

ANNUAL REPORT 2019



KIRORI MAL COLLEGE
University of Delhi

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Principal's
Annual Report

Annual Day
April 26, 2019



Dr. Vibha Singh Chauhan
Principal

From the Principal

Good Morning Everybody!

It gives me immense pleasure to welcome each and everyone of you to the 65th Annual Day celebrations of Kirori Mal College. I warmly welcome to the Annual Day 2019, our Chief Guest Professor Pami Dua; our Guests of Honour, Brigadier Salil Sharma and Shri Sudhanshu Ranjan; our Special Guests from the College Governing Body; my dear colleagues and staff members, and our dear students. The Annual Day is the culmination of the tireless labour and enthusiastic engagements of students and staff during an entire academic year. It is a day when we rejoice in our achievements, felicitate the students who have brought laurels to the college, and the day when we set our future goals, always keeping in mind those areas where improvement is possible.

Ladies and gentlemen, we are truly delighted to have the distinguished Professor Pami Dua as our Chief Guest today. An alumna of the renowned London School of Economics, she currently teaches economics at the Delhi School of Economics. She has been a Visiting Research Associate at Columbia Business School and a Visiting Faculty Fellow at Yale University. Professor Dua has published extensively in journals and books. In addition to her scholarly achievements, her outstanding administrative skills are certainly worthy of mention. She has served as the Director of the Delhi School of Economics, and is currently Dean Research as well as Dean, Academic Activities and Projects, University of Delhi. Besides this, she is also a member of the Monetary Policy Committee of the Reserve Bank of India.

Our Guest of Honour, the eminent Brigadier Salil Sharma, is a KMC alumna. It is a matter of pride for us that Brigadier Sharma was the University topper of his batch. Trained at the acclaimed Defence Services Staff College, he has served Indian Army's Armoured Corps (tanks) for the last thirty three years, and has commanded an armoured regiment and an armoured brigade. Besides this, he has been deployed in counter insurgency operations in border states. He was also selected for the prestigious United Nations Mission in Congo.

Our second Guest of Honour, Shri Sudhanshu Ranjan, is a well-known senior TV Journalist with DD News. He is an alumna of KMC and of the Film and Television Institute of India, Pune. He has covered international events and summits such as G-20, G-8, ASEAN and SAARC, among others. He has broken several stories connected with scams, and undisclosed assets of prominent people. Mr. Ranjan also has a number of publications to his credit.

All of you are, indeed, a great source of inspiration, and we thank you heartily for gracing the occasion with your presence.

2018-19 will be remembered in the history of KMC as the year of remarkable initiatives and drives. Great strides have been taken in all directions, and it would give me immense pleasure to share some of these with you:

- 2018-19 has seen the college move forward and progress in several areas. The NIRF (National Institutional Ranking Framework) rank of the college has gone up. We are now ranked at number 18 among 4000 colleges of the country. Thus we have risen two notches higher than our earlier 20th position, and we have moved from 57.32 points to 61.67 points: which is a gain of 4.35 points.
- The other prominent feather in our cap is that the DBT (Department of Biotechnology) Star College Scheme has declared Kirori Mal College as a 'STAR' College based on the performance of our science departments: Botany, Chemistry, Physics and Zoology.
- KMC competed for, and received, the UGC sponsored grant under NSQF (National Skill Qualification Framework). The college organized and successfully ran a six months Certificate Course on *Entrepreneurship and Start-Up*, a course that has been attended by not just our students but also students from other colleges as well as some members from neighbourhood communities. The college has also signed MoUs with four government agencies under this scheme.
- The college continues to be deeply sensitive to the needs of our visually challenged students and has installed the Digital Vision Equipment that is connected to the mobile phones of the visually impaired students and helps them to navigate through the college and the hostel. The Digital Vision Equipment articulates information about the physical surroundings of the students and thus enables them to identify their location. KMC is one of the two colleges in the University of Delhi campus to install this technology.

- The network of the PNG (Pipelined Natural Gas) connection has already been installed in the college. This fuel is environmentally friendly as it emits significantly fewer pollutants than the traditional LPG cooking gas. The PNG connection has already started functioning in the college hostel. This not only provides greener fuel but has also cut down the cost of cooking gas by almost half. It must also be mentioned here that this became possible only by the initiative taken by the hostellers who decided to financially support this venture through payment made in installments. Thank you, dear students, for this gesture, and for showing the college the right path to follow.
- KMC has also started working towards making the college campus a plastic free zone. Usage of plastic glasses, spoons and plates and plastic flexes used during functions has been discouraged. Students are urged to take up responsibility for clearing up the venue after student festivals and events.
- The college has initiated the alumni interaction drive which has helped us touch base with our former students. Many KMC alumni have contributed to our building fund. Justice Patnaik, former Chairman of the college Governing Body and an alumnus of the college, has contributed a handsome sum of two lakhs to go towards the renovation of the auditorium and the girls' hostel which still remains a project in our heads but we hope that it will soon take physical shape. Right now this seems a daunting task but I am sure, determination, consistent sincere hard work and support from KMC alumni will turn this dream project into reality.
- Another alumnus of KMC, Mr. A.D. Singh, has made a staggering contribution of rupees one crore towards the renovation and upgradation of the College auditorium. On behalf of his own College, I extend my heartfelt gratitude to him.
- It would be fitting, at this point, to inform the audience that the college has been successful in procuring the 80G Certification that brings the benefit of tax-exemption to donations made to college.
- KMC now has fifty-one vibrant societies and committees. Of these, the three most recent ones added this year are the Media Committee, the Peace Club and the Civil Services Society.
- The digitalization and upgradation of the library is a pressing need and a serious agenda of the college that will be taken up by us in this academic year.
- The current 65th edition of the college annual magazine will be released today and for this I wholeheartedly acknowledge the tireless effort put in by our versatile student editors, who poured out their heart and soul to make this an exceptional edition. The credit for this goes to Dr. Praveen Kumar Anshuman, Assistant Professor of English, and the dedicated convener of the Annual Magazine Committee, which in its new incarnation is popularly known as AMCatKMC.
- I would also like to inform you that "Avenues", the Placement Cell of KMC has been successful in facilitating fifty-six job placements for our students. The immense confidence of leading organizations and corporate giants in KMC students became evident during the placement sessions which saw 74 companies offer them positions.

Another outstanding achievement has been the impressive range of performances in the Sports category. Our students have won medals and championships in various tournaments at Inter-College, State, Inter-University, National and International levels. It is heartening to see that our college excelled in Para-sports games held this year at both National and International levels.

Insofar as construction work is concerned, we have made a significant start. Our efforts to obtain UGC funding have been successful. We now have some funds to renovate the library, the academic block and the Principal's residence. All of this would be a significant part of the larger plan of the renovation and upgradation of the college infrastructure as a whole, of which the long pending renovation of the 'Frank Thakur Das Memorial Auditorium' in our college forms a very important part.

2018-19 is also significant for its vibrant academic activity. Numerous conferences, seminars and workshops were conducted by almost all the departments of KMC, details of which have been published in the Annual Report 2019. A copy of the Report is readily available for your perusal. Given the constraints of time, I will mention only a few of our academic ventures held this year:

The Oceanvale Workshop Programme, the first of its kind across all the departments of English in University of Delhi colleges, was launched in July 2018 under the able guidance of the Convener of

the programme, Dr. Sunjay Sharma. The programme was made possible by the generous endowment bestowed by the sister of a KMC English Honours alumnus, Ravi Singh, who met with an untimely tragic end. We have conducted two editions of *Oceanvale*, one in each of the two semesters of 2018-19. An inter-college event, it attracts the best students in English B.A. Honours and M.A. English Courses of the University of Delhi. Distinguished panelists mentor the selected *Oceanvale* scholars, each of whom submits a paper written over a period of five months. The best paper in each category—undergraduate and postgraduate—is awarded a handsome cash prize of Rs.10,000.

In September 2018, a three-day International Conference entitled, "Olympic and Indian Values in Global Context" was organized by Dr. Benu Gupta, Associate Professor, Department of Physical Education, KMC. The conference was attended by more than 250 delegates from India and abroad, and by several dignitaries, including Arjun and Dronacharya awardees.

In February 2019, the first ever two-day Dalit Festival was held at KMC. It was organized by Dr. Namdev and his colleagues from the Department of Hindi. Over 600 writers, composers, dramatists, artists and social workers from across India participated in the event. The first edition of the magazine, *Rhythm*, was also launched during the event.

In March 2019, a two-day International Conference entitled, "Politics, Power and Spectacle in Shakespeare" was held at KMC in collaboration with the *Shakespeare Society of India* and the Department of English, University of Delhi. Shakespeare scholars presented thought provoking papers on the works of Shakespeare. Two adaptations, one of *King Lear*, and the other of *Macbeth*, were staged. Scenes from a film on *Hamlet* made by the *Shakespeare Society* were also screened.

For the many more achievements of the college during this academic year, please go through the Annual Report where you will discover with pride the details of the academic achievements of our faculty members, the academic and co-curricular awards won by our students and the constructive and creative activities of the Departmental and Cultural Societies.

I express my heartfelt gratitude to the Governing Body members, the faculty of KMC, the office staff and the college students for their unstinting support, cooperation, and ready assistance during the year. It is their undying zeal and dedication that made it possible for the college to achieve what it has managed to do. Together let us carry our proud legacy forward and scale greater heights of excellence.

Every end is a new beginning. One academic year has ended but a new academic year beckons us. Let us tirelessly and enthusiastically continue to walk on the path of success. At this point, I am reminded of the inspiring words of the Hindi poet Shivmangal Singh 'Suman':

*Gati prabal pairon mein bhari
Phir kyun rahoon dar dar khada
Jab aaj mere saamne, hai raasta itna pada
Jab tak na manzil paa sakoon
Tab tak na mujhe viraam hai
Chalna hamaara kaam hai.*

(With potent force my feet are full
Then why must I stand still and fearful
When the long road beckons me on?
There is for me no pause nor stop
Till I at my destination do reach
To walk ahead is my only task.)

Thank you very much!

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| j) Department of Mathematics | | |
| k) Department of Physics | | |
| l) Department of Political Science | | |
| m) Department of Sanskrit | | |
| n) Department of Statistics | | |
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| | | |
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| e) ENACTUS KMC - The Entrepreneur Wing | | |
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| g) FIC - The Finance and Investment Cell | | |
| h) FOSTAS - The Foreign Students' Association | | |
| i) Kartavya - The Civil Services Society | | |
| j) La Voice - The Newsletter | | |
| k) Parivartan - The Gender Forum | | |
| l) Prayas - The Enabling Unit | | |
| m) NCC - The National Cadet Corps | | |
| n) N-ESC - The North East Students' Cell | | |
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**ACADEMIC AND
CREATIVE AWARDS
(STUDENTS)**

AMCatKMC AWARDS 2019

| SI No. | Name | Course | Exam Roll No. | Award Details |
|-------------------------|------------------------|---|---------------|---|
| EDITORIAL AWARDS | | | | |
| 1. | Ms. Ayushi Mathur | B.Sc. (H) Statistics 2nd Year | 17036568012 | Amitabh Bachchan Award (Versatile Genius of Outstanding Performance) |
| 2. | Ms. Ayushi Mathur | B.Sc. (H) Statistics 2nd Year | 17036568012 | Jagdish Chandra Mathur Award (Student of the Year as the Best Editor) |
| ACADEMIC AWARDS | | | | |
| 3. | Ms. Yachna | M.A. (Previous) Sanskrit | 1884378 | Kālidāsa Award (Best Creative Writer) Sanskrit Language Section |
| 4. | Ms. Sneha Banerjee | B.A. (Programme) 2nd Year | 17036501074 | Rabindranath Tagore Award (Best Creative Writer) Bangla Language Section |
| 5. | Ms. Sadaf Rana | B.A. (H) Urdu 2nd Year | 17036533024 | Kaifi Azmi Award (Best Creative Writer) Urdu Language Section |
| 6. | Mr. Arpit Kumar Shukla | B.Sc. Analytical Chemistry 2nd Year | 17036585005 | Dr. Harivansh Rai Bachchan Award (Best Creative Writer) Hindi Language Section |
| 7. | Ms. Palak Kapoor | B.Sc. (H) Physics 1st Year | 18036567068 | R.K. Narayan Award (Best Creative Writer) English Language Section |
| 8. | Ms. Mehak Jindal | B.Com. (Programme) 3rd Year | 16036503061 | Kautilya Award (Best Creative Writer) Commerce Section |
| 9. | Ms. Khyati Singh | B.A. (H) Political Science 3rd Year | 16036527033 | Dr. B.R. Ambedkar Award (Best Creative Writer) Social Science Section |
| 10. | Mr. Aashish Yadav | B.Sc. Physical Science with C.S. 2nd Year | 17036582117 | Dr. A.P.J. Abdul Kalam Award (Best Creative Writer) Science Section |
| GRAPHIC AWARDS | | | | |
| 11. | Ms. Srishti Manchanda | B.Com. (H) 1st Year | 18036504081 | Leonardo Da Vinci Award (Best Creative Artist) Front Cover Designing |
| 12. | Mr. Abhishek Makol | B.Sc. (H) Chemistry 2nd Year | 17036557004 | Vincent Van Gogh Award (Best Creative Artist) Back Cover Designing |
| 13. | Mr. Sarthak Ahuja | B.A. (H) English 1st Year | 18036511040 | Amrita Sher-Gil Award (Best Contributor in Art Gallery) |

ACADEMIC AWARDS

| Sl. No. | Exam Roll No. | Name | Course | % or CGPA | Division |
|-------------------------------|---------------|---------------------------|--|-----------|----------|
| 1. | 15036510034 | HIMANSHI GOEL | B.A. (H) Economics 3rd Y | 8.946 | I |
| 2. | 15036511043 | UTKRISHTA SHARMA | B.A. (H) English 3rd Y | 7.851 | I |
| 3. | 15036513032 | PRAKASH SINGH | B.A. (H) Geography 3rd Y | 8.905 | I |
| 4. | 15036516009 | HARSHIT RAJ SRIVASTAVA | B.A. (H) Hindi 3rd Y | 8.676 | I |
| 5. | 15036518032 | PRIYANKA CHATURVEDI | B.A. (H) History 3rd Y | 8.014 | I |
| 6. | 15036527027 | MEGHA SHARDA | B.A. (H) Political Science 3rd Y | 8.189 | I |
| 7. | 15036529009 | MANISH | B.A. (H) Sanskrit 3rd Y | 7.514 | I |
| 8. | 15036533005 | FROGH AHMAD | B.A. (H) Urdu 3rd Y | 7.838 | I |
| 9. | 15036556024 | NAGMA KHAN | B.Sc. (H) Botany 3rd Y | 9.135 | I |
| 10. | 15036557014 | AMRDEEP KUMAR | B.Sc. (H) Chemistry 3rd Y | 9.405 | I |
| 11. | 15036563070 | VIDIT GUPTA | B.Sc. (H) Mathematics 3rd Y | 9.446 | I |
| 12. | 15036567091 | SHIVAM KUMAR MITTAL | B.Sc. (H) Physics 3rd Y | 9.216 | I |
| 13. | 15036568002 | ABHISHEK RAWAT | B.Sc. (H) Statistics 3rd Y | 9.473 | I |
| 14. | 15036569007 | ANANNYA DHANWAL | B.Sc. (H) Zoology 3rd Y | 8.649 | I |
| 15. | 15036504022 | DIVYA SURANA | B.Com. (H) 3rd Y | 8.716 | I |
| 16. | 15036501009 | AMAN | B.A. (Prog.) 3rd Y | 8.59 | I |
| 17. | 15036503027 | DIVYA GUPTA | B. Com. (Prog.) 3rd Y | 8.758 | I |
| 18. | 15036585005 | DAMINI MEHRA | B.Sc. (Prog.) Analytical Chemistry 3rd Y | 8.182 | I |
| 19. | 15036583022 | SANDHYA | B.Sc. (Prog.) Life Science 3rd Y | 8.818 | I |
| 20. | 15036582063 | NISHA | B.Sc. (Prog.) Physical Science (with Chem.) 3rd Y | 8.924 | I |
| 21. | 15036582126 | EKANSH SAINI | B.Sc. (Prog.) Physical Science (with Comp. Sc.) 3rd Y | 8.424 | I |
| POST-GRADUATE STUDENTS | | | | | |
| 22. | 66562 | TAMMINENI RAMYA | M.Sc. Botany (Final) | 72.75 | I |
| 23. | 1614913 | BHAWNA | M.Sc. Chemistry (Final) | 77.86 | I |
| 24. | 1616623 | NEHA GUPTA | M.Sc. Mathematics (Final) | 78.31 | I |
| 25. | 655609 | SOMYA NIGAM | M.Sc. Operational Research (Final) | 82.50 | I |
| 26. | 1613623 | DIKSHA GARG | M.Sc. Physics (Final) | 67.65 | I |
| 27. | 66818 | SURABHI | M.Sc. Zoology (Final) | 72.92 | I |
| 28. | 1601104 | ANIBAL GOTH | M.A. English (Final) | 64.63 | I |
| 29. | 1603313 | POONAM KUMARI | M.A. Hindi (Final) | 65.63 | I |
| 30. | 1605920 | NEIL ALEXANDER | M.A. History (Final) | 62.06 | I |
| 31. | 1607930 | PRATEEK KASHYAP | M.A. Political Science (Final) | 62.81 | I |
| 32. | 1610205 | ARADHANA | M.A. Sanskrit (Final) | 73.50 | I |
| 33. | 70105 | IMRAN AHMED ANSARI | M.A. Urdu (Final) | 71.19 | I |

| DR. N.S. PRADHAN AWARD | | | | | |
|--|-------------|---------------------------|----------------------------------|-------|---|
| 1. | 15036511043 | UTKRISHTA SHARMA | B.A. (H) English 3rd Y | 7.851 | I |
| 2. | 15036516009 | HARSHIT RAJ SRIVASTAVA | B.A. (H) Hindi 3rd Y | 8.676 | I |
| 3. | 15036533005 | FROGH AHMAD | B.A. (H) Urdu 3rd Y | 7.838 | I |
| 4. | 1601104 | ANIBAL GOTH | M.A. English (Final) | 64.63 | I |
| 5. | 15036529009 | MANISH | B.A. (H) Sanskrit 3rd Y | 7.514 | I |
| DR. N. SUBRAHMANYAM AWARD | | | | | |
| 1. | 15036567091 | SHIVAM KUMAR MITTAL | B.Sc. (H) Physics 3rd Y | 9.216 | I |
| 2. | 51670426 | DIKSHA GARG | M.Sc. Physics (Final) | 67.65 | I |
| N.S. KHARE AWARD | | | | | |
| 1. | 15036567091 | SHIVAM KUMAR MITTAL | B.Sc. (H) Physics 3rd Y | 9.216 | I |
| DR. Y.N. BHATT AWARD | | | | | |
| 1. | 17036511028 | PRACHI KADIAN | B.A. (H) English 1st Y | 8.45 | I |
| JAI DEV AWARD | | | | | |
| 1. | 15036569007 | ANANNYA DHANWAL | B.Sc. (H) Zoology 3rd Y | 8.649 | I |
| GANGA SARAN AWARD | | | | | |
| 1. | 16036511005 | ANUKRITI BAJPAI | B.A. (H) English 2nd Y | 7.39 | I |
| SULTAN CHAND MEMORIAL AWARD | | | | | |
| 1. | 16036504063 | RADHIKA AGRAWAL | B. Com. (H) 2nd Y | 9.5 | I |
| SULTAN CHAND DROPADI DEVI MEMORIAL AWARD | | | | | |
| 1. | 17036504053 | NANCY BAJAJ | B.Com. (H) 1st Y | 9.05 | I |
| OM PRAKASH MEMORIAL AWARD | | | | | |
| 1. | 15036518032 | PRIYANKA CHATURVEDI | B.A. (H) History 3rd Y | 8.014 | I |
| 2. | 16036518018 | HASSAN KHAN | B.A. (H) History 2nd Y | 7.39 | I |
| 3. | 17036518013 | BHAVYA | B.A. (H) History 1st Y | 8.09 | I |
| PROF. B.B. SARKAR MEMORIAL AWARD | | | | | |
| 1. | 15036527027 | MEGHA SHARDA | B.A. (H) Political Science 3rd Y | 8.189 | I |
| 2. | 16036527046 | PRAGATI GAUR | B.A. (H) Political Science 2nd Y | 7.96 | I |
| 3. | 17036527055 | SHARANYA JHA | B.A. (H) Political Science 1st Y | 8.09 | I |
| DR. B.D. SYNGLE MEMORIAL AWARD | | | | | |
| 1. | 15036511043 | UTKRISHTA SHARMA | B.A. (H) English 3rd Y | 7.851 | I |
| 2. | 16036511005 | ANUKRITI BAJPAI | B.A. (H) English 2nd Y | 7.39 | I |
| 3. | 17036511028 | PRACHI KADIAN | B.A. (H) English 1st Y | 8.45 | I |
| DR. V.P. SHARMA MEMORIAL SCHOLARSHIP IN CHEMISTRY | | | | | |
| 1. | 15036557014 | AMARDEEP KUMAR | B.Sc. (H) Chemistry 3rd Y | 9.405 | I |
| 2. | 16036557036 | GAGANDEEP | B.Sc. (H) Chemistry 2nd Y | 9.32 | I |
| 3. | 17036557033 | DEEPIKA | B.Sc. (H) Chemistry 1st Y | 9.18 | I |
| DR. V.P. SHARMA MEMORIAL SCHOLARSHIP IN MATHEMATICS | | | | | |
| 1. | 15036563070 | UTPAL ANAND | B.Sc. (H) Mathematics 3rd Y | 9.446 | I |
| 2. | 16036563070 | YOGESH MISHRA | B.Sc. (H) Mathematics 2nd Y | 9.5 | I |
| 3. | 17036563043 | NIKHIL SAXENA | B.Sc. (H) Mathematics 1st Y | 9.59 | I |



Crème De La Crème
@ KMC

Kirori Mal College has produced many gems who have served our society with their talent and knowledge. Following students of the College have cleared the UPSC Exam 2019. The College feels proud to acknowledge them in the Annual Report 2019:

- Ms. Rishita Gupta, a student of B.A. English Honours (2017 batch), secured 18th rank.
- Mr. Rakesh Sharma, a student of B.A. Programme (2015 batch), secured 608th rank in General and 4th in PH category.
- Mr. Rahul Kumar Gupta secured 286th rank.



ACADEMIC
CREDENTIALS
(FACULTY MEMBERS)



DR. VIBHA SINGH CHAUHAN (PRINCIPAL)
PROFESSOR OF ENGLISH

Books Published:

- (2019). *Eight Faces of Revenge* (Edited). Brill, The Netherlands.
- (2018). *Manto Saheb: Friends and Enemies on the Great Maverick* (Translated). Speaking Tiger Publishing Pvt. Ltd., New Delhi.



DR. ALKA RAKESH (ASSOCIATE PROFESSOR)
DEPARTMENT OF ENGLISH

Paper Presentation:

- "Spectacle and Subversion: Interrogation of Dynasty in *Macbeth*" presented at the International Conference entitled, "Politics, Power and Spectacle in Shakespeare" organized by the Shakespeare Society of India and held at Kirori Mal College, University of Delhi, Delhi, on the 7th and 8th of March, 2019.

Conference Chairperson, Organization and Participation:

- Participated as the Chairperson at a lecture entitled, "History of Literary Criticism", delivered by Dr. Badri Raina, organized by GrubStreet, the English Literary Society of KMC and held at Kirori Mal College, University of Delhi, Delhi, on the 19th of September, 2019.
- Participated as the Chairperson at the Student Paper Presentations session of the seminar entitled, "Epics and Civilization" held at Kirori Mal College on the 2nd of April, 2019, during Bohemia, the annual fest of the English Literary Society of KMC.

Participation in Workshops:

- The Autumn Oceanvale Workshop held at Kirori Mal College, University of Delhi, Delhi:
 - a) Screening Committee Supervisor (August 23-August 30, 2018).
 - b) Mentor in the Workshop simulation held on September 20, 2018.
- The Spring Oceanvale Workshop held at Kirori Mal College, University of Delhi, Delhi:
 - a) Screening Committee Supervisor (January 16-January 21, 2019).
 - b) Mentor in Workshop I, held on February 18 and Workshop IV held on March 15 and 16, 2019.



DR. ANITA KAMRA VERMA (ASSOCIATE PROFESSOR)
DEPARTMENT OF ZOOLOGY

Award:

- SBMLS Life Time Achievement Award for the outstanding contribution in Nanotechnology in BIOMEDCON 2018.

Paper Published:

- Pandey, S., Mahtab, A. Kumar, V. Ahmad, F. J. Verma, A. K. & Talegaonkar, S. (2019). Design and Development of Bioinspired Calcium phosphate nanoparticles of MTX: Pharmacodynamic and Pharmacokinetic evaluation. *Drug Development and Industrial Pharmacy*, 1–38. doi:10.1080/03639045.2019.1602139.
- A Mahtab, M Rizwanullah, S Pandey, A Leekha, SA Rabbani, AK Verma, Mohd Aqil, S. Talegaonkar (2019). Quality by design driven development and optimization of teriflunomide

loaded nanoliposomes for treatment of rheumatoid arthritis: An *in vitro* and *in vivo* assessments; Journal of Drug Delivery Science and Technology.

- LM Negi, S Talegaonkar, M Jaggi, AK Verma (2019). Hyaluronatedimatinib liposomes with hybrid approach to target CD44 and P-gp over expressing MDR cancer: an in-vitro, in-vivo and mechanistic investigation. Journal of drug targeting 27 (2), 183-192.
- S Pandey, V Kumar, A Leekha, N Rai, FJ Ahmad, AK Verma, Mohd Akil & S. Talegaonkar (2019). Co-Delivery of Teriflunomide and Methotrexate from Hydroxyapatite Nanoparticles for the Treatment of Rheumatoid Arthritis: *In Vitro* Characterization Pharmacodynamic and Biochemical Investigations; Pharmaceutical research 35 (11), 2018
- I Moin, L Biswas, D Mittal, A Leekha, N Kumari, Anita K Verma (2018). Crosstalk of ER Stress, Mitochondrial Membrane Potential and ROS Determines Cell Death Mechanisms Induced by Etoposide Loaded Gelatin Nanoparticles in MCF-7 Breast Cancer Cells; Journal of Nanomedicine and Nanotechnology, 9(4).
- S Pandey, V Kumar, A Leekha, N Rai, FJ Ahmad, Anita K Verma, S. Talegaonkar (2018). Co-Delivery of Teriflunomide and Methotrexate from Hydroxyapatite Nanoparticles for the Treatment of Rheumatoid Arthritis: *In Vitro* Characterization, Pharmacodynamic and Biochemical Investigations; Pharmaceutical Research 35: (11), 201-215.
- L. M. Negi, S. Talegaonkar, M. Jaggi, Anita K Verma (2018). Hyaluronatedimatinib liposomes with hybrid approach to target CD44 and P-gp over expressing MDR cancer: an *in-vitro*, *in-vivo* and mechanistic investigation; Journal of drug targeting, 1-10
- Anita K. Verma, A. Leekha, V. Kumar, I. Moin and S. Kumar (2018). Biodistribution and In-vivo Efficacy of Doxorubicin Loaded Chitosan Nanoparticles in Ehrlich Ascites Carcinoma (EAC) Bearing Balb/c Mice; J Nanomed Nanotechnol 510, 9 (4), 1-6
- J Singh, R Singh, H Singh, Anita K Verma(2018). Investigations for mechanical properties and biocompatibility of SS-316L implant prepared as rapid investment casting for batch production Sādhanā 43 (5), 76.
- B. S. Gurjar, T M Sriharsha, A. Bhasym, S Prabhu, M Puraswani, P Khandelwal, H. Saini, S. Saini, Anita Kamra Verma, P. Chatterjee, P. Guchhait, V. Bal, A. George, Satyajit Rath, A. Sahu, A. Sharma, P. Hari, A. Sinha, A. Bagga (2018). Characterization of genetic predisposition and autoantibody profile in atypical haemolytic–uraemic syndrome; Immunology.
- Daljinder Singh, R. Singh, K.S. Boparai, I. Farina, Anita Kamra Verma (2018). *In-vitro* studies of SS 316 L biomedical implants prepared by FDM, vapor smoothing and investment casting; Composites Part B: Engineering, Volume 132, Pg 107-114.
- D. Vohora, A. Kalam, A. Leekha, S. Talegaonkar, Anita Kamra Verma (2018). Combined Raloxifene and Letrozole for Breast Cancer Patients; Archives of medical research; Vol 48, Issue 6, Pg 561-565.

Conference Chairperson, Organization and Participation:

- Invited Speaker at the 6th World congress on Nanomedical Sciences ISNSCON 2019 held at Vigyan Bhawan 7th -9th January 2019.
- Invited Speaker at the International Conference on Advances in Biological and Environmental Research for Human Welfare; (ICABERHW)-2018 held from 16-18 November 2018 at Department of Zoology, at DDU University, Gorakhpur.

Research Projects:

- Principal Investigator : "Small molecule functionalized biopolymeric nanoparticles encapsulating siRNA for targeted delivery to osteoblasts for managing bone disorders" Anita Kamra Verma, DU, Funded by DBT (June 2017-June 2020) ONGOING (~68 lac).

Supervision:

- Member of the selection committee for the prestigious Khorana Scholar program which has been partnered by Department of Biotechnology (DBT), Govt. of India, Indo-U.S. Science and Technology Forum (IUSSTF) and WINStep Forward.
- Member, Advisory Committee, Doctoral Research Committee, Courses Committee, Coordinator, DBT Star College, Convener, Curricula revision Committee for Biochemistry.
- Vikas Shukla and Karishma registered under as research scholars in 2018.

Professional Trainings/ Refresher Courses /Workshops:

- Organizer at Workshop on Advanced Spectroscopy & Dynamic Light scattering held on 9th Oct 2018 at Dept of Zoology K.M College, University of Delhi.
- Organizer at Spectroscopic Applications in Biology & Environment held on 15th November 2018 at Department of Zoology, DDU University, Gorakhpur.



MR. JEETESH RAI (ASSISTANT PROFESSOR)
DEPARTMENT OF GEOGRAPHY

Paper Published:

- (2019). Displacement versus Co-existence in Human-Wildlife Conflict Zones: An Overview. *Journal of Geography, Environment and Earth Science International*, 19(4), 1-16. <https://doi.org/10.9734/jgeesi/2019/v19i430093> (Article).
- (2019). Colonial History and Geography have been the Main Determinants of Africa's Poor Economic Growth: An Experience of Lost Decades (1980-2000). *Journal of Geography, Environment and Earth Science International*, 20(2), 1-14. <https://doi.org/10.9734/jgeesi/2019/v20i230102> (Article).
- Choudhary B.K., Tripathi Arun and Rai J. (2019). Can 'poor' cities breathe: Responses to climate change in low-income countries. *Urban Climate*. 27:403-411. Science Direct. Elsevier.
- (2019). Why are Narratives that Place the Blame for Deforestation on the Rural Poor so Pervasive and so Persistent?. *Journal of Geography, Environment and Earth Science International*, 20(1), 1-15. <https://doi.org/10.9734/jgeesi/2019/v20i130099> (Article).
- (2019). Understanding Poverty-Environment Relationship from Sustainable Development Perspectives. *Journal of Geography, Environment and Earth Science International*, 19(1), 1-19. <https://doi.org/10.9734/jgeesi/2019/v19i130077> (Article).

Paper Presentation:

- "Strengthening Policies for Climate Actions in Urban Areas " at the National Seminar on 'Climate Actions for India's Commitment to Combat Climate Changes during 21st-22nd April, 2018, at the Conference Centre, University of Delhi, Delhi. Host organization: Saheed Bhagat Singh College, Delhi University, Delhi.



DR. KAVITA GUPTA (ASSISTANT PROFESSOR)
DEPARTMENT OF MATHEMATICS

Paper Published:

- 'Fractional plus fractional capacitated transportation problem with enhanced flow', *TWMS: Journal of Applied and Engineering Mathematics*, FEYZIYE SCHOOLS FOUNDATION ISIK UNIVERSITY Faculty of Arts and Sciences Department of Mathematics, Turkey, 8(1a), 2018, pp. 243-254 (Manuscript).
- 'Solving the problem of industry by formulating it as a capacitated transportation problem',

International Journal of Procurement Management , Inderscience Publishers, Switzerland, 11(6)(2018) pp. 705-721 (Manuscript).

- 'Branch and bound algorithm for a discrete multilevel linear fractional programming problem', Operations Research and Decisions, Wrocław University of Science and Technology under the patronage of the Polish Operational and Systems Research Society (a member of IFORS).28(2), 2018, pp. 5-21 (Manuscript).
- 'Solving the problem of industry by formulating it as a fractional capacitated transportation problem with bounds on rim conditions', International Journal of Systems Assurance , engineering and Management, Springer India, 9(2)April 2018, pp. 509-516 (Manuscript).
- '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 (Manuscript).

Paper Presentation:

- 'A method to minimize the unit transportation cost of a capacitated transportation problem with Bounds on Rim Conditions', in "33rd Annual Conference of the Ramanujan Mathematical Society" organized by Department of Mathematics, University of Delhi, on 1st-3rd June 2018.



**DR. LEENA SHAKYA (ASSISTANT PROFESSOR)
DEPARTMENT OF BOTANY**

Paper Published:

- Barwa S, Pani B, Shakya L (2017). Phosphorus, a potential nutrient for alleviating water deficit stress in clusterbean (Cyamopsis tetragonoloba L. Taub) IJIRSET 6: 13655-13660 ISSN 2347-6710.
- Shakya L, Barwa S, (2017). Effect of Reduced Doses of Chemical Fertilizers with Dual Inoculation of Biofertilizers on Linseed Varieties IJIRSET 6: 14123-141219 ISSN 2347-6710.

Paper Presentation:

- 'Biodiversity-Status and significance' at Botany Dept. MDU.
- 'Clean & Green Energy: - The Chemical & Environmental aspects' (NCGE – 2017) at Dept. of Chemistry BCAS (DU).

Professional Trainings/ Refresher Courses /Workshops Participated:

- Participated in national workshop on "Medicinal Botany and Drug Discovery" 30st-31st January 2017, organized by Dept. of Botany, Ramjas College, Delhi University.
- Attended National seminar on "e-learning and MOOCs in higher Education "on Wednesday, 29th March 2017 at Guru Angad Dev-Teaching Learning Centre, SGTB Khalsa College, Delhi University.
- Participated in Faculty Development Programme 2017 on 'understanding clinical Biochemistry organized by Daulat Ram College, Delhi University.



**DR. M. K. GALHOTRA, LIBRARIAN
N. S. PRADHAN MEMORIAL LIBRARY**

Conference Chairperson, Organization and Participation:

- Chaired a session in three days International Conference of Asian Special Libraries on Libraries and Librarianship in Digital Plus Era jointly organized by SLA-Asian Chapter, Institute of Economic Growth, Ambedkar University Delhi, Society for Library Professionals, Delhi on 14th-16th February 2019.

Professional Trainings/ Refresher Courses /Workshops Participated:

- Participated in international Conference on “Digital age strategies on Information Management or Sustainable Librarianship” organized by DLA-SRFLIS on 19th-20th April 2019 at University of Delhi.
- Participated in the one-day seminar on “Role of Libraries in Socio, Culture and Economic Development; an emerging perspective” organized by ASIALA at IGNCA, Delhi on 12th April 2019.
- Participated in the one-day seminar on “Libraries reloaded Innovating Libraries in the Digital Age” organized by British Council Library, K.G. Marg New Delhi on 9th April 2019.
- Participated in the five days National workshop on “Library Automation & Digitization” organized by University of Delhi, South Campus, New Delhi on 17th-21st December 2018.
- Attended two days Training Program on “KOHA (Open Source Library Management Software)”, organized by IGNCA, New Delhi on 23rd-24th May 2018.



MS. NIDHI SHARMA (ASSISTANT PROFESSOR)
DEPARTMENT OF COMMERCE

Paper Published:

- ‘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

Chapter Contribution:

- Contributed a paper titled ‘Workplace Spirituality’ in the book titled ‘Recent Developments in Management and Marketing’, Edited by Dr. Jatinder Bir Singh (Principal, 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 Presentation:

- Paper titled ‘Examining the Relationship between Individual Spirituality and Organizational Effectiveness: An Indian Perspective’ presented at 6th National Conference on Business and Management, organized by Shaheed Bhagat Singh College (University of Delhi) on 24th and 25th February 2019.
- Paper titled ‘A Synergistic Approach to Organizational Effectiveness Research’ presented at Two days National Conference on “Emerging Issues in Global Business Research and Management Practices”, organized by Kirori Mal College, University of Delhi on 16th & 17th November 2018.
- Paper titled ‘A Theoretical Model for Workplace Spirituality’ presented at 4th National Conference on Contemporary Reforms in Management, Economy and Applied Business, organized by Sri Guru Gobind Singh College of Commerce, University of Delhi on 9th February 2018.

Conference Chairperson, Organization and Participation:

- Member Organizing Committee: One Day Workshop - ‘Reading and Writing Case Study’, organized by Department of Commerce, Kirori Mal College, University of Delhi on 27th October 2018.
- Participated in 6th Annual International Commerce Conference on ‘Digital Outreach and Future of Marketing Practices’ organized by Department of Commerce, Delhi School of Economics on 11th & 12th January 2018.

Professional Trainings/ Refresher Courses /Workshops Participated:

- Participated in UGC sponsored Short Term Course on Research Methodology from 18th-24th December 2018 organized by Human Resource Development Centre, Centre for Professional Development in Higher Education, University of Delhi, Delhi.
- Completed 3 weeks UGC sponsored Refresher Course in Business Management, Economics & Commerce from 19th September 2018 to 11th October 2018 (with 'A' grade), organized by Human Resource Development Centre, Centre for Professional Development in Higher Education, University of Delhi, Delhi.
- Participated in One day Workshop - 'Reading and Writing Case Study' organized by Department of Commerce, Kirori Mal College, University of Delhi on 27th October 2018.
- Participated in One Day Workshop on 'How, What and Where to Publish Research Articles?' organized by Centre for Professional Development in Higher Education (UGC – Human Resource Development Centre), University of Delhi on 5th June 2018.



DR. PRAGYA (ASSOCIATE PROFESSOR)
DEPARTMENT OF HINDI

Award :

Conferred with 'Mahendra Swarn Sahitya Samman Pratham Puraskaar' presented by the novelist Shivmurti for the collection of stories 'Takseem' by Professor Mahendra Pratap Smriti Foundation at Lucknow on 20th January 2019.

Books Published :

- Second collection of stories 'Mannat Tailors' was published by Sahitya Bhandar Allahabad.
- Fourth book on theatre 'Natak Paath Aur Manchan' was published by Sahitya Bhandar Allahabad in 2018.

Chapter in Books :

- 'Kaljaji Hindi Natak, Editor Mamta, Swaraj Prakshan, Delhi 2018.
- Asambhav Ke Viruddh: Kathakar Swayam Prakash, Editor - Kanak Jain, Aman Prakashan Kanpur, 2018.
- Sahitya Ka Stree Swar, Editors - Dr. Neelam and Dr. Namdev, Akshar Publishers, Delhi, 2018.

Paper Published :

- Baal Rangmanch: Sambhavnayen Aur Chunotiyan-Natrang, March 2018, ISSN 0971-0825.
- Saal 2017 Ke Aayina Mein Hindi Kavita - Yudhrat Aam Admi, ISSN 2320-0359, April-Jun-2018.
- Pururuva Urvashi ki katha nahi banegi Hasti Kimvadanti: Yamgatha-Sahitya Vikalpa, June 2018, ISSN 2394-3335
- Giddh Asptala Aur Kanchedi: Narak Yatra Lamhi, October-December 2018, ISSN 2278- 554 X Lamhi.
- Samaj Ka Offbeat Rachtha Cinema, Parikatha, July- August 2018, ISSN 2320- 1274.
- Hindi Natak Mein Vyangya, Vyangy Yatra, October-December, 2018 ISSN, 2348-4209.
- 'Samajik Nayay Ke Swal Ko Uthati Kahaniyan', Aksar October-December 2018, ISSN 2278-2338.

Invited Lectures/Resource Person:

- Invited by National Book Trust to deliver a lecture on 'Stree aur Sahitya' at Gwalior Book Fair on 13th May 2018.
- Invited by Bhartiya Gyanpeeth to their monthly lecture series 'VAAK' to deliver a lecture on the contribution of famous playwright Jagdish Chandra Mathur to the field of theatre at India Habitat on 12th July 2018.

- Aditi Mahavidyalaya's invitation to deliver a lecture on 'Srijan Sarokaar Aur Bazar' on 5th October 2018.
- Delivered a lecture on 'Stree Lekhan: Swapan Aur Sangharsh' in a seminar at Sahitya Academy, organized by National Daily Dainik Jagaran on 15th September 2018.
- Invited as resource person to deliver a lecture on 'Yuva Srijan: Sankat Aur Sankalp' at the National Seminar, organized by Des Haryana, Kurukshetra University on 9th February 2019.
- Invited as resource person to deliver a lecture on 'LOK Natya – Maach Aur Swaang' at the National Seminar, organized by Vivekanand College, University of Delhi on 18th February 2019.
- Invited as resource person to deliver a lecture on 'Samkaleen Stree Kahani Aur Yatharth' at national level Hindi Seminar, organized by G.V.M. Girls College, Sonipat, M.D. University, Rohtak, Haryana on 5th March 2019.
- Invited as resource person to deliver a lecture on 'Kabir Ka Punarpaath' at U.G.C. Sponsored National Seminar, organized by Department of Hindi, Kochin University of Science and Technology on 8th March 2019.
- Invited as a resource person to many workshops organized by Tech Mahindra foundation for MCD school teachers.



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

All India Radio, Akashvani, New Delhi.

- Recording on *Santan Mein Raidas* telecasted on 28th May 2018.
- Recording for *Yadon Ke Jharoho Se* in conversation with the renowned author Sharankumar Limbale on 27th November 2018.

Professional Training/Refresher Courses/Worships Participated:

- Participated in a workshop on *Research Methodology* at Jamia Millia Islamia, New Delhi from 04th to 09th February 2019.
- Participated in a workshop on *MOOCS* at Jamia Millia Islamia, New Delhi from 25th February to 02nd March 2019.

Invited Lectures/Resource Person/Judge/Guest:

- Invited as Judge in the Three Day Annual Socio-cultural Festival, Kashiyaatra 2019, at Indian Institute of Technology (BHU) Varanasi on 18th, 19th, & 20th January 2019.

Books Published:

- (2019). *Aakhar Sovat Naahin*. New Delhi. Diamond Books.
- (2019). *Maanush Jaagat Naahin*. New Delhi. Diamond Books.

Chapter Published in a Book:

- (2019). Rajneesh Darshan Mein Naari in *Stree Swar: Ateet Aur Vartamaan* (pp. 330-340). Akshar Publishers and Distributors: New Delhi.

Papers presented in Seminar/Conference:

- Presented a paper in the Two Day National seminar on 'Nationalistic Discourse on Inclusion,' organized by the Centre for Gandhi and Piece Studies, School of Social Sciences, Indira Gandhi National Open University on the topic *The Theory of Inclusion in the Concept of 'Unity in Diversity'* on 04th & 05th August 2018.
- Presented a paper in an International seminar on 'Indian Vernacular Literature: Premakhyan' at ARSD College, Delhi University on the topic '*Sufivad Mein Premakhyan: Swaroop and Pravrittiyan*' on 29th & 30th January, 2019.

Journal:

- Editor-in-Chief of *Ad Litteram: An English Journal of International Literati*, 3rd Issue, December 2018, ISSN: 2456 6624 on 'Telling the Tale across Mediums: The Teleology of Multiple Lives of a Work'.

Magazine:

Chief Editor of *New Outlook: नई दृष्टि 2019*, the 65th edition of the Annual Magazine of Kirori Mal College.



DR. REENA SAXENA (ASSOCIATE PROFESSOR)
DEPARTMENT OF CHEMISTRY

October 2018:

- Awarded Fellow Royal Society of Chemistry (FRSC), London, UK, October 2018.

Paper Published:

- "A Review on Nanomaterials as Solid Phase Extractants for Determination of Lead in Environmental Samples" Reena Saxena, Kajal Madaan, Saloni Bansal, Megha Saxena, Niharika Sharma, *IOSR Journal of Applied Chemistry*, e-ISSN: 2278-5736, 2018, 11(9), 27-38.
- "Chromium Speciation in Contaminated Water Samples Using PTFE Beads Packed Minicolumn and FI-FAAS Determination" Shelja Tiwari, Niharika Sharma, and Reena Saxena, *Atomic Spectroscopy*, ISSN: 01955373, 2018, 39(4), 151-157.

Paper Presentation:

- ISNSCON-2019: 6th World Congress on Nanomedical Sciences, Jan 2019, Vigyan Bhawan, New Delhi.

Conference Chairperson, Organization and Participation:

- Electrochem - 2018, RSC, 16-18 September 2018, Lancaster University, UK.
- Computational spectroscopy: bridging theory and experiment, Lake Como School of Advanced Studies, Villa del Grumello, Como, Italy, September 2018.
- National Conference on "Technological Empowerment of Women" commemorating the International Women's Day at Vigyan Bhawan, New Delhi, 8th & 9th March 2018.
- ACS On Campus, American Chemical Society, University of Delhi, 5th February 2018.

Invited Lectures/Resource Person:

National Conference on Innovations in Sciences and Emerging Challenges in Health and Environment, Dept. of Chemistry, Daulat Ram College, March 20, 2018. Poster Judge.

Supervision:

- Ph.D. Supervisor- Two students.
- Member Advisory Committee, Ph.D. of three students, Department of Chemistry, University of Delhi.

Professional Trainings/ Refresher Courses /Workshops Participated:

- Hand-on Experience in Advanced Spectroscopy, Department of Zoology, Kirori Mal college, University of Delhi, October 2018.



DR. RENU KATHPALIA (ASSOCIATE PROFESSOR)
DEPARTMENT OF BOTANY

Paper Published:

- Kathpalia, R. and Bhatla, S.C. (2018). Plant Water Relations, In: Bhatla, S.C. and Lal, M.A. (2018). (Eds) Plant Physiology, Development and Metabolism, Springer, pp.3-36.
- Kathpalia, R. and Bhatla, S.C. (2018). Plant Mineral Nutrition, In: Bhatla, S.C. and Lal, M.A. (2018) (Eds) Plant Physiology, Development and Metabolism, Springer, pp.3-36.
- Kathpalia, R. and Bhatla, S.C. (2018). In: Bhatla, S.C. and Lal, M.A. (2018) (Eds) Plant Physiology, Development and Metabolism, Springer, pp.37-81.
- Kathpalia, R. and Bhatla, S.C. (2018). Seed Dormancy and Germination In: Bhatla, S.C. and Lal, M.A. (2018) (Eds) Plant Physiology, Development and Metabolism, Springer, pp.885-906.
- Lal, M.A., Kathpalia, R., Sisodia, R. and Shakya, R. (2018). Biotic Stress In: Bhatla, S.C. and Lal, M.A., (2018) (Eds) Plant Physiology, Development and Metabolism, Springer, pp.1029-1095.

Professional Trainings/ Refresher Courses /Workshops Participated:

- Participated in three day Science Conclave: Research on the Frontiers under D S Kothari Center for Research and innovation in Science Education, Miranda House, University of Delhi on 10th-12th January 2018.
- Participated in one day Conclave on: "Biodiversity for Everyone's Life" Research Miranda House, University of Delhi and Institute of Bioresources and Sustainable Development (IBSD), Manipur on 31st August 2018.
- Participated in one day workshop and Hands-on "Advanced Spectroscopy" and Dynamic light Scattering" under Department of Zoology, Kirori Mal College, University of Delhi, on 9th October 2018.
- Participated in a One Day National symposium on "Microbes and Nanotechnology for sustainable environment" under Department of Botany, Kirori Mal College, University of Delhi, on 7th-February 2019.



DR. SEEMA MEHRA PARIHAR (ASSOCIATE PROFESSOR)
DEPARTMENT OF GEOGRAPHY

Award:

- Awarded an 'ANNUAL AWARD 2018' on 15th March 2019 during IIRS Academia Meet, 2019 (IAM-2019) at Indian Institute of Remote Sensing (IIRS), Indian Space Research Organisation (ISRO), India (March 14-15 2019).

Affiliation / Office Bearer:

- Vice President, Association for Geographical Studies (AGS), Delhi.
- Invited Member - GIS Academia Council of India, (GIS Industry).
- Invited Scientific Committee Member at 'The 2nd International Conference on Future of Women 2019' (Future of Women 2019) held in Colombo, Sri Lanka from 14th –15th February 2019.
- Organising Committee Member of 03 International Conferences and 05 National level workshops/conferences/programmes.

Research Projects:

- Projects Completed and Final Reports Submitted (with Utilization Certificates):
- i. 09th October 2018: Major Research Project Completed and Submitted as Principal Investigator, "Gender Atlas of India : Geospatial Perspective" (F.No. 11-16/2013-NMEW/39 ; e-file No. NMEW/138/2015 -11782) from Ministry of Women and Child Development, Government of India.
- ii. 03 August,2018:Indo-Nepal Project- Completed and Submitted as Project Director & Principal Investigator, "Youth Indo-Nepal Disaster Prevention and Preparedness Programme 2018 (YINPPP-2018) , Embassy of Nepal, Nepal.
- Project (Ongoing): Principal Investigator of a Major Project "Mapping Geospatial Dimensions of Hydro Politics in Jammu & Kashmir", (Principal Investigator) sanctioned by Indian Council of Social Science Research (ICSSR), new Delhi, India.

Paper Published:

- 'Open Source GIS: An Enabler for Ready Accessibility', in the Published Document of Associated Chambers of Commerce and Industry of India during The ASSOCHAM's Conference on Geospatial Technologies –Fostering Growth Geospatially, pp. 11th-18th June 2018, Hyderabad (Article).

Paper Presentation/ Invited Speakers:

- (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, coordinated by IGSNRR, Chinese Academy of Sciences, China; Institute of Economic Growth, Delhi University, India; ICIMOD; Tribhuvan University, Nepal and Nepal Geographical Society, Nepal held at Institute of Economic Growth, University of Delhi, on 18th-19th March 2019.
- (2019). 'Coordinators Insight On IIRS Outreach Programme (2007-2018): Faculties Perception from a University Set-up' presented on 15th March 2019 during IIRS Academia Meet, 2019 (IAM-2019) at Indian Institute of Remote Sensing (IIRS), Indian Space Research Organisation (ISRO), India. (14th-15th March 2019).
- (2019). 'Social Space for Empowerment', presented in Geo Smart India 2019 Conference on 13th February 2019 and Invited Session: Societal Spatial Empowerment at Hotel Pullman, Aero city, New Delhi.
- (2019). 'Mapping The Sustainable Livelihood Practices of the Tribes of Northeast India: A Case Study Of The Rongmei Tribe', presented at National Seminar on Geographies of Tribal Communities and Emerging Cultural Issues, held at Kirori Mal College, University of Delhi on 4th-5th January 2019.
- (2018). 'Gender Atlas of India: Some Insights' Invited Presentation at Department of Science and Technology (DST), Technology Bhawan, New Delhi on 14th December, 2018.
- (2018). 'Resurgence of Quest for Gender Parity: Some Insights & Reality Checks' in Geo-Fest on the theme "The Role of Women in Social Transformation" organized by the Department of Geography on 9th October 2018, Kalindi College, University of Delhi.

Invited Lectures/Resource Person:

- (2019). 'Gender Diversity or Simply a Quest for Gender Parity :Some Insights & Reality Checks in 2019', invited as a Resource Person in a Refresher Course in Gender Studies (All Disciplines) organized by CPDHE, UGC Human Resource Development Centre, Delhi University, 27th January 2019.
- (2019). 'Role of Geospatial Technologies in Shaping Indian Economy Growth' invited in a Seminar on "GIS for Progressive Economy" organised by GIS Academia Council of India held at IIT Delhi on 8th January 2019.

- (2019).Invited as Resource Person to conduct a Workshop on Aerial Photographs Remote Sensing, GPS and GIS for PGT teachers teaching class XI & class XII at KR Manglam World School, Gurugram on 16th March 2019.

Supervision:

- M.Sc. Thesis entitled 'Watershed Integrity and Vulnerability for Climate Change Adaptability of Bhagirathi River Basin' by Jitendra Tiwari during his course work on M.Sc. RS/GIS at Department of RS/GIS,SSJ campus, Kumaun University Almora, Uttarakhand (Thesis submitted and awarded).
- M.Phil. Student Mathiudinliu Panmei, registered at the Department of Geography, University of Delhi, Delhi.
- Ph.D. Student Peerzada Raouf registered at the Department of Geography, University of Delhi, Delhi.

Conference Chairperson, Organization and Participation:

- Participated as the Chairperson in five separate sessions in two international and three national conferences, India.
- Coordinated three workshops (i) Satellite Data & morphometric analysis (ii) Field Work in Jammu and Kashmir (iii) Gendered Spaces & spatial data.
- Coordinated training Programmes, outreach courses and participated in Users Meet -IIRS, ISRO, Department of Space and ESRI with themes largely including geospatial technologies and spatial Dimensions of Gender.
- Participated in fieldworks in Kashmir, Jammu, Ladakh, Khatalgad Watershed (Pauri Garhwal), Bhilangana Basin (Tehri Garhwal) and Goa.



DR. SEEMA JOSHI (ASSOCIATE PROFESSOR)
DEPARTMENT OF COMMERCE

Award:

- "Shreshth" award i.e. Distinguished Teachers Award 2018: On Teacher's Day at India Habitat Centre in recognition and appreciation of commitment and dedication to outstanding teaching excellence, Association of National Exchanges Members of India (ANMI): the only Indian Capital Market Forum recognized all over the world has conferred on her the most coveted "Shreshth" award i.e. Distinguished Teachers Award 2018 for development of innovative learning approaches, and role-playing activities that motivate others.

Paper Published:

- (2019). "Interim Budget: a Prudent Budget with a clear cut India Vision 2030, PHD Chamber Bulletin, March 2019 (forthcoming).
- (2018). "Rejuvenating Japanese Economy through Closing Gender Employment Gap", Productivity, July-September, National Productivity Council, New Delhi.
- (2018). "Determinants of Tertiary Sector Employment in India" in Arup Mitra (eds.) Economic Growth in India and its Many Dimensions (A book in the honour of Prof B.B. Bhattacharya), Orient Blackswan Pvt. Ltd., New Delhi .
- (2018). "Why GST is a Brilliant Structural Reform?", PHD Chamber Bulletin, January.
- (2018). "Make in India: The Lion Continuously on Move", PHD Chamber Bulletin, November 2018.

Conference Chairperson and Participation:

- Chaired a Technical Session in a National Seminar on the topic entitled "Trade Liberalization and Development Issues in India" on 27th-28th March 2019 under UGC-SAP (DRS-III) at School of Economics, Devi Ahilya University, Indore.

Invited Expert Lectures/Key Note address:

- Invited Speaker in National Seminar on “Transformation of Indian Rural Economy” held on 9th February 2019 under UGC DRS SAP III at MBA Department, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat on the topic “Making Farming Remunerative : A Prerequisite for Transformation of Rural Economy in India”.
- Delivered a Key note address in a National Seminar on the topic entitled “Trade Liberalization And Development Issues In India” on 27-28 March 2019 under UGC-SAP (DRS-III) at School of Economics, Devi Ahilya University, Indore.
- Invited as the Distinguished Speaker for the Roundtable Discussion on Make in India held at The Four Years Journey and Milestone held on 24th September 2018 at PHD House, New Delhi.
- Invited to deliver an expert lecture under the auspices of I.A. Patel (Shartha) Memorial at the Department of Business Management, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat on the topic “From Female Participation in workforce to Female-Led Development: A Paradigm Shift” on 24th August 2018.

Invited as a Discussant:

- Invited as a Discussant in a Two Day Workshop on Reflections on India's Development: Employment, Education, Empowerment and Health organized by National Institute of Labour Economics Research and Development (NILERD) an autonomous institute under NITI Aayog in collaboration with International Labour Organization in March 2018 at IHC, New Delhi.

Workshops Participated:

- Participated in a Two Day Seminar on the topic “China's economy and Its Implications”, organized by Centre for Contemporary China Studies, Ministry of External Affairs, India 26th-27th February 2019 at Pravasi Bharatiya Kendra, New Delhi, India.
- Invited to participate in One-Day Workshop on the topic of “Artificial Intelligence for Governance” on 13th February 2019 (Wednesday) at Sangam Hall of NPC(Under Ministry of Commerce & Industry, Govt. of India) New Delhi as part of observance of National Productivity Week from 12th to 18th February 2019.
- Invited to participate in a Workshop on “Circular Economy, a Force Multiplier for Productivity and Sustainability” on 14th February 2019 (10.00 am to 03.40 pm) at National Productivity Council, Lodi Road, New Delhi -110003.
- Invited to participate in a programme on the Theme: Industry 4.0- Leapfrog Opportunity for India held to celebrate 60th National Productivity week of the National Productivity Council on 16th February 2018.
- Invited to participate in an Open House Discussion on Increasing Trade Protectionism: Way Forward for India on Saturday dated 15th September 2018 at PHD Chamber, New Delhi.
- Invited to participate in an Open House Discussion on India – China Trade and Investment Relations on 27th February 2018 at PHD Chamber, New Delhi.
- Invited to participate in the Economic Conclave 2018 on Rural India: Road to US\$ 5 trillion economy by 2025 on 19th September 2018 at PHD House, New Delhi.

Curriculum Development Workshop:

- Appointed as Area Co-coordinator of the working group for the Economics area to facilitate revision of Business Economics and Macro economics courses for B.Com. (Honours) and B.Com. students, Department of Commerce, Delhi School of Economics, DU, Delhi.



DR. UPASANA ISSAR (ASSISTANT PROFESSOR)
DEPARTMENT OF CHEMISTRY

Paper Published:

- Combined pharmacophore-guided 3D-QSAR, molecular docking, and virtual screening on bis-benzimidazoles and ter-benzimidazoles as DNA-topoisomerase I poisons (2019), Upasana Issar, Richa Arora, Tripti Kumari, Rita Kakkar, *Structural Chemistry*, 1-17.
- Identification of novel urease inhibitors: pharmacophore modeling, virtual screening and molecular docking studies (2018) Richa Arora, Upasana Issar, Rita Kakkar, *Journal of Biomolecular Structure and Dynamics*, 1-15.
- Theoretical investigation of organotin (IV) complexes of substituted benzohydroxamic acids (2018) Richa Arora, Upasana Issar, Rita Kakkar, *Computational and Theoretical Chemistry*, 1138, 57-65.
- In Silico study of the active site of Helicobacter pylori urease and its inhibition by hydroxamic acids (2018) Richa Arora, Upasana Issar, Rita Kakkar *Journal of Molecular Graphics and Modelling*, 83, 64-73.

Paper Presentation:

- Gave oral presentation on the paper entitled "Pharmacophore Modelling, 3D-QSAR, Molecular Docking and Pharmacokinetic Studies on Bis-Benzimidazoles and Ter-Benzimidazoles as Topoisomerase I Poisons and Anti-Tumour Agents" in the *International Conference on Pure and Applied Chemistry (ICPAC-2018)* held in Mauritius from 2nd-6th July 2018, organized by the University of Mauritius.
- Presented the poster on the paper entitled "In Silico Study of the Active Site of Helicobacter pylori Urease and its Inhibition by Hydroxamic Acids" in the *International Conference on Pure and Applied Chemistry (ICPAC-2018)* held in Mauritius from 2-6 July 2018, organized by the University of Mauritius.

Conference Chairperson, Organization and Participation:

- Participated and presented research work in National Conference on "Emerging Trends and Advances in Chemical Sciences" organized by St. Stephen's College, University of Delhi from 25th-26th September 2018.

Invited Lectures/Resource Person:

- Contributed a lesson plan on the topic "Phase Diagrams and Phase Equilibria" published on TROP ICSU (Trans-disciplinary Research Oriented Pedagogy for Improving Climate Studies and Understanding) website in January 2019. TROP ICSU Project, a global climate change education project is supported by the International Science Council (ISC).

Professional Trainings/ Refresher Courses /Workshops Participated:

- Participated in the Faculty Development Program cum Workshop of the TROP ICSU project on 13th and 14th October 2018 at Sri Venkateswara College (University of Delhi) on the topic "Climate Across the Curriculum: Resources for Integrating Climate Topics in Discipline-Specific Teaching".



DR. VINOD KUMAR (ASSISTANT PROFESSOR)
DEPARTMENT OF CHEMISTRY

Paper Published:

- "Nanotechnology: Nanomedicine, Nanotoxicity and Future Challenges" Vinod Kumar, A. K. Chaudhary, P. Kumar, S. Sharma, *Nanoscience and Nanotechnology-Asia*, 2019, 26, 1-15.

- "Facile synthesis of Ce doped SnO₂ nanoparticles: A promising photocatalyst for hydrogen evolution and dyes degradation" Vinod Kumar, Bhawna, S. K. Yadav, A. Gupta, B. Dwivedi, A. Kumar, P. Singh and K. Deori, Chemistry Select, DOI: 10.1002/slct.201900032, 2019.

Paper Presentation:

- "Impact of Nanotechnology in the development of Smart Cities" Vinod Kumar, A. Gupta, S. Ahmad in the International Conference, Smart Cities, 14th-16th March 2019 at Jamia Millia Islamia, New Delhi.
- "Photocatalytic H₂ generation using Ce doped SnO₂ nanoparticles" Vinod Kumar, Bhawna, S. K. Yadav, A. Gupta, B. Dwivedi, K. Deori, DAE-BRNS 7th Interdisciplinary Symposium on Materials Chemistry, December 04-08, 2018 at BARC Mumbai.
- "Exploration of V doped SnO₂ nanocrystals for thermochemical H₂ generation" Vinod Kumar, D. Gupta, S. K. Sharma, Oral presentation at International conference MRS Fall Meeting & Exhibit 2018, Boston, Massachusetts, USA, 25th-30th November 2018.
- "Photocatalytic activity of Ce doped SnO₂ nanoparticles for the degradation of organic toxic pollutants" A. Gupta, S. K. Yadav, Prateek Saini, Ayesha Seth, Vinod Kumar, International conference MRS Fall Meeting & Exhibit 2018, Boston, Massachusetts, USA, 25th-30th November 2018.

Invited Lectures/Resource Person:

- Investigation of V Doped SnO₂ Nanocrystals for Energy Conversion and Environmental Remediation, Vinod Kumar,* Bhawna, S. K. Sharma, National Seminar on Biophysics (Biophysika -2018) on 20th November 2018 at Jamia Millia Islamia, Delhi.

Supervision:

- Sanjeev Kumar and Bhawna, Department of Chemistry, University of Delhi, Delhi.

Professional Trainings/ Refresher Courses /Workshops Participated:

- FDP cum Workshop on "Climate Across The Curriculum: Resources For Integrating Climate Topics in Discipline-Specific Teaching" Sri Venkateswara College, New Delhi from 13th-14th October 2018.
- Regional workshop on Research-Based Pedagogical Tools held at Kumaun University, Nainital from 31st July-2nd August 2018.



DR. YAMAL GUPTA (ASSISTANT PROFESSOR)
DEPARTMENT OF BOTANY

Paper Published:

- K.S. Rao, Yamal G, and O. Zenita Devi (2018) Ficus glomerata Roxb: A Review on its Anti-Diabetic Potential (PP 111-134) In JN Govil, Surendra Kumar (Ed.) Recent Progress in Medicinal Plants Volumes 45 & 46 on Metabolic Disorders: Diabetes I & II. Studium Press LLC.

