and Girls 49.

The unit conducts National Programmes (as per directives of MYAS), Out-Reach Programmes and Social Work. SUPATH (Three-day event includes HAPPY FEET & PRIDE PARADE, AASHAYEIN help yourself fest & ALANKARAN and PAHAL empowering women sports meet), KMYP - Kirori Mal Youth Parliament, NSS DAY with WOMEN CONCLAVE, BLOOD DONATION & HEALTH CAMP, UMANG Sports Meet for underprivileged, women & special kids, FELCITATION & Legacy Connection Ceremony, SUMMER-INTERNSHIP. One programme which is run by the unit throughout the year is the EACH ONE TEACH ONE programme, where the children of the adopted village of Chandrawal lane no 3,4,5 & 6 come to college premises every day from 3-5pm. The aim of the programme is to provide academic support/free tuitions, recreational innovative activities, cultural activities and personality development activities, celebrations of national days and festivals for adopted village children in college premises.

Other than these activities, Unit also works not only for the women empowerment but also spreads awareness about the pressing contemporary issues regarding the same through different events, interactive sessions, workshops as well as various drives. In 2019-2020, Unit also joined hands with EKAL VIDYALAYA through which our selected volunteers conducted ‘Helping Hand Camp’ in the villages under Ekal Vidyalaya as a regular feature.

**NSS-KMC can be contacted and followed on:**

nssofficer@kmc.du.ac.in

info.nsskmc@gmail.com,

<https://www.facebook.com/NSSKMC/>

[https://instagram.com/nsskmc?igshid=r0ra0x13o3d](https://instagram.com/nsskmc?igshid=r0ra0x13o3db)

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Other Activities Related Links:

<http://www.facebook.com/its.sahyog/>

<http://www.facebook.com/sahaskmc/>

<http://www.facebook.com/kirorimalwomenconclave/>

<http://www.facebook.com/KiroriMalYouthParliament/>

<http://facebook.com/events/s/aashayein-jashn-e>

[diwali/561519644293350/?ti=cl](http://facebook.com/events/s/aashayein-jashn-e-diwali/561519644293350/?ti=cl)

[http://instagram.com/sahyog\\_kmc?igshid=1m6ig5180yq](http://instagram.com/sahyog_kmc?igshid=1m6ig5180yqu)

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[http://instagram.com/sahas\\_wec?igshid=19plwusq8alws](http://instagram.com/sahas_wec?igshid=19plwusq8alws)



## The Round Table

The Round Table, established in 2013, is an interdisciplinary academic society and fosters dialogue across disciplines. It also strives to facilitate the all-round development of its members. Under the guidance of Staff Advisor Ajay Ranjan, following the rich legacy of the college and keeping in mind the aim of the Society, two topical themes (a) **Reassessing the Abolition of Article 370** and (b) **Movement of the Indian Economy Towards Another Recession** were discussed and debated by the members on September 3, 2019.

**Spectrum: See Beyond the Obvious**, was held on October 4, 2019 with *LGBTQI+ community* and *mental health awareness* as its signature themes. The panel of speakers encouraged us to engage with these themes in all their dimensions and complexities from a human rights perspective. **Kalyug** an activity-based competition challenged its participants to evaluate the importance of mental health and LGBTQI+ rights in their daily lives.

**Intellosphere** The annual event of the Society, was held on January 30 – 31, 2020 and focused on **Different Shades of the Entertainment Industry- the Real, the Reels and in-betweens**. On the first day, presentations and discussion by a group of speakers addressed the sub-themes of challenges to cinematic liberty, use of social media for business, the influence of social media on students and the entertainment industry as a career option. On the second day, a Vlogger's meet was organised on the theme of the power of social media and its influence on today's world.

The **4th edition** of the **Kirori Mal College Model United Nations** was organized on January 31 and February 1, 2020. The opening was presided over by Mr. Kanwal Sibal, the former Foreign Secretary to the Government of India as Chief Guest. **200** delegates participated in this event. The agendas: **Responsible state behaviour in cyberspace, global trade in illicit opiates; Situation in Yemen; The need for electoral reforms in India and tackling the spread of extremism in India** were discussed in a **total of six committees** under the supervision of a skilled executive board.

The Round Table also took forward its initiative called **TRT Talks** where contemporary issues from around the world are presented on an online platform. **Amazon forest fires, US-China trade war and Pandemics through the ages** were the primary themes this year.

# KIRORI MAL COLLEGE, UNIVERSITY OF DELHI

## Sports Achievement 2019-20

The Academic Session 2019-20 was marked as the year of achievement and a high number of prizes for Kirori Mal College (KMC). In 2019-20, the Kirorian i.e. the students of Kirori Mal College, represented the college in 13 different sports at tournaments at different levels like:

Delhi University Inter-College (DUIC)

State, Inter-University North Zone (IUNZ)

All India Inter-University (AIU)

National and International.

They participated in sports like Athletics (M&W), Basketball (M&W), Boxing (M&W), Badminton (M&W), Chess (M&W), Cricket (M), Football (M), Hockey (M), Korfball (M&W combined Team), Para-Athletics (M), Taekwondo (M), Table-Tennis (M&W), Volleyball (M).

Some of the achievements of KMC students are as follows:

- Selection of one basketball player for **International** arena Dubai Basketball League and Taekwondo participation in open International Championship.

- KMC students won the following at different sports tournaments:

**\* Nationals:**

*5 Golds* (2 in Athletics, 1 in Basketball 1 in Boxing, 1 in Chess)

*1 Silver* in Badminton

*2 Bronze* Boxing

5 participation including 1 in Badminton, 1 in Cricket, 1 in Table-Tennis and 1 in Boxing.

**\* All India Inter University (AIU)**

The Kirorians, as members of University of Delhi squad clinched the following:

1 Gold (Boxing)

7 Participation (Boxing M&W).

**\* Khelo First Khelo India University Games 2020**

1 Gold in boxing and 1 Gold with 1 Bronze in KIYG 2020

**\* North Zone Championships**

1 Participation in Basketball (Men)

**\* Delhi University Inter College (DUIC)**

As far as Team Championships are concerned, this year was commendable for bringing back the glory after many years in Boxing (Men) and Chess (Men). The Basketball (Men) & Athletics (Men) Teams were Runner-Ups. Badminton Men's Team secured 'bye' for next year by winning the 4<sup>th</sup> place.

## **Overall KMC won 11 Golds**

- 7 Boxing (M&W) 3 Athletics, 1 Boxing (Men) Team]
- 5 Silver (2 Boxing, 1 Athletics, 2 Team viz Basketball (Men) & Athletics (Men)
- 4 Bronze (2 Boxing, 2 Athletics)
- Badminton team of girls reached up-to quarter-finals

**State Tournaments:** Our students won the following

- 6 Golds (2 Athletics, 2 Badminton M&W, 1 Boxing & 1 Taekwondo)
- 2 Silver (1 Chess & 1 Table Tennis W)
- 3 Bonze (2 Badminton M&W & 1 Table Tennis)

KMC is alsos proud to share that College Teachers' Cricket Team has won the 4th Dr. V. Krishnamurthy Memorial Tournament.

Following are the name of more than 140 sports achievers and participants with their respective events at different level of championships.

## **BOXING**

In **All India Inter University (AIU)** the Kirorian as member of Delhi University squad clinched 1 Gold (Boxing) and 7 Participation (Boxing M&W). KMC made its remarkable presence in 1<sup>st</sup> Khelo India University Games 2020 by winning 1 Gold

**Harsh Rana** won Gold Medal in Khelo India Youth Games and Delhi University Inter College; Silver Medal in 3<sup>rd</sup> Youth Men's National Boxing Championship

**Akash Rawat** won Gold in Delhi University Inter College

**Aaryaveer Chib** won Silver Medal in Delhi University Inter College

**Manvendra Singh** won Gold in Delhi University Inter College and Bronze in Khelo India University Games

**Satyam** won Gold in Delhi University Inter College and Youth Delhi State Boxing Championship; Silver Medal in 3<sup>rd</sup> Youth Men's National Boxing Championship

**Ishmeet Singh** won Gold medal in All India Inter University Boxing Tournament and Delhi University Inter College

**Ayush Negi** won Silver medal in Delhi University Inter College

**Himani Tushir** won Silver medal in Delhi University Inter College

## **BADMINTON**

Badminton (M) team reached the Quarter Finals in the Delhi University Inter College Tournament.

**Chirag Seth** won the Boys Single U-19, in Uttar Pradesh Junior State ranking Badminton Tournament and secured III position in Men's Singles Uttar Pradesh Senior Major badminton tournament. **Rageshri Garg** was Runners Up in Nationals at Hyderabad and Women's Double in East Zone Inter State Badminton Tournament. While **Kavya Gandhi, Rohisha, Rageshri and Adrita Buragohain** reached the **DUIC** semi finals.

## **CHESS**

This year the students of College brought accolades to college in the game of Chess. In the DUIC Chess Tournament Abhilash Sengupta secured the I position and won Gold medal, while Tanvi Ahuja and Princy secured 4<sup>th</sup> position. Aradhya Garg won the National Chess Championship.

## **FOOTBALL, CRICKET, HOCKEY, VOLLEY BALL**

The team participated in DUIC and several Inter College tournaments.

## TABLE TENNIS

In different Inter College and State tournaments our students won Silver and Bronze medals. **Tavishi Bansal** won Silver medal in UP State Table Tennis Tournament, while **Ashish Tiwari** won Bronze in Haryana State Table Tennis Tournament

This year the Cricket Team of the Kirori Mal College Teachers won the 4th **Dr. V. Krishnamurthy Memorial Tournament**.

## INFRASTRUCTURAL COMMITTEE

### Garden Committee

Garden of Kirori Mal College was planned in a beautiful manner since its inception and was given primary importance. Various lawns were created at different places within the college premises. These included Ashoka lawn, library lawn, hostel lawn, canteen lawn, herbal garden, staff room lawn. All these years these lawns have been well managed which made the college garden as one of the finest in Delhi University. Beginning with the academic session (**2019-20**) saplings for summers were planted in the flower beds of Ashok lawn. Various summer plants like cosmos, sunflower, Kochia etc. were used for adorning these beds.

The Committee under the Convener Dr. Ram Babu took up the major task of clearing College compound of construction debris to make space for 'Green Zone'. Agricultural soil and cow dung manure helped to rejuvenate for plantation, which has been aided by Mr. R.D. Shakya. College nursery also supplemented the plantation work by providing more plants. Now the plants have given out fresh sprouts and the area looks greener and lively. Green Belt Project has been a success. Two cycle rickshaws to increase transport efficiency for garden related materials, were purchased. College can proudly boast of **Vermicomposting** as a Best Practice that was initiated this year by Dr Ram Babu and Dr. Sunil Dhiman. Mr. R.D. Shakya not only provided the proper guidance for the technique but also the infrastructure for its execution. Four Vermicomposting chambers were placed and in the College Nursery. Leaves from the fall of October were used as raw material. Five months have passed and the compost is ready for use and the vermicomposting units are ready for fresh cycle.

In **October 2019**, preparation for the seasonal plants for oncoming winter and spring were done simultaneously. Gardeners, especially Ram Lakhan, had prepared variety of seedlings including Dahlia's, Dianthus, Phlox, Gerbera, Salvia, Marigold, Chrysanthemum, Mesembryanthemum etc. Ashoka lawn flower beds were also planted with many such seedlings

The Nursery green house (The protective shed for delicate plants) also has shown aging and was in bad shape. During this academic session (**January 2020**) this shed was completely brought to a new life by increasing its strength.

Garden Committee purchased two electric lawn mowers (**February 2020**) (Makita- Japanese company). These Lawn mowers can work silently without creating noise or air pollution.

Over the years some trees have died a natural death and many have overgrown and therefore need pruning. Garden Committee has identified and marked such trees, documented and photographed them. With all this information, a detailed report has been prepared by college administration (**March 2020**) to Ministry of Environment and Forests/concerned regulating agencies, Delhi, asking them for permission and taking appropriate action including removal of dead trees as well as pruning of overgrown trees.

Principals' bungalow witnessed revival of the garden under the initiative of the Committee. A small area of land is being used for kitchen gardening based on the practices of organic farming

## **Gymnasium Committee**

Gym is an integral part of Kirori Mal College in which both sportspersons and non- sportspersons come for fitness. With Vikram Singh Chaudhary as the Convener, the committee members Mr Dhiraj Kumar, Mr Puneet Yadav, Ms Roopinder Oberoi, Ms Manisha and Mr. B. Sthanga are actively participating to improve the Gym. The two Gym instructors Mr Kuldeep and Mr Sooraj are quite supportive with students as well as teachers. Mr Vinod takes care of cleanliness and maintenance of Gym machines.

In the year 2019-2020, we have converted the best of our knowledge into practical outputs and given good results to the fitness seekers in the college and helped many sportsmen from various fields in excelling their limits in terms of physical strength and achieving the milestones.

Below listed are few tournaments/ teams/ sportsmen, whom we have supported in 2019-20 and got excellent results for the College:

- ❖ Basket Ball:
  - NBA Academy Tournament
  - Hindu Invitational Tournament
  - Intercollege Tournament
  - KMC Invitational Tournament
  - JMC Invitational Tournament
  - St. Stephens Invitational Tournament
  
- ❖ Football:
  - Delhi University Intern College Tournament
  - Reliance Foundation Youth Sports Tournament
  - SRCC Invitational Tournament
  - Ashoka University (Agneepath)
  - Zakir Hussain Memorial Tournament
  - Delhi Football (Delhi Football Association)
  
- ❖ Boxing:
  - Participated in multiple tournaments and achieved good results with medals
- ❖ Personal Achievements:
  - Transformation of basket ball players like “Vikrant Tiwari”, “Anubhav Kumar” and “Manraj Singh”
  - Transformation of Boxing players like “Arya”, “Ishmit” and “Akash Rawat”
  - Individual Students Special Transformation:
    - Pradeep Kharera: participated in RUBARU Mr.India and won an International Title of Mr.United Continent, WBC Asian Champion Title Belt holder; Indian Professional Boxing Title 2019;
    - Suraj Malik: Participated in RUBARU Mr.India and won Title of Mr.India Perfect Body and Mr.Popular Worldwide;
    - Ajay Yadav: Participated in junior Mr.Delhi power lifting competition 2019 and won Silver medal
    - Bhavesh: He applied for Air Force, but as per the physical requirements he was underweight, so helped him gaining approximately 10kgs in 45 days which helped him for his physical test
  - We transform approximately 60-70 students every year for their personal goals.

## **The N.S.Pradhan Memorial Library**

The N.S.Pradhan Memorial Library is one of the most extensive libraries of the University of Delhi. There is huge collection of approximately one lac fifty-one thousand books. The library subscribes to 53 Periodicals & 19 Newspapers. A good collection of Reference & Rare books and other resources that are made accessible for reading and reference purpose. Faculties and Students from all academic branches can find resources as per their reading interests and requirement. We conduct Orientation Programme of the library to make students aware as to how to use library & its resources. The website of College incorporates the page of library which gives information about the College Library. The library provides access to E-resources to faculty, students & researchers on DU portal through Wi-Fi and also N-List program. The library provides various facilities to the Visually impaired & physically handicapped (Divyangjan) students & faculty thereby creating a congenial work environment for them. Separate computer system installed with Jaws software & headphones are functional. Angel (talking digital daisy pocket player), Laptop, Braille material are made available for circulation among the students, apart from this, the concerned students are provided with membership of Delhi University Braille Library, so that they can access all available material.

## FOUNDER'S DAY

The Founder's Day of the College was celebrated with great enthusiasm and zeal on February 1, 2020. Shri Amarendra Khatua, KMC alumnus and Retd. Secretary, Ministry of External Affairs was the Chief Guest on the occasion. The Day started with Saraswati puja. Flag hoisting by the Chief Guest was followed by the Guard of Honour. NCC cadets enthralled the audience with their skills and activities. The college felicitated our alumni Ms. Pratibha Jain, Advocate; and Shweta Singh and Kislay for their contribution to Cinema. The Fine Arts and Photography Society set up a fascinating exhibition that was appreciated by everyone. This year the works of art of both students and faculty were on display. MUSOC, Sensation and Players presented their spell bound performances. The performance by MUSOC began with Saraswati Vandana 'Veena Vadini', followed by MUSOC's annual Indian Classical composition and a small medley comprising of some old Bollywood classics. This year, for the first time ever, MUSOC collaborated with the drama society THE PLAYERS in performing a self-scripted play, 'Hum Dekhenge'. The choreo wing of Sensation presented 'Laxmi- A Victim to a Victor'. The scintillating performances were followed by an Alumni interaction. It was a treat to see the alumni share their nostalgic memories, with speeches and songs. On this occasion, it is a pleasure to meet our retired staff members who have contributed to the building of the Institution. The day culminated with sports activities and Cricket match between Principal's XI and Students Union XI.

## IQAC

The team of IQAC undertook several initiatives in the Academic year 2019-2020. The year started with organizing a sensitization programme on **Legal Awareness on Anti-ragging and sexual harassment** for the students who had freshly joined the college in collaboration with Central District Legal Services Authority, Tis Hazari.

In collaboration with the Institute of Secretariat Training and Management a One day Training Programme for the teaching and non-teaching faculty members was organized on "**Service Related Matters**" addressing important issues like the Right to Information, General Finance Rules, Roster in Reservations and Sexual Harassment at workplace.

In collaboration with Central District Legal Services Authority, Tis Hazari, the college started a **Certificate Course on Legal Issues in Civil Society** under which lectures by judges were

organized for students on issues like POCSO Act, Child labour, Dispute resolution, Mediation, Traffic Laws etc. Exposure visits to Tis Hazari Courts and Tihar Jail was organized. The successful students are in process of being enrolled as Para Legal Volunteers, wherein they can assist in creating awareness regarding various legal issues to persons who can most often not afford Legal aids.

The college has been awarded the **UGC-PARAMARSH** scheme under which we are mentor to 8 Institutions of Higher Education to help them in process of NAAC accreditation. These institutions are Aditi Mahavidyalya, New Delhi Institute of Management, Rawat PG Girls College, Alankar College, Bansur College, Siliguri Institute of Technology, SRS Institute, Ginni Devi Modi Girls College. Apart from Siliguri Institute of Technology and SRS Institute, the IQAC team has visited the Mentee Institutes and conducted NEED ANALYSIS for preparedness for NAAC.

On January 6-7, 2020 in collaboration with DBT Star College Scheme, IQAC organized Two Days Seminar on **Protecting and Assessing Innovative Ecosystems**. Lectures on Patents, Trademarks, Patent Protection, Plagiarism and NAAC- the new system was conducted. Faculty members, students and representatives of all the 8 Mentee institutions under **UGC-PARAMARSH** participated in the Seminar.

ICC and IQAC organized lecture on **'Sexual Harassment at workplace'** for the non-Teaching staff of college on January 10, 2020 by Ms. Neeti Suri Mishra, Secretary, CDLSA.

Information Session for students was organized on **Summer School and internship in Oxford and Cambridge** by Mr. Danny Pan on January 20, 2020.

ICC and IQAC organized a **Self Defence Training Programme** for girls students from February 10-21, 2020. The Programme was conducted in collaboration with the Central District Legal Services Authority and Delhi Police (Special Unit for Women and Children)

## **UNNAT BHARAT ABHIYAAN**

The Kirori Mal College has been selected for Unnat Bharat Abhiyan sponsored by IIT - Delhi. Unnat Bharat Abhiyan is a flagship program of the Ministry of Human Resource Development, with the intension to enrich rural India. It also aims to create a vibrant relationship between society and the higher educational institutes, with the latter providing the knowledge and technical support to improve the livelihoods in rural areas and to upgrade the capabilities of both public and private organizations in the society. Under the program, College has adopted **5 villages (Munni, Sahaipur, Narayanpur, Bhogpura, Rudri)** near Khurja in Bulandshahar district of Uttar Pradesh and carrying out studies of living conditions, assessing the local problems and needs. The students and faculty members are frequently visiting adopted 5 villages time to time and conducted **village level and household level survey in May 2019** to understand the socio-economic profile of the villagers to understand their socio-eco problems. On January 23, 2020, college organized one day **Health check –up camp** for the villagers in association with Chhatrapati Shivaji Subharti Hospital, Meerut and Kailash Hospital, Khurja to spread medical and hygiene awareness and distributed free of cost medicine to the villagers. The team of doctors checked 250 villagers and prescribed them different kind of medicines as per the treatment. College has also distributed stationery and hand-wash soap to 80 students of the primary school of the Sahaipur village during the camp. On February 19, 2020 One day awareness program on **Menstrual Health and Hygiene** was conducted at Munni and Rudri village of Bulandshahar in collaboration with VYOMINI. More than 100 women participated in the awareness program. Program was organized at village school, and females from the age group 15 to 45 participated in the program.

## **DBT STAR COLLEGE SCHEME**

In May 2019, Kirori Mal College was sanctioned the DBT-Star College Scheme for four departments of our college i.e. Botany, Chemistry, Physics & Zoology with the explicit purpose of strengthening education and training in Science at the undergraduate level. The Programme Coordinator for the three-year DBT-Star Scheme is Dr. Anita K. Verma (Department of Zoology) and the other three subject coordinators: Dr. Renu Kathpalia (Department of Botany), Dr. Reena Saxena (Department of Chemistry), Dr. Sangeeta Gadre (Department of Physics). The Principal Dr. Vibha S. Chauhan is the Chairperson of the Coordinating Committee.

As per the objectives of the scheme, a Mushroom cultivation Shed; A Plant tissue culture Lab; a Microbiology Lab; and the Fish Aquaria have been added to enhance the physical infrastructure to enable us to achieve excellence in teaching and training programmes. We have also organized 32 activities to enhance the quality of the teaching-learning process. The programme also aims at stimulating original thinking through ‘hands-on’ exposure to experimental work and participation in summer schools. The students from the Department of Physics, Kirori Mal College visited the Department of Physics and Astrophysics with the hope of ushering in the culture of promoting networking and strengthening ties with neighboring laboratories. Dr Renu Kathpalia and Dr Anita Kamra have organized several outreach activities in Shivaji College and Institute of Home Economics to strengthen ties with neighboring institutions. Department of Botany conducted a specialized training program on “DNA Barcoding and Metagenomics” for faculty improvement. The college has also purchased new equipment to increase the capabilities of core instrumentation resources and upgrade the existing facilities. The visit of the students from the Department of Chemistry to Sun Pharma, Gurugram was organized to provide them the experience of functioning of research laboratories and industries in the country. A number of hands-on-workshops were organized to help the students to become aware of Standard Operating Procedures (SOP’s) that is essential for conducting proper practicals in the lab. The sanctioned grant has also been utilized to purchase books for the Departmental Libraries for use by students and teachers. Twenty-three are actively engaged in projects under the DBT-Star Scheme. Three undergraduate students have presented their work in the “National Conference on Emerging Trends and Future Challenges in Chemical Sciences” (ETFC-2020) held in January 2020.

#### **Chronological list of the activities under the aegis of DBT Star College Scheme**

S. No.	Date	Activity
	3 Jun 2019	Hands-on-Workshop on “Basic Laboratory Techniques” for the Laboratory Staff of Department of Zoology.
	18-19 Jun 2019	Two-day Workshop on “MS Office” for Lab Staff of Department of Botany, Chemistry, Physics and Zoology was organized in Computer Lab
	26 Jun 2019	Workshop on “Basic Lab Instrumentation for UG Chemistry Lab” for Lab Staff of Department of Chemistry in Chemistry Lab
	24 Jun-5 Jul 2019	Two- week Summer Training on “Basic Biochemical and Microbial techniques” for students was organized by Department of Botany
	12 Jul 2019	One day workshop for non-teaching staff on “Basic lab techniques”
	29 Jul 2019	"DBT-BIRAC Leadership Dialogue Series in partnership with AIIMS
	30 Aug 2019	Field visit and presentation on Mushroom Cultivation
	13 Sep 2019	Outreach Activity by Dr Anita K. Verma at Institute of Home Economics,
	19-20 Sep 2019	Workshop on “DNA Barcoding and Metagenomics” by Botany Department



24 Sep 2019	Visit to EMDL, Department of Physics & Astrophysics, Delhi University
24 Sep 2019	Outreach Activity of Botany Coordinator to Shivaji College
30 Sep 2019	Inaugural Lecture series was organized by Department of Chemistry
30 Sep 2019	Mushroom cultivation Facility established
4 Oct 2019	Workshop on "Use of Animals in Research & Education-a necessity?" organized by Department of Zoology
19-22Oct 2019	Lecture Series on Quantum Mechanics by Department of Physics
14 Oct 2019	Talk on Basic Astronomy by Department of Physics
14 Oct 2019	Skywatch Event by Department of Physics
11 Nov 2019	Road Show at NII was attended by 10 students of Department of Zoology as a pre-event to Global Bio-India Summit
21-23 Nov 2019	Global Bio-India Summit 2019 at Aero-city, New Delhi. attended by Faculty and 20 students. Registrations were waived off by DBT
19-21 Dec 2019	"National Conference on Nano/Bio-Technology (NCNB-2019)" attended by Faculty and 20 students. Registrations were waived off by DBT
6-7 Jan 2020	National Seminar on "Protecting & Assessing the Innovative Ecosystem" at the Academic Auditorium, K.M. College
8 Jan 2020	DBT-BIRAC Leadership Dialogue at NII attended by students of Zoology department
10 Jan 2020	National Conference on Emerging Trends and Future Challenges in Chemical Sciences (ETFC-2020) organized by Department of Chemistry under the aegis of DBT Star college scheme
10 Jan 2020	Hands on training on Oyster Mushroom cultivation by Botany Department
24 Jan 2020	Seminar-Cum-Workshop was organized by Department of Physics on "How To Use Digital Storage Oscilloscope?"
30 Jan 2020	"Opportunities in ornamental fish culture; aquarium set-up & feed preparation" by Department of Zoology where students from five colleges attended the workshop
24-25Feb 2020	Two-day Annual Festival 'BIOGALA-2020' of B.Sc. (Life Sciences)
27 Feb 2020	One-day workshop on "Basic Techniques in Animal Cell Culture" by Department of Zoology.
27 Feb 2020	National Science Day Celebrations at Department of Zoology, K.M. College.
28 Feb 2020	Industrial Visit to Sun Pharma, Research and Development Centre, Gurgaon by students of Department of Chemistry
28 Feb 2020	<b>आरोहण</b> Regional Centre for Biotechnology Open Day: Outreach Program on National Science Day
28 Feb 2020	Visit to National Science Centre by students of Department of Physics
29 Feb 2020	Workshop On "Computational Chemistry & Molecular Modelling in Drug Design"
5 Mar 2020	Microbial Culture Room was created by Department of Botany and Zoology

## Graduation Academic Awards 2019 (Session 2018-19)

S.No.	Students Name	Exam. Roll No.	Course	CGPA	Division
1	SAHOOKAR	16036510044	B.A. (Hons.) Economics IIIrd Year	9.081	I
2	ANUKRITI BAJPAI	16036511005	B.A. (Hons.) English IIIrd Year	7.405	I
3	RAHUL PRASHAR	16036513034	B.A. (Hons.) Geography IIIrd Year	8.595	I
4	SAURABH KUMAR SINGH	16036516036	B.A. (Hons.) Hindi IIIrd Year	8.554	I
5	HASSAN KHAN	16036518018	B.A. (Hons.) History IIIrd Year	7.703	I
6	ANISHA P.V.	16036527007	B.A. (Hons.) Pol. Science IIIrd Year	7.703	I
7	ANKIT KUMAR	16036529005	B.A. (Hons.) Sanskrit IIIrd Year	7.811	I
8	GULABSHAN	16036533008	B.A. (Hons.) Urdu IIIrd Year	7.784	I
9	RAHUL PAWDIA	16036501088	B.A. (Prog.) IIIrd Year	8.348	I
10	RADHIKA AGRAWAL	16036504063	B.Com. (Hons.) IIIrd Year	9.216	I
11	ARUN	16036503019	B.Com. (Prog.) IIIrd Year	9.227	I
12	SAHIL CHAUDHARY	16036556029	B.Sc. (Hons.) Botany IIIrd Year	9.622	I
13	ANKIT SAINI	16036557015	B.Sc. (Hons.) Chemistry IIIrd Year	9.027	I
14	YOGESH MISHRA	16036563079	B.Sc. (Hons.) Mathematics IIIrd Year	9.554	I
15	ANKUSH CHAUBEY	16036567024	B.Sc. (Hons.) Physics IIIrd Year	9.176	I
16	AARUSHI KAPOOR	16036568015	B.Sc. (Hons.) Statistics IIIrd Year	9.676	I
17	SHANTNU KUMAR	16036569040	B.Sc. (Hons.) Zoology IIIrd Year	9.541	I
18	VIDISHA SINGH	16036582103	B.Sc. (Prog.) Phy. Science IIIrd Year	9.348	I
19	ANAND KUMAR MISH-RA	16036582111	B.Sc. (Prog.) Phy. Science (Comp.Sc. IIIrd Year	9.333	I
20	VAISHALLY	16036583040	B.Sc. (Prog.) Life Science IIIrd Year	8.818	I
21	SIDDHARTH BALHERA	16036585017	B.Sc. (Prog.) Anal. Chemistry IIIrd Year	8.682	I
22	JAHNAVI VAID	17036511014	B.A.(Hons.) English II <sup>nd</sup> Year	8.04	I
23	TANYA SINGH	17036518061	B.A.(Hons.) History II <sup>nd</sup> Year	7.36	I
24	NITIN GUPTA	17036527042	B.A.(Hons.) Pol. Science II <sup>nd</sup> Year	8.07	I
25	SAHIL	17036557092	B.Sc.(Hons.) Chemistry II <sup>nd</sup> Year	9.50	I
26	NIKHIL SAXEMA	17036563043	B.Sc.(Hons.) Mathematics II <sup>nd</sup> Year	10.00	I
27	NANCY BAJAJ	17036504053	B.Com.(Hons.) II <sup>nd</sup> Year	9.29	I
28	RAJ SUNAINA RAO	18036511031	B.A.(Hons.) English I <sup>st</sup> Year	7.82	I
29	PURVAI DWIVEDI	18036518031	B.A.(Hons.) History Ist Year	8.00	I
30	JATIN KAUSHIK	18036527019	B.A.(Hons.) Pol. Science Ist Year	8.09	I

31	ANKITA	18036557010	B.Sc.(Hons.) Chemistry Ist Year	9.14	I
32	ANJALI RAI	18036563005	B.Sc.(Hons.) Mathematics Ist Year	9.55	I
33	ANKIT KUMAR	18036504005	B.Com.(Hons.) Ist Year	9.27	I

### Post Graduation Academic Awards 2019 (Session 2018-19)

S.No.	Students Name	Exam. Roll No.	Course	Maximum Marks	Obtained Marks	%	Division
1	NANCY SHARMA	1701111	M.A. (Final) English	1600	1059	66.18	I
2	ATEEKSHA	1703305	M.A. (Final) Hindi	1600	1077	67.31	I
3	PRIYA	1705916	M.A. (Final) History	1600	1007	62.93	I
4	NARAYAN ROY	1707921	M.A. (Final) Pol. Science	1600	975	60.93	I
5	DEEPAK SHARMA	1710504	M.A. (Final) Sanskrit	1600	1280	80	I
6	MOHAMMAD ASAD	22116	M.A. (Final) Urdu	1600	1221	76.31	I
7	MANSI BANSAL	1720005	M.Sc. (Final) Botany	2400	1766	73.58	I
8	ASHI MITTAL	1715310	M.Sc. (Final) Chemistry	2100	1645	78.33	I
9	SAVITA	1717035	M.Sc. (Final) Mathematics	1600	1327	82.93	I
10	KHUSHBOO GARG	1723213	M.Sc. (Final) O.R	2000	1555	77.75	I
11	HARSH WADHWA	1714013	M.Sc. (Final) Physics	2000	1487	74.35	I
12	SHIVANI SINGH	1721111	M.Sc. (Final) Zoology	2400	1829	76.2	I