



print, the Department organised a media industry tour for its students to Doordarshan Kendra, Jaipur and Dainik Bhaskar Newspaper, Jaipur. Students were introduced to the concepts of live recording, television studio set up, editing – both audio-visual and print, responsibilities of editors and reporters. Dr Nicholas Lakra, Dr. Pranta Pratik Patnaik and a Research Scholar Raheem Khan guided the students

### **Indian Newspaper Day (29<sup>th</sup> January, 2020)**

Students of the Department (M.A., PG Diploma & Ph.D) organised a series of events to celebrate the Indian Newspaper Day. It included an exhibition of earlier editions of Indian newspapers and presentation of news stories from different newspapers on socially relevant and contemporary issues.

### **Workshop on Video Production (1 10<sup>th</sup> November, 2019)**

Mr. Rochak Sahu, Independent Filmmaker, Mumbai conducted a ten days workshop on Video Production and Production of Fiction Film.

### **Lecture-cum-Workshop on Video Production (26<sup>th</sup> – 30<sup>th</sup> August, 2019)**

Mr. Ramesh Chandra, IIMC, New Delhi conducted a five days lecture-cum-workshop on basics of video production for M.A. (1<sup>st</sup> Sem) & PG Diploma students.

### **World Photography Day (19<sup>th</sup> August, 2019)**

The Department celebrates every year the World Photography Day by organising photography competition for students of the University as well as other universities through online. The theme for 2019 photography competition was – 'Still Life'. Students organised caption writing competition and an event of photo story.

### **Special Lecture by Prof. Mrinal Chatterjee (29<sup>th</sup> July, 2019)**

Prof. Mrinal Chatterjee, IIMC (Dhenkanal, Odisha) gave a special lecture on the topic – “Future of Mass Media in India”.

### **Students' achievement**

The *TOWARDS A FRAGMENTED ANATOMY* (15 min) made by Mr Sachin Yaduvanshi, a student of the Department, has been selected for the 20th International Film Schools Festival Uruguay to be held online from 20-22 August, 2019.



*DST National Workshop organized  
(March 13-15, 2020)*



*Students participating in Indian Newspaper  
Day (29<sup>th</sup> January, 2020)*



## Department of Economics

### [Coordinator: Dr. Hemlata Manglani]

The department focuses on theoretical and quantitative analysis in its curriculum. The main objective of the master programme is to equip the students with theories and tools of economic analysis in major areas of its application and focus on the emerging area of Environmental Economics. The department aims to enable the students to understand the principles, theories and applications of microeconomics, macroeconomics, public economics, development economics, international economics and monetary economics and to develop multidisciplinary skills among the students to tackle the complex environmental and economic issues.

### Programs offered

- Ph. D. in Economics
- M. A. Economics
- Integrated M. Sc. Economics
- Integrated M. Sc. B.E d. Economics

Name	Designation	Area of Specialization
Prof. Shyam Sundar Agarwal	Professor (Contractual)	Macroeconomics, Development Economics, Public Economics, Political Economy, Infrastructure Development, and Economic & Structural Reforms
Dr. Hemlata Manglani	Department Coordinator and Assistant Professor	Micro Economics, International Trade, Growth
Dr. Pragati Jain	Assistant Professor	Environmental Economics, Development Studies
Dr. Pramod Kumar Naik	Assistant Professor	Financial Economics, Econometrics
Dr. Satyanarayan Murthy	Assistant Professor	Macro Economics and Finance, Monetary economics
Dr. Mohd. Hussain Kunroo	Assistant Professor	Macro Economics, Financial Economics, Econometrics
Dr. Motiniva Nayak	Assistant Professor (Contractual)	Development Economics; Elements of Macroeconomics: Theory and Policy; Statistics; Econometrics; Applied Econometrics and Development, Industrialization and Development; Political Economy of Industrial policy; Economic Growth Theories; Applied Economics

### Awards/Achievements

The following students have been qualified UGC NET/JRF

1. Akanksha Saharan (M.A. Economics, Sem IV)
2. Amresh Kumar (Integrated M.Sc. Economics, Semester X)





3. Utkarsh Berwal (Integrated M.Sc. Economics, Semester X)
4. Princy Tak (Integrated M.Sc. Economics, Semester X)

## Extracurricular activities

### A) Sports

Jai Tahilyani, participated (Integrated M.Sc. B.Ed. Economics, Semester IV) in Inter University WZ Cricked in December 2019.

### B) Cultural Event(s)

Ms. Princy Tak (Integrated M.Sc. Economics, Semester X) Participated in 35<sup>th</sup> West Youth Festival in December 2019.



*Mr. Jai Tahilyani, Participation in Inter University Sports 2019 at Jiwaji University Gwalior*



*Ms Princy Tak, Participation in 35<sup>th</sup> Inter University West Zone Youth Festival 2019*

## Department of Public Policy, Law and Governance

### [Head: Prof. S. N. Ambedkar]

It runs very innovative Master's and Ph. D. Programs which introduce students to the study of policy-making and implementation processes, the power of policy analysis and making judgments along with understanding of legal principles and operation of law in a composite society. The PPLG Programs is very innovative in the sense that it helps the students to seek practical knowledge, hence job-oriented in the fields of Government, non-governmental and private sectors, particularly at executive level.

### Programs Offered

- Ph. D. in Public Policy, Law and Governance
- M. A. Public Policy, Law and Governance



## Faculty

Name	Designation	Area of Specialization
Prof. S. N. Ambedkar	Professor	Local Governance, Rural Development, Indian Government and Administration
Dr. S. Kandasamy	Associate Professor	Cyber Law, Intellectual Property Law, International Law and Human Rights Law.
Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Governance, Budgeting and Budgetary Processes in South Asia
Dr. C. Jeevan Kumar	Assistant Professor	Public Policy, Public Sector Management, Governance and Leadership, E-governance
Dr. Almin Jose Cicily	Assistant Professor (on leave)	Governance, Local Governance, Public Policy Analysis.
Dr. Anjan Kumar Sahu	Assistant Professor	Human and Environmental Security, International Relations

## Academic Activities

### Expert/Guest lecture/seminar/Visit

Name	Event	Date
Mrs. Meenakshi Hooja Formerly Additional Chief Secretary, Govt of Rajasthan and Member, Central Administrative Tribunal Jodhpur & Jaipur Bench.	<i>Role of Higher Civil Service in Policy Making</i>	24/09/2019
Shri. Shyam Sundar Agarwal, IAS (Retd)	<i>Changes in Education Policy in Rajasthan</i>	17/02/2020

## Extra-Mural Funding received

Various extramural funded-projects of INR 41.00 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. ICSSR, ICSSR-IMPRESS and UGC-MRP.

## Awards/Achievements

- Dr. Anjan Kumar Sahu- International Travel Grant by the Hamburg University, Germany, to present a paper on climate change on 15th November, 2019, in the workshop entitled: 'Scenarios and the Politics of the Future', held in Hamburg, Germany, from 14-15th November, 2019.
- Urvasi Pareek –UGC- JRF Qualified



Prof. SN Ambedkar presenting his book to Guest Speaker Dr. Meenakshi Hooja, IAS (Rtd)  
Title: Public Policy and Governance in India: Essays in Honour of Professor P.C. Mathur



Guest Lecture by Shri. Shyam Sundar Agarwal, IAS (Retd) on Changes in Education Policy in Rajasthan

## Department of Social Work

### [Head: Dr. Subhasis Bhadra]

The Department of Social Work is actively involved in academic pursuit and field based practices, since its establishment (2012). It strives to work towards participative, inclusive and sustainable development. Dept. believes in promoting human potentials, skill development, equal opportunity, justice, respect for diversity and anti-discriminatory environment within the society.

The department endeavours to make: *Globally competent, socially significant and locally relevant trained personnel*. The function of Department covers four areas first, teaching which includes imparting academic degrees with the motto of providing education for sustainable development. The second is Practice which includes integrating the theory into practice by programmatic intervention and field laboratories. The third is research which includes students' dissertation based on empirical work and evidence. The fourth area is extension covering field action projects.

### Programs Offered

- Ph. D. in Social Work
- M. A. Social Work (MSW)

### Faculty

Name	Designation	Area of Specialization
Prof. Jagdish Jhadav	Professor	Natural Resource Management, Social Skill Training, Community Development, Social Advocacy
Dr. Subhasis Bhadra	Associate Professor	Mental Health and Psychosocial Support, Life Skills Education, Disaster Management
Dr. D.P. Negi	Assistant Professor	Development Studies, Tribal studies & Community Development, Community Health



Dr. Atiq Ahmed	Assistant Professor	Neuro-Psycho-Oncology, Health Accessibility among Rural and Urban, Medical social work
Dr. Shaizy Ahmed	Assistant Professor	Ageing, Community Work, Higher Education, WaSH Management, and HRM
Dr. Rajeev MM	Assistant Professor	Child & Youth Development, Disaster management, Environment Issues, PRI

## Academic Activities

### Expert/Guest lecture/seminar/Visit

Name	Event	Date
<i>Professor Ankur Saxena</i> Faculty of Social Work Maharaja Shaji Rao University, Vadodara, Baroda Gujarat	Delivered lecture on <i>Upcoming Professional Challenges and Prospect in Social Work</i>	12/12/2019
<i>Mr Sajjan Kumar</i> Social Activist from Nature Human Center People Movement	Delivered lecture on <i>Human and Nature Connection- working towards Sustainable Development</i>	14/01/2020
<i>Mr. Aftab Pasha</i> Programme Office Communication and Advocacy SILF, Lodhi Road, New Delhi	Practice learning session <i>Skills Laboratory on Programme Media</i>	18/01/2020

### Conference/ Workshop/Symposium organized

- Department of Social Work organized sensitization workshop on “Leprosy Breaking Myths” by Sasakawa India Leprosy Foundation (SILF), New Delhi on 17 January 2020.
- Department of Social Work organized Practice Learning Laboratory on Programme Media for the students of Social Work on 18 January 2020.
- The “Social Work Day” based on the theme “Promoting the Importance of Human Relationships” was observed by the Department on 17 March 2020.

## Extra-curricular activities

### Student's participation in Cultural Activities

- The students of Social Work (Batch 2019-21) participated in the residential youth festival organised by SILF -New Delhi on “Youth Against Leprosy” between 26 to 29 January 2020, at Gautam Buddha University, Greater NOIDA, UP and India Islamic Cultural Center, New Delhi.
- The Students of the Department of Social Work took active role in various cultural programme organized at the university level, like, Matribhasha Diwash, Dance and Music Competition, cultural evening organised in foundation day etc. Mr. Sajit, Mr Vishnau, Mr Ajmal and Ms. Sharoon





participated in the traditional Malayalam dance-drama “vattapaatt” staged in the occasion of Matrihasha Diwash. Ms. Chaithanya received 1<sup>st</sup> prize in Face painting competition, organised by art club- *kala-kriti*. Mr Vishnu Raj received 2<sup>nd</sup> prize in duet-singing competition in the annual music event of the university, organized by *SARGAM*- music club. Ms. Jashita Bagri of 2<sup>nd</sup> year own 1<sup>st</sup> prize, and Ms Kaushalya of 2<sup>nd</sup> year own 2nd prize in group dance, organised by *Nrityada*- Dance Club.

### Student's participation in Sports

Students participated in various sport activities organized Sports Committee of the university. Mr. Pritam Singh of MSW 1<sup>st</sup> year participated in west zone tournament, 2019, and own first prize in volleyball in inter-university tournament. Mr. Narendra Singh Khangarot, Mr. Murali participated in inter-university kabaddi Tournament and own prizes. Ms. Kaushalya of 2<sup>nd</sup> year own 1<sup>st</sup> prize in three leg-race, and in kabbadi, also secured third position in marathon for girls.

### Extension activities

- The students of Departments of Social Work celebrated “Van Mahotsav” and did plantation in the schools and communities nearby villages in collaboration with Sustainable Development and Environment Research Center, (A Local NGO) in July and August 2020.
- The Department of Social Work, organised the events like drawing, essay writing, wall painting in the nearby schools in three villages, to celebrate “Swachhta Hi Sewa” programme in first two weeks of October 2019.
- Through field work students have conducted various cleanliness campaigns in the villages, schools and in ICDS centers, organised wall painting activity in the Government School, Nahoria.
- The Students organised “Jal Sakti Abhayan” a campaign and residential camp for awareness and leadership skill training for the youths of local villages sponsored by Neheru Yuva Kendra, Ajmer.

### Extra-Mural Funding received

Various extramural funded-projects of INR 28.76 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. ICSSR, DST and NHRC.



*Plantation at local school as a part of activity of Departmental activity*



*Youth Workshop on Water Conservation in Village*



## Department of Society - Technology Interface

### [Coordinator: Dr. Gyana Ranjan Panda]

Indian society and economy is completely transferred owing to the intrinsic role played by the ICTs. The country is progressing exponentially towards reaping the developmental dividends arise out of the fast process of digitalization of society. The social-cultural-political-economic-policy narratives are completely shaped and consolidated around the uses of digital tools and technologies. In this concern, the Central University of Rajasthan introduces a new interdisciplinary Academic Department, Department of Society-Technology Interface (DSTI) to cultivate research and teaching to the post-graduate and research programme to the students from diverse educational backgrounds by linking two advanced streams of knowledge- Science and Technology and Social Sciences to look for better career opportunities and stay competitive.

### Programs offered

- M. Sc. in Digital Society (02 years)
- M.A. in Cultural Informatics (02 years)

While M. Sc in Digital Society is running with the active academic collaboration with International Institute of Information Technology (IIIT), Bangalore, and MA in Cultural Informatics in collaboration with Indira Gandhi National Centre for the Arts (IGNCA), New Delhi.

### Students' Achievements

First Batch M.Sc Digital Society Students (2018-20) bags Six Month Internship with Stipends in National Institute of Rural Development and Panchyati Raj (GOI), Hyderabad (Telegana).

**Congratulations!**

The first batch of M.Sc. Digital Society (2018-20) of Central University of Rajasthan Bags Six month Internship in NIRD-PR, Hyderabad (Telangana)

 Pranav Patel (Exploration of Google Studio as Data analytics platform for Kaushalbharat)		 Shiv Kumar (Exploration of Google Studio as Data analytics platform for Kaushalbharat)
 Swati Chikara (Interactive Platform for Rural Statistics)	 Anurudh Kumar (Interactive Platform for Rural Statistics)	 Ronak Maheshwari (Study on Labour Adda)





## Faculty: Academic Endeavours

### Invited Lecture/Keynote/Session Chaired

#### Department of Architecture

##### Neeraj Gupta

“Learning Outcome Based Curriculum Framework” at Induction Programme for Teachers, HRDC, University of Rajasthan, Jaipur. (27 July 2019). Invited Lecture

“Outcome Based Education and CBCS” at TLC CURAJ. (6 August 2019). Invited Lectures

“Rethinking Teaching-Learning Process for 21st Century Learners” at Workshop on Research Informed and Research Oriented Teaching in Pharmaceutical Sciences, TLC CURAJ. (21 August 2019). Invited Lecture

“Designing Learning Events” at Workshop on Research Informed and Research Oriented Teaching in Pharmaceutical Sciences, TLC CURAJ. (22 August 2019). Invited Lecture

“Classroom Management” at Faculty Development Programme, TLC CURAJ. (11 October 2019). Invited Lecture

“Pedagogy for Adult Learners” at Faculty Development Programme, Teaching-Learning-Evaluation for Faculty Members of HEIs, TLC CURAJ. (5 November 2019). Invited Lecture

“Classroom Management and Activity Based Learning” at Training Program on Innovative Teaching Practices in Management and Commerce, TLC CURAJ. (21 January 2020). Invited Lecture

“Workshop on Teaching-Learning-Evaluation for Faculty Members of HEIs”, TLC CURAJ, Inaugural Address. (4 November 2019). Inaugural Session Chaired

“International Symposium on Photonics and Plasmonics (ISPP-2019)” at Department of Physics, Central University of Rajasthan. (23 September 2019). Inaugural Session Chaired

##### Ritu B. Rai

“Best Practices in Building Energy Management and Conservation” at Refresher course organized by Green Tree Building Energy Pvt. Ltd. for Electrical Engineers, Jaipur. (15 December 2019). Invited Lecture

“Post Graduate Studies in Architecture” at Department of Architecture, Mody University, Laxmangarh. (18 December 2019). Invited Lecture

“Key Thrust Areas of Energy Conservation Act, 2001” at Refresher Course for Professionals organized by Green Tree Building Energy Pvt. Ltd. Jaipur. (14 December 2019). Keynote Speaker

#### Department of Atmospheric Science

##### Someshwar Das

“Challenges in predicting the severe weather: An unfinished symphony” in Workshop on Atmospheric Processes and Applications of Computational Mathematics (W3APACM), jointly organized by Gautam Buddha University, Greater NOIDA and Indian Meteorological Society, NOIDA Chapter. (5 June 2020). Invited Lecture

“Cloudbursts and Rainstorms over Southern Plains of the Himalayas” in International Workshop on AsiaPEX-SA, Central University of Rajasthan, India, (1 March 2020). Invited Lecture, Session Chaired

“Simulation of Severe Storms over southern plains of the Himalayas” in 2<sup>nd</sup> International workshop on Extreme Severe Storms and Disaster Mitigation Strategy (ESSDMS2) at Central University of Rajasthan, India. (27 February 2020). Invited Lecture, Session Chaired

“Simulation of Severe Storms over southern plains of the Central and Eastern Himalayas” at



International Conference on Earth & Environmental Sciences and Technology (ICEEST), University of Dhaka, Bangladesh. (25 January 2020). Session Chaired

“Modelling & Forecasting of Severe Storms over the Southern Plains of the Himalayas” at Annual Conference of the Indian Meteor. Soc. (TROPMET-2019), Andhra University, Waltair. (11 December 2019). Invited Lecture, Session Chaired

“Modeling & Observation Initiatives along the Foot-Hills and Southern Plains of the Himalayas” at International Science Steering Group Workshop on Decadal Challenges in Asian Monsoon Processes Studies, Nagoya University, Japan. (2 September 2019). Invited Lecture

“Convective Hot-Spots Along the Foot-Hills of the Himalayas: Simulation of a Tornado in Nepal and a Severe Storm of Bangladesh” at AsiaPEX Kick-off Conference, Hokkaido University, Sapporo, Japan. (28 August 2019). Invited Lecture, Session Chaired

### **Devesh Sharma**

“Institutional Architectures: addressing the environmental dimensions of the SDGs in socioeconomic policies/importance of environmental data to inform policy Development” at Regional Knowledge-Sharing Workshop: Strengthening the Environment Dimensions of the SDGs in Asia and the Pacific, ADB Headquarters, Philippines. (28 November 2019). Invited Panelist

### **Subrat Kumar Panda**

“Influence of a Severe Dust Storm on Tropical Cyclone OCKHI a simulated by WRF Modelling System” in the session Severe Storms and Lightning at 2nd International Workshop on Extreme Severe Storms and Disaster Mitigation Strategies at Department of Atmospheric Science, School of Earth Sciences, Central University of Rajasthan. (27 February 2020). Invited Lecture

“Severe Thunderstorms/Hailstorms/Dust-storms” at 2nd International Workshop on Extreme Severe Storms and Disaster Mitigation Strategies at Department of Atmospheric Science, School of Earth Sciences, Central University of Rajasthan. (27 February 2020). Session Chaired

“Land-Atmosphere-Interaction: Meteorology, Weather Forecasting and Applications” at International Conference on Earth & Environmental Sciences and Technology for Sustainable Development at University of Dhaka, Bangladesh. (27 January 2020). Session Chaired

“Impact of Dust on Tropical Cyclone Ockhi as Simulated by WRF Model” in the session Tropical Meteorology & Meso-scale Processes at International Conference on Earth & Environmental Sciences and Technology for Sustainable Development at University of Dhaka, Bangladesh. (27 January 2020). Invited Lecture

## **Department of Biochemistry**

### **Sanjib Kumar Panda**

“Molecular biology & Functional genomics of Al tolerance in model and crop plants” in the National symposium on Avenues and Challenges in Biotechnology Education, Centre of Excellence in Science and Mathematics Education, Banasthali Vidyapith, Rajasthan-304022. (10 November 2019). Invited Lecture

“Metabolite fingerprinting of Assam Tea (*Camellia sinensis* L.(O) Kuntze) under Aluminium Stress” in the 7th UGSAS-GU International Symposium on a New Era in Food Science and Technology 2019, Gifu University, Japan. (9-10 October 2019). Invited speaker

“Overexpression of a mungbean aquaporin gene, VrTIP1;1 enhances osmotic stress tolerance in *Arabidopsis thaliana*” in National Arabidopsis Meeting, 2019, in Puri organised by NISER, Bhubaneswar. (Dec.29-31,2019). Invited Speaker



### **Chandi C. Mandal**

“Omega-3 Fatty Acid Inhibited Microcalcification by Targeting Osteoblast Potential of Breast Cancer Cells” in 13<sup>th</sup> International Symposium on “Cancer Prevention and Treatment”, JNU, New Delhi. (20-21 February 2020). (Invited Speaker)

“Targeting osteoblast-like potential in cancer cells” in 8<sup>th</sup> International Translational Cancer Research Conference, BHU, Varanasi, India. (13-16 February 2020). (Invited Speaker)

“Anti-diabetic metformin suppressed BMP-2 induced osteoblast-like potential in lung cancer cells” National Symposium on Basic & Translational Research in Cancer Biology, Institute of Advanced Research, Gujarat. (11-12 September 2019). (Invited speaker)

### **Vijay Kumar Prajapati**

“Leishmania subunit vaccine” in a British Society of Immunology conference, London, UK, (October 2019). Invited Lecture

### **Bhawana Bissa**

'Emerging and Interdisciplinary areas of biological science research' for mini colloquium at BITS-Pilani. (18 January 2020). Invited Lecture

## **Department of Biotechnology**

### **Pankaj Goyal**

“Targeting malaria through host pathways: Dissecting the role of host serine/threonine kinase 35 (STK35L1) as a drug target in parasite infection and growth” at National Conference on “Newer avenues in the field of chemical science” organized by the Department of Chemistry, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur. (14-15 Feb 2020). Invited Lecture

“Post genomic era and personalized medicine” at Department of Biotechnology, B.N. College of Engineering and Technology, Lucknow. (13 Feb 2020). Invited Lecture

### **Suman Tapryal**

“IgM assisted oligomerization of a vaccine candidate protein - glycoprotein D of HSV-2” at 30<sup>th</sup> National Congress of Parasitology & Global Summit on Malaria Elimination” organized at JNU, New Delhi. (26-28 September 2019). Invited Lecture

### **Janmejy Pandey**

“Metagenomic analyses of microbial communities across pollutant concentration gradient in textile effluent streams of Sanganer - Rajasthan using PCR dependent and PCR independent sequencing approaches” at South Asian Regional Symposium on Microbial Ecology- SARSME -2020 organized by ISME, Prithvi Narayan Campus, Tribhuan University, Pokhara, Nepal. (13-15 February 2020). Invited Lecture

### **Jay Kant Yadav**

“Nutritional considerations for healthy aging with special reference to the patients of Alzheimer's disease” at Food Science Frontier Research Forum, International University Consortium of Food Science and Nutrition, Hangzhou, China. (17 -19 October 2019). Invited Lecture

“Interfering Amyloid  $\beta$  ( $A\beta$ ) peptide aggregation to develop therapeutic strategies for the treatment of Alzheimer's disease” at “Neurocon” held at M.M. University, Mullana-Ambala, Haryana. (15-18 November 2019). Invited Lecture



“Amyloids of Antimicrobial Peptides: A new paradigm for antimicrobial therapy” at “The Annual BSBE Winter Meeting 2019 “Amyloids: In Diseases to Promising Materials” held at IIT Kanpur, Kanpur. (15-18 November 2019). Invited Lecture

### **Jayendra Nath Shukla**

“Sex-determining genes; a potential tool for managing insect/pest population” in the “National conference on Omics for Food, Health and Environment” organised by Department of Biotechnology, DDU, Gorakhpur University, Gorakhpur. (14-15 February 2020). Invited Lecture

“Harnessing the potential of Sex-determination mechanism as a component of Integrated Pest Management” in the “National conference on Climate Change: The Impact on Biodiversity and Global Health Security” organised by Department of Botany, Rajasthan University, Jaipur. (20-22 December 2019). Invited Lecture

“Dissection of sex determination pathway of *Tribolium castanum* using parental RNAi” in the “National conference on Insect-Plant Biology in 21st century” organised by Department of Zoology, Deshbandhu College, University of Delhi, Delhi. (4-5 November 2019). Invited Lecture

### **Surendra Nimesh**

“Biosynthesis of Silver Nanoparticles” at National Workshop on Basics of Molecular Biology and Nanobiotechnology Techniques workshop at The IIS University, Jaipur. (26-29 February 2020). Invited Lecture

“Antimicrobial and Wound Healing Potential of Biogenic Silver Nanoparticles” at National Conference on Nanomaterials in Biology (NCNB 2019), 9-12 Oct, 2019, University of Rajasthan, Jaipur. Invited Lecture

## **Department of Chemistry**

### **R. T. Pardasani**

“Putting Elements Together: A Periodic Table and Emerging Trends in Chemical Sciences” symposium on “Frontiers in Chemical & Pharmaceutical Sciences: Elements for Life, Banasthali Vidyapith, Rajasthan. (22 December 2019). Invited Lecture

“From Mass Spectrometry to Proteomics” and “2D NMR for Structural Analysis” in National Workshop on “Theory & Practice of Characterization and Analytical Techniques”, MNIT, Jaipur. (19 December 2019). Invited Lecture

“From Mass Spectrometry to Proteomics” and “2D NMR for Structural Analysis” in National Workshop on “Theory & Practice of Characterization and Analytical Techniques”, MNIT, Jaipur. (21 December 2019). Invited Lecture

“Academic Integrity – Academic Misconduct, Plagiarism and Ethics” and “Scientific Methods of Research” In Teacher Learning Centre, Central University of Rajasthan. (14 November 2019). Two Invited Lecture

“Transition-metal mediated synthesis of complex N-heterocycles” for Oral Presentation in 27th International Society of Heterocyclic Chemistry Congress ISHC, Kyoto Japan. (1-6 September 2019). Session Chaired

“Greener Approaches to the Constriction of Agriculturally and Biologically Privileged Heterocycles” in a conference on Recent Advances and Future Perspectives in Chemical Sciences: An Interdisciplinary Approach, Dr K. N. Mody University, Banasthali. (26 July 2019). Keynote Speaker

### **Easwar S.**

“Asymmetric Organocatalysis and the Morita-Baylis-Hillman Reaction: Diverse Tools towards





Biologically Active Targets” at the Karolinska Institute, Stockholm, SWEDEN. (23 September 2019). Invited Lecture

“The Morita-Baylis-Hillman Ketone – A Pandora's Box of Reactivity” at the Department of Chemistry, University of Bologna, ITALY. (7 October 2019). Invited Lecture

“Unusual Reactivity Patterns in Morita-Baylis-Hillman Ketones” at the University of Jyväskylä, FINLAND. (22 October 2019). Invited Lecture

### **Anuj K. Sharma**

“Multifunctional Inorganic Systems for Biomedical Applications” at XVIII Modern Trends in Inorganic Chemistry Conference organized by IIT Guwahati, (11–14 December 2019). Invited Lecture

### **Ritesh Singh**

“Synthetic Exploration of Aza-oxyallyl Cation Towards Oxindoles and 1,4-Benzodiazepines” in ISCBC-NIPiCON-2020 at Nirma University, Ahmedabad. (22-24 January 2020). Invited Lecture

### **Hemant Joshi**

“A Molecular Rotor Possessing a Cl-Pd-Cl “Spoke” on a Se-Pd-Se “Axle”: Efficient Catalyst for Regioselective C-5 Arylation of Imidazoles” in 26<sup>th</sup> ISCB International Conference (ISCBC-2020), Nirma University Ahmedabad. (22-24 January 2020). Invited Lecture

## **Department of Computer Science and Engineering**

### **Gaurav Somani**

“Topics in Security and Forensics”, in Two Week Short Term Course On “Emerging Trends and Innovation in Engineering & Science (ETIES)”, Government Engineering College, Ajmer. (22 July -02 August 2019).

### **Ravi Saharan**

“International Conference on Sustainable Computing in Science, Technology and Management SUSCOM-2020”, Amity University Rajasthan, Jaipur, India. (20-22 January 2020). Session Chaired

## **Department of Computer Science**

### **Mamta Rani**

“The logistic map revisited” at International e-conference on “Fixed point theory and its applications to real world problems”, organized by Govt PG College Maldevta, Raipur, Dehradun. (27 June 2020). Invited Lecture

“Cryptography with Chaos” at National e-conference on “Recent applications of applied sciences & Humanities”, Organized by Govt Degree College Satnali, Haryana & Society of Scientific Research and Education. (07 June 2020). Invited Lecture

“Alternated superior chaotic BBO” at 10<sup>th</sup> conference of Haridwar, Chapter of The Indian Science Congress Association on “Science and Technology: Rural Development”, organized by Department of Chemistry and Department of Physics, Gurukula Kangri University, Haridwar, Uttarakhand, India. (15-16 February 2020). Invited Lecture

“Chaos and Biogeography based optimization algorithm” at SISCT-2020, National conference organized by Swami Vivekanand Subharti University, Meerut. (14-15 February 2020). Invited Lecture

“Chaotic Cryptography” at International Conference on “History and recent developments in



Mathematics with applications in science & Technology”, organized by ISHM & MBPIT, Vidya Nagar, Gujrat. (17-19 December 2019). Invited Lecture

“Fixed point theory and its applications to real world problems “International e-conference on organized by Govt PG College, Maldevta, Raipur, Dehradun. (27 June 2020). Session Chaired

“Network, Internet of things and Internet of everything”, 2 weeks FDP at Maulana Azad National Urdu University, Hyderabad. (7 November 2019). Resource Person

### **Nishtha Kesswani**

“FICR International Conference of Rising Threats in Expert Applications & Solutions 2020” at IIS (deemed to be University), Jaipur, India. (18 January 2020). Session Chaired

“Research Ethics and Modern trends in Computer Science” at Jaipur National University, Jaipur, India. (21 January 2020). Invited Lecture

“Research trends and avenues in Soft Computing” in TEQIP-III Sponsored International Conference on Recent Developments in Engineering and Technology at Anand International College of Engineering, Jaipur. (15 September 2019). Invited Lecture

### **A. Nagaraju**

“Wireless Sensor Network and Ubiquitous Computing (WSNUC-2K20)” Sponsored by the Department of Science & Technology (DST), Rajasthan. at SKIT, Jaipur, India. (23-25 January 2020). Invited Lecture

### **Ravi Raj Choudhary**

“Design Analysis and Algorithm” at Aryabhata College of Eng. and research center, Ajmer. (19 October 2019). Invited Lecture

“International Conference on Sustainable Computing in Science, Technology & Management, SUSCOM-2020” at Amity University Rajasthan, India. (20-22 January 2020). Session Chaired

“Machine Learning Technologies” at Aryabhata College of Eng. and research center, Ajmer. (18 January 2020). Invited Lecture

### **Ajay Indian**

“Introduction to Deep Learning and its Applications in Image Recognition” at One-Week Online Faculty Development Program organized by Department of Computer Science and Engineering, Invertis University, Bareilly. (29 June 2020). Invited Lecture.

“Using Open Source Software for Enhancing the E-contents” at One-Week Online Faculty Development Program on “ICT Learning and E-content Development” organized by RML Avadh University, Ayodhya. (23 July 2020). Invited Lecture.

“Ways and Means to Combat Educational Challenges Emerging Due to Pandemic Covid-19” a Multi-Disciplinary International Online Seminar organized by Navyug Kanya Mahavidyalaya, Lucknow (Affiliated to Lucknow University, Lucknow) & Global Association of Professionals for Academic Excellence and Research. (19 June 2020). Session Chaired

### **Krishna Kumar Mohbey**

“Big Data Analytics” at National Workshop on Sensor Networks and Internet of Things (IoT) (WONSIT-2019), Pachhunga University College, Aizawl, Mizoram (11-13 September 2019). Invited Lecture.

“Components & Applications of Cloud Computing and Internet of Things” at National Workshop on Sensor Networks and Internet of Things (IoT) (WONSIT-2019), Pachhunga University College, Aizawl, Mizoram (11-13 September 2019). Invited Lecture.



## Gaurav Meena

“International Conference on Sustainable Computing in Science, Technology & Management, SUSCOM-2020” at Amity University Rajasthan, India. (20-22 January 2020). Session Chaired

“Emerging Technologies in Computer Engineering: Machine Learning and Internet of Things” at 3<sup>rd</sup> International Conference (ICETCE), Jaipur, India. (07-08 February 2020). Invited Lecture

## Department of Commerce

### Praveen Sahu

“Emergence of New Business Practices for Growth, Competitiveness and Innovation” at 11<sup>th</sup> International Conference organized by Prestige Institute of Management, Gwalior, India. (28 December 2019). Session Chaired.

“CORONA Calamity: Its Social and Economic Consequences on India” at National Webinar Organised by DAV PG College (BHU), Varanasi. (20 April 2020). Key Note Speaker.

“Impact of COVID-19 on the Indian Economy” at National Webinar organized by Department of Financial Administration, Central University of Panjab, Bhatinda. (15 May 2020). Invited Lecture.

### Sushila Kumari Soriya

“Emerging Technologies Redefining the Financial Sector” in National Conference at MJRP University, Achrol, Jaipur. (18 January 2020). Session Chaired

“The Making of Research Programme” under Unique Talk Series, Anand Institute of Management, Bhopal (12 June 2020). Session Expert

### Sanjay Kumar Patel

“Impact of COVID-19 on Indian Economy: Challenges and Opportunities” in National Webinar at Jhunjhunwala P.G. College, Ayodhya. (15 June 2020). Guest of Honour

## Department of Culture and Media Studies

### Nicholas Lakra

“Cultural Heritage and its Conservation: An Introduction in DST sponsored National Workshop, organized by Department of Culture and Media studies, Central University of Rajasthan, (13 March 2020). Invited Lecture.

### Pranta Pratik Patnaik

“Culture, Media & Responsibilities of Youth” at Govt. Engineering College, Bharatpur, Rajasthan (10 August 2019). Invited Lecture.

“Effective Strategies for Literature Review” in Academic Writing Symposium, Centre for North East Studies and Policy Research at Jamia Millia Islamia University, New Delhi (12 September 2019). Invited Lecture.

“Journalism Education in Digital Era” in 2nd edition of South Asia Communication Conference on 'Journalism Education in South Asia', School of Mass Communication, Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar. (20 December 2019). Session Chaired.

## Department of Data Science & Analytics

### Upasana Talukdar

“Machine Learning and Brain Imaging: Opportunities and Challenges” at One-Day Workshop on Brain &



Computation: Current Trends and Future Prospects, Organized by Dept. of Data Science & Analytics, Central University of Rajasthan. (14 February 2020). Invited Lecture

“Student Engagement Platform: Piazza, Google Classroom” at One-Day Orientation Session on Digital Teaching and Learning, organized by Digital Learning Technology Support Centre, Central University of Rajasthan. (13 July 2020). Invited Lecture

### **Vikas Kumar**

“Application of Machine Learning for Conservation of Cultural Heritage” at Three-Day National Workshop on Application of Artificial Intelligence for Conservation of Cultural Heritage of India Organized by Central University of Rajasthan. (13-15 March 2020). Invited Lecture

“MOOC Aggregator” at Five Days Workshop on Teaching-Learning-Evaluation for Faculty Members of HEIs Organized by Teaching Learning Centre, Central University of Rajasthan. (5-9 August 2019). Invited Lecture.

## **Department of Economics**

### **Hemlata Manglani**

“Impact of Covid-19 on Global Economy”, Organized By Abasaheb Garware College, Pune, Maharashtra. (30 May 2020). Invited Lecture: Webinar

“Women Empowerment & Microfinance” organized by D.A.V. College Ajmer in Literary Fest 2019. (4 October 2019). Invited Lecture

“Human Capital Development through Higher Education: Lessons for India” in XXVII International Economics Convention, organized by Smt. Mithibai Motiram Kundnani College of Commerce & Economics. (12-14 December 2019). Resource Person

### **Pragati Jain**

“Livelihoods and Social Capital: An Assessment in the Tribal dominated Mining Region” in National Seminar on Survival Challenges of SC's and ST's in Contemporary India at Institute of Development Studies, Jaipur. (8-9 August 2020). Invited Lecture

“Redefining poverty through the Lens of Capability Approach” in NABARD sponsored 40th Annual Conference of Rajasthan Economic Association. (24-25 January 2020). Presentation

“Addressing the Rebound Effect in Water Energy Nexus” in ICSSR-NRC sponsored National Conference on SDG's 2030- Ideas and Innovations for Better Tomorrow organized by Grassroots empowerment and Development by Youth (GEDY) Delhi. (17-18 January 2020). Presentation

### **Satyanarayana Murthy Dogga**

Tier-II Workshop on “Economics Resources for Teacher in Higher Education” organised by National Resource Center for Education (NRCE), National Institute of Educational Planning and Administration (NIEPA), New Delhi (13-14- January 2020). Resource person.

## **Department of Education**

### **Anjali Sharma**

“Mental Health and well-being during COVID 19”.Anasol Engineering College, Anasol, West Bangal. (13 May 2020). Invited Lecture







## Department of English

### Supriya Agarwal

"Creative & Critical Mind" at Madhav Institute of Technology & Science, Gwalior. (31 August 2019).  
Invited Lecture

"National Conference on Transforming Society through Literature and Social Movements" organized by S. S Jain Subodh PG College, Jaipur. (7 September 2019). Session Chaired

'Human Rights are Women's Rights: Women's Rights are Human Rights', organized by Collaborative for Academic Research & Development (CADD), at Government College, Jaipur. (27 September 2019).  
Participated in Panel Discussion

"National Conference on 'Human Rights are Women's Rights: Women's Rights are Human Rights'" organized by Collaborative for Academic Research & Development (CADD), at Government College, Jaipur. (27 September 2019). Session Chaired

"Grounding Ecofeminism: A Spectrum of Ideologies" at an International Conference on Rethink, Restrict, Restructure and Reinvent: The Sustainable Development Perspective, organized by St. Xavier's College, Jaipur. (7-8 February 2020). Keynote Address

"Pandemic and Gender Related Issues" at A.M.P.G college, Varanasi. (26 June 2020). Invited Lecture

"Gender Equality in Educational Institutes" at Rajasthan Technical University. (26 June 2020). Invited Lecture

### Sanjay Arora

"Team Building and Leadership Skills" in TEQIP III sponsored short-term course on Empowering Engineers through Communication Skills: A Comprehensive Approach. MNIT, Jaipur. (30 July 2019).  
Session Chaired

"Rhetoric and Prosody" at Amity University, Jaipur. (25 September 2019). Invited Lecture

Delivered lectures on 'Elements of a Sentence' and 'Formal Writing' at Jain Vishwa Bharti Institute, Ladnun. (28 September, 2019). Invited Lecture

"The What, Why and How of Soft Skills" at a National Workshop on Integration of Soft Skills in Pedagogy, organized by Faculty Development Center, Banasthali Vidyapith. (25-20 November 2019). Keynote address

"Localising Rhymes for Effective Communication" during Winter Teacher Training Programme of Kendriya Vindyalaya Teachers of North Zone. (29 December 2019). Conducted a training session

"Interactive ways of Imbibing Vocabulary" during 10-day Induction program for newly recruited PRTs of Kendriya Vindyalaya Sangathan Regional Office, Jaipur. (11 January 2020). Conducted a training session

"14<sup>th</sup> International Conference of ELTAI on Right to English, organized by Amity Institute of English Studies & Research, Amity University, NOIDA. (9-12 October 2019). Session Chaired

"Research Methodology" to the PhD research scholars at Jaipur National University, Jaipur. (2 January 2020). Invited Lecture

"International Conference on Hermeneutics Today: Negotiating Traditional Approaches across Cultures and Languages", organized by Swami Keshwanand Institute of Technology, Management and Gramothan, Jaipur. (24-25 January 2020). Session Chaired

"International Conference on Hermeneutics Today: Negotiating Traditional Approaches across Cultures and Languages", organized by Swami Keshwanand Institute of Technology, Management and Gramothan, Jaipur. (24-25 January 2020). Plenary talk

### Neha Arora

"Yes, We Talk Differently': Reading Gender in Dalit Literature" at Midnapore College, West Bengal. (16



May 2020). Invited Lecture

“Registering Resistance, Celebrating Dalithood: Reading Contemporary Dalit Activism” at GNOSIS lecture series. (17 May 2020). Invited Lecture

“The Word/World of Dalit Literature” at Periyar University, Chennai. (16 June 2020). Invited Lecture

### **Ved Prakash**

“Documenting Persistence: Contextualising Select Voices from Women Writer” at Sharda University, New Delhi. (4 November 2019). Invited Lecture

“How to Read and How Not to Read, that is the Question” in a Workshop on 'Empowering Engineers through Communication Skills: A Comprehensive Approach' at Malviya National Institute of Technology, Jaipur. (29-2 August 2019). Invited Lecture

“Comprehension and Analytical Skills” in a Workshop on 'Empowering Engineers through Communication Skills: A Comprehensive Approach' at Malviya National Institute of Technology, Jaipur. (29-2 August 2019). Session Chaired

## **Department of Environmental Science**

### **Rajesh Kumar**

“Impact Of Changing Climate in General and in particular on the Glacier: A Case Study of Naradu Glacier, Himachal Pradesh” in the 1<sup>st</sup> National Conference on Environment and Energy Materials (NCEEM-2020), Organized by the Department of Environmental Sciences, School of Basic Sciences and Research, Sharda University, Greater Noida. (27-28 June 2020). Webinar Invited Lecture

“Glacier mass balance estimation of Naradu Glacier, Western Himalaya” in the National Conference on “Recent Trends in Environmental Pollution and Disaster Risk Reduction (RTEPDRR 2020)” organized by IIT(ISM), Dhanbad in collaboration with FICCI, New Delhi at FICCI Federation House Tansen Marg, New Delhi. (06-07 February 2020). Invited Lecture

“Environmental sustainability: a case study on Himalayan Cryosphere” in Second International Conference on Recent Trends in Environment and Sustainable development (RTESD-2019) organized by Vivekananda Global University, Jaipur. (18 October 2019). Invited Lecture

### **L. K. Sharma**

“Role of advanced geospatial techniques for climate change monitoring” in the 6th Annual International Convention on Recent Perspectives on Climate Change and Sustainable Development (RPCSD-2019) of the SGV University, Jaipur. (9 November 2019). Invited Lecture

### **Garima Kaushik**

“Biodegradation of Emerging Contaminants: Pharmaceutical compounds” at Swami Keshavanand Institute of Technology, Jaipur. (15 February 2020). Invited Lecture

### **Alok Kumar**

“Role of Coastal Wetlands in the Carbon Sequestration” at School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar, Gujarat. (24 August 2019). Invited Lecture

“Biogeochemistry of Sundarban Ecosystem” at National Conference on Recent Trends in Environmental Pollution & Disaster Risk Reduction, FICCI, Federation House, Tansen Marg, New Delhi organized by IIT-ISM Dhanbad in collaboration with FICCI, New Delhi at FICCI Federation House Tansen Marg, New Delhi. (6-7 February 2020). Invited Lecture



## Shailesh Kumar Patidar

"Algae for Food, Energy and Sustainable Environmental Solutions" organized by Poornima University, Jaipur, Rajasthan. (4 July 2020). Webinar Invited Lecture)

## Department of Hindi

### N. Lakshmi Aiyar

"The Importance of Yoga, Relevance of Bhagawat Gita to Modern Era", at refresher programme, College of Home Science, MLSU Udaipur. (16-17 September 2019). Invited Lecture.

"A comparative study of Modern Poetry of Tamil & Hindi and comparative study of Tiruvalluvar-Kabir-Vemana", at refresher programme, North Maharashtra, Jalgoan. (17-18 November 2019) Invited Lecture.

### Mamata Khandal

"Romanticism aur Swachhandatabad: Ek Tulnatmak Adyyan" at national seminar, Tulnatmak Sahitya: Bharatiya bhashayen tatha Sahitya, Department of Hindi, Central University of Tamilnadu, Tiruvarur. (17-18 February 2020). Invited Lecture

### Suresh Singh Rathod

"Samkaleen Sahitya Par Chhayavadi Sahitya Ki bhasha Ka prabhav" DAV College & Rajasthan Sahitya Academy Udaipur. (16 November 2019). Invited Lecture

Hindi Sahitya mein Mahila Lekhan: Chunoutiyan aur Bhavishy, Ajmer Lekhika Sangha & Rajasthan Sahitya Academy Udaipur. (23-24 November 2019) Invited Lecture.

## Department of Linguistics

### Dhanapati Shougrakpam

"Field Linguistics and Human Factors" at Workshop on 'Linguistics and Language Sciences: A Quantifying Approach', Department of Linguistics, Central University of Rajasthan. (19 February 2020). Resource person

"Understanding Linguistics and Language Sciences" at National Webinar, organized by English Department in collaboration with Internal Quality Assurance Cell (IQAC), Mahatma Phule Mahavidyalaya, Kingaon, Latur. (25 June 2020). Invited Lecture

### Sakshi Bhatia

"Processing Agreement in Hindi" at Zoomdemic Talk Series, Jawaharlal Nehru University, Delhi, India. (8 April 2020). Invited Lecture

## Department of Management

### Uma Sankar Mishra

"Structural Analysis of Research Paper and Publishing in indexed Journals" at FDP. Srusti Academy of Management in collaboration with Siksha O Anusandhan deemed to be University, Bhubaneswar. (24-30 June 2020). Invited Lecture

"Writing Research Paper for Journals of High Impact Factor, Webinar by Sri Balaji University, Punc. (June 6, 2020). Invited Lecture

### Sanjay Kumar

"Quantitative & Qualitative Research Methods" at University of Kota, Kota. (7 February 2020). Invited



Lecture

“Resrarch assessment & Advisory meet” at Suresh Gian Vihar University Jaipur. (16 November, 2019).

Invited Lecture

### **Tulsee Giri Goswami**

“Domestic Violence Awareness- Impact of Lockdown on domestic violence and measures to tackle the situation” in a National Webinar, jointly organised by Government Degree College, Gosaikheda, Unnao, Uttar Pradesh and Government Kaktiya PG College, Jagdalpur, Bastar, Chhattisgarh. (21 June 2020).

Invited Lecture

“World Congress on Women 2019 Celebrating the Past, Planning for the Future” at Indian Institute of Science, Bengaluru, Karnataka, India. (8 September 2019). Paper presentation

## **Department of Mathematics**

### **A. P. Singh**

“Role of Escaping sets in Complex Dynamics” during International Conference on Recent Advances in Fundamental Applied Science at Lovely professional University, Phagwara, Punjab. (05-06 November 2019). Invited Lecture

“The Joy of Mathematics” during Guest Lecture on DST Inspire Sciences Camp at SPS University, Udaipur (28-29 November 2019). Invited lecture

“On Escaping sets of transcendental Entire functions” during National Seminar on “Mathematics Science-2020 at The University of Burdwan, West Bengal (07-12 January 2020). Invited lecture

“On Bungee sets of transcendental entire functions” during Workshop on Applications of Analysis at University of Jammu, Jammu (23-23 February 2020). Invited lecture

### **Jugal K. Prajapat**

“34<sup>th</sup> Ramanujan Mathematical Society” Annual Conference at Pondicherry University, Puducherry (31 July -07 August 2019). Session Chaired

“Harmonic Mappings with Fixed Analytic Part” during 27<sup>th</sup> International Conference on Finitar on Infinite Dimensional Complex Analysis and Application at Siberial Fedral University, Krasnoyarsk (Russia). (12-16 August 2019). Invited Lecture

“Certain Geometric Properties of Wright Functions” during 18<sup>th</sup> Annual Meeting of the Society for Special Functions & Application (SSFA) at University College of Engineering and Technology, Bikaner. (20-23 October 2019). Invited Lecture

“Applications of Conformal Mappings” during Guest Lecture Series on Complex Analysis at Seth G.B. Poddar College, Nawalgarh, Jhunjhunu. (15 November 2019). Invited Lecture

“The easy tricks to learn mathematics” on Mathematical Day Celebration at Regional Institute of Education, Ajmer. (23 December 2019). Invited Lecture

### **Amit Chakraborty**

“N-cycle and its anthropogenic perturbation: causes and consequences” during National Level Seminar on Environmental Perturbation: Root Causes and Remedies at Sripat Singh College, Murshidabad, West Bengal (27-28 February 2020). Invited Lecture.

“Organization of nitrogen biogeochemical pathways underground” at Department of Mathematics, Shanxi University, China (17 June 2019). Invited Lecture.

“Limiting Resource-Diversity-Functioning of the Systems (R-D-FS) framework and ecological regulation” at School of Energy and Environment, Southeast University, China, (10-14 June



2019). Invited Lecture.

“Bio complexity: Limiting resource-diversity-the functioning of systems (R-D-FS) framework” at Institute of Mathematical Sciences, Chennai (25 September 2019). Invited Lecture.

### **Ram Kishor**

“Effect of radiation and P-R drags on the equilibrium points and zero velocity curves in the restricted three body problem” during Second International Conference on Mathematical Modelling, Applied Analysis and Computation- 2019 at JECRC University, Jaipur. (08-09 August 2019). Invited Lecture

“Lyapunov Characteristics Exponents in the perturbed restricted three body problem” during 6<sup>th</sup> International Conference on Complex Dynamics System and Applications (CDSA) at CURAJ, Bandarsindri. (21-23 February 2020). Invited Lecture

### **Jai Prakash Tripathi**

“MATLAB and LATEX with Some Applications” during Short Term Courses on Latex and MATLAB: Indispensable Tool for Research at Bundelkhand Institute of Engineering & Technology, Jhansi. (08-09 July 2019). Keynote Lecture

“Some Applications of Differential Equations” during Invited Talk on one day workshop on Applications of Differential Equations in Science and Engineering at Rajkiya Engineering college, Ambedkar Nagar U.P. (13-14 August 2019). Invited Lecture

“Applications of MATLAB in Modeling and Analysis” during One-Week Faculty Development Program (FDP) on Application of LaTeX and MATLAB in Engineering at Rajkiya Engineering College, Banda, U.P. (19-20 September 2019) Invited Lecture

“A Predator-Prey Model with Nonlinear Functional Response: The Role of Fear Effect and Delay” during National Conference on Recent Advancement in physical Sciences at NIT Uttarakhand, Satellite Campus, MNIT Jaipur (20 December 2019). Invited Lecture.

“Applications of Linear Algebra and Differential Equations” during the interaction with students from B.Sc. and M.Sc. Programme at Vivekanand Global University Jaipur. (20 December 2019). Guest Lecture.

## **Department of Microbiology**

### **Akhil Agrawal**

“Combining microbial and chemical approaches for development of novel enhanced oil recovery method” at 60<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI-2019) and International Symposium on Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and Health at Central University of Haryana, Mahendergarh, Haryana, India. (15-18 November 2019). Invited lecture

“Challenges and Prospects of Microbiology in Oil and Gas Industry” at 107<sup>th</sup> Indian Science Congress 2020 GKVK Campus, Bangalore. (3-7 January 2020). Plenary Lecture

### **Nidhi Pareek**

“Feasibility and perspectives of chitosan based nanomaterials in medicine as delivery systems” at National Conference on Nanomaterials in Biology. University of Rajasthan, Jaipur (09-12 October 2019). Invited lecture

“Towards validating the Michaelis-Menten kinetics: effect of substrate concentration on enzyme action” at Workshop of Basics in Molecular Biology and Nanobiotechnology Techniques. IIS University, Jaipur (26-29 February 2020). Invited lecture



### **Vijay K. Verma**

“N-terminal domain of *Helicobacter pylori* DnaB Helicase: role in switching of DNA binding activity” at 88<sup>th</sup> Annual Meeting of the Society of Biological Chemists, India (SBCI-2019) and Conference on Advances at the Interface of Biology & Chemistry” organized by Bio-Science Group, Bhabha Atomic Research Centre, Mumbai. (1–3 November 2019). Invited Lecture

“Exploring the mystery of loading of *Helicobacter pylori* DnaB Helicase” at 60<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI-2019) and International Symposium on Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and Health at Central University of Haryana, Mahendergarh, Haryana, India. (15-18 November 2019). Young Scientist Award Lecture

### **Deeksha Tripathi**

“Transcriptomics: Analysis of gene at the Transcriptional Level, at Modern Biology with focus on infectious disease” at JH Institute of Molecular Medicine, Jamia Hamdard, New Delhi, India. (18 November -14 December 2019). Invited Lecture

“Microbiome for improving crop production” at Department of Botany, CMP College, University of Allahabad. (15 November 2019). Invited Lecture

“Microbiota in agricultural soils, their potential association with nutrient recycling” at Department of Botany, CMP College, University of Allahabad. (15 November 2019). Invited Lecture

“Biosensor: Current Trends” at Pachhunga University Collage, Mizoram, India.”(12 September 2019). Invited Lecture

## **Department of Pharmacy**

### **Amit Kumar Goyal**

“Importance of Research informed and Research Oriented teaching in Pharmaceutical sciences” in five days workshop organized by Teaching Learning Centre (TLC), Central University of Rajasthan, Ajmer, Rajasthan. (20–24 August 2019). Invited lecture

“Nanotechnology for delivery of Bio therapeutics” at DBT's sponsored popular lectures in Biotechnology, organized by the School of Pharmacy and Research, People's University, Bhopal, Madhya Pradesh.(22 January 2020). Invited lecture

“Funding opportunities in the field of Pharmaceutical Sciences” in National level e-FDP on COVID-19 outbreak: Challenges and Opportunities in Higher Education organised by BRN College of Pharmacy, Mandsaur, and Madhya Pradesh Council of Science and Technology, Bhopal, Madhya Pradesh. (1st - 5 June 2020). Invited lecture

### **Devesh M. Sawant**

“Interactions 2020 on Azide-Isocyanide Cross Coupling Reaction promoted by Pd-Catalysts: Applications in Medicinal Chemistry and Bioimaging” at IISER, Bhopal. (7 February 2020). Invited lecture

“Pd-Catalyzed Azide-Isocyanide Cross Coupling Reaction: Applications in Medicinal Chemistry and Bioimaging” in 26th Indian Society for Chemists and Biologists Conference on at NIRMA University, Ahmedabad. (22 January 2020). Invited lecture

“Exploration of Pd-Catalyzed Azide-Isocyanide Cross Coupling Reaction” in Trends and Innovation in Chemistry (NCTIC-19) at Ravindranath Tagore Group of Colleges, Kapasan. (7 December 2019). Invited lecture



### **Kaisar Raza**

"Next-Gen Paradigms in Healthcare" at International Conference, ICONICA 2020, organized by Panjab University, Chandigarh (12 February 2020). Invited lecture

"Controlled Drug Delivery" at National Institute of Pharmaceutical Education and Research, Mohali, Punjab (31 January 2020). Guest lecture

"Quality-by-Design: An Indispensable Tool for Design of Nanopharmaceuticals", in a two-week *Intensive Training Program on 'Pharmaceutical Quality by Design: A Risk Based approach'*, organized by National Institute of Pharmaceutical Education and Research, Mohali, Punjab (25 November 2019). Invited lecture

### **Umesh Gupta**

"Role of Pharma Sector in Building Atmanirbhar Bharat", organized by Chameli Devi Institute of Pharmacy, at "SWAYAM Platform: Capabilities and Challenges" during CDIP WEB CON 2020: A Series of Expert Lectures, Indore, MP. (10- 20 June 2020). Invited lecture

"Implementation of Green Chemistry and Analytical Techniques to Reconcile Obligation of Drug Discovery and Design", organized by ADINA Institute of Pharmaceutical Sciences, Sagar, Madhya Pradesh. (03- 07 March 2020). Invited lecture

"Nanomaterials in Biology" in National Conference at MNIT Jaipur. (9-12 October 2019). Invited lecture

Invited lecture on "Nanotechnology for Healthcare & Environment" in the National Conference at Rameshwaram Institute of Technology Management, Lucknow. (24-28 September 2019). Invited lecture

"Combating Neurological Disorders: Approaches and Methods" at INMAS, Delhi. (19 September 2019). Invited lecture

"Challenges and Opportunity of Radiopharmaceuticals in Healthcare" at S.N. Medical College Agra, Uttar Pradesh (7 September 2019). Invited lecture

## **Department of Physics**

### **Manish Dev Shrimali**

"Controlling Multistability" Conference on Nonlinear Systems and Dynamics, CNSD 2019, IIT Kanpur. (12-15 December 2019). Invited lecture

### **Ajit K. Patra**

"Evidence of spin-phonon coupling in doped samarium orthoferrite", 3rd international conference on advanced functional materials (ICAFM 2019) being held at CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, Kerala. (9-10 December 2019). Invited lecture

### **Neeraj Panwar**

"Magnetization reversal and low temperature magnetocaloric effect in rare-earth orthochromites: Impact of doping", 2nd International Conference on Nanomaterials Science and Mechanical Engineering (ICNMSME2019) at the University of Aveiro, Portugal. (9 to 12 July 2019). Invited lecture

"Nanotechnology" 2nd International Conference on Nanomaterials Science and Mechanical Engineering (ICNMSME2019) at the University of Aveiro, Portugal. (9-12 July 2019). Chaired a technical session



### **Brijesh Kumar Singh**

"A tour to Nobel Prize 2018 in Physics" in the webinar series on Popular Topics in Physics, Department of Physics, Lucknow University. (18 May 2020). Invited lecture

"International Symposium on Photonics and Plasmonics (ISPP-2019)", organized by Department of Physics, Central University of Rajasthan (23-24 September 2019). Co-convener

### **Yugandhar Bitla**

"Structural and Magnetic Properties of Holmium and Zirconium Co-Substituted Bismuth Ferrite" 64th Department of Atomic Energy (DAE)-Solid State Physics Symposium (SSPS) 2019 held at Indian Institute of Technology Jodhpur (IITJ). (18-22 December 2019). Invited lecture

## **Department of Public Policy Law and Governance**

### **Nagendra Ambedkar Sole**

"Dr. BR Ambedkar's contribution to Indian Society" at National Seminar organized by Dr. Ambedkar Chair on Social Policy and Social Action, Acharya Nagarjuna University, and Dr. Ambedkar Foundation. Nagarjuna Nagar, Guntur. (6<sup>th</sup> December 2019). Invited Lecture.

### **S. Kandasamy**

"Uniform Civil Code-Can it be a reality". Sangam University, Bilwara. (26-27 November, 2019). Invited Lecture.

"Moot Court Panel Discussion", University of Petroleum and Energy Studies, Dehradun. (8-9 April 2020). Invited Lecture.

### **Anjan Kumar Sahu**

"The Discourse of Climate Change Threat, Securitisation of Development and Open Impartiality: An Analysis of India" at the International Workshop entitled "Scenarios and the politics of the Future at the Climate-Security Nexus" at Hamburg University, Germany. (15 November 2019). Invited Lecture.

"Securitization of Climate in India Climate Change Security Dialogue" organised by The Energy and Resource Institute (TERI) and Konrad Adenauer Stiftung, Kerala. (20-22 February 2020). Invited Lecture.

### **Jeevan Kumar Cheruku**

"Role of Youth leadership in good governance of India" National Seminar on Contemporary issues in public administration, organized by Ram Manohar Lohia Avadh University, Faizabad. (7-8 July 2019). Invited Lecture.

### **Ranjan Panda Gyana**

"Digital Silk Road Initiatives under BRI: Locating Convergent and Divergent Perspectives in India and China Relationship" at "First Forum on China-India-Pakistan International Cooperation under the Framework of Shanghai Cooperation Organisation, Organised by Centre for China-India-Pakistan Studies, Sichuan University of Science and Engineering. (25 -26 October 2019). Invited Lecture.

## **Department of Social Work**

### **Jagdish Jadhav**

"Gender Based Violence in India: Social Norms, Social Work & Social Change" organized by Faculty of







Social Work, The Maharaja Sayajirao University of Baroda, Vadodara Gujarat. (7-8 February 2020). Presented three papers and Chaired Technical Session

“National Convention on the topic of Elimination of Single Used Plastics (SuPs): Possibilities and Opportunities for New India” The convention is being held at the RMP-KEC Campus in Uttan, Bhayander, Thane, Mumbai. (18-19 January 2020). Resource Person

### **Subhasis Bhadra**

“Tourism and Development”, organised by Department of Business Management, Tripura (Central) University, Agartala, Tripura. (27-29 February 2020). Chaired Three Sessions

“Understanding Disability Inclusive Disaster Management” in National Workshop on Disability Inclusive Disaster Risk Management in India, organised by Organised by Society for Disability and Rehabilitation Studies, New Delhi in Collaboration with Institute of Seismological Research, Govt. of Gujarat, Gandhi Nagar. (11-12 July 2019). Keynote Speaker

“Human Rights at Critical Juncture amid of COVID-19 in India” in National Webinar, organised by New Alipore College, Department of Commerce, Kolkata, West Bengal. (24 June 2020). Invited Lecture

“The path of relief from depression arising in the CARONA lockdown period” in Webinar-CARUNA-CR Gateway, organised by Federation of Community Radio Station -New Delhi. (1 May 2020). Invited Lecture

### **Shaizy Ahmed**

“Gender Concerns in Extension” in Faculty Development Programme , organised by UGC-Human Resource Development Centre, Panjab University, Chandigarh. (3 February 2020). Invited Lecture

### **Rajeev MM**

“National Conference on Gender Based Violence in Disaster Management” organized by Baroda School of Social Work, Gujarat. (7-8 Feb 2020). Session Chaired

“Community Based Disaster Preparedness-Challenges Opportunities” in a national webinar organized by Department of Social Work, MES College, Erumely, Kerala. (6 June 2020). Invited Lecture

“Preparedness in Disaster Management” in Online Guest Lecture, organised by Department of Social Work, Amity Institute of Behavioral and Allied Sciences. (24 April 2020). Invited Lecture

### **D. P. Negi**

“Recent Debates in Development” in Online Guest Lecture, organised by Department of Social Work, Amity Institute of Behavioral and Allied Sciences. (27 April 2020). Invited lecture

## **Department of Statistics**

### **Arvind Pandey**

“Three Days National Workshop on Sensor Networks and Internet of Things (IoT) (WONSIT-2019)” in Aizawl, Mizoram. Organized by Department of Statistics, Pachhunga University College, Aizawl, Mizoram. (11-13 September 2019). Invited Lecture

“Recent Advances In Statistics: Theory and Applications” organized by the Department of Statistics, Sardar Patel University. (31 January -1 February 2020). Invited Lecture

### **Deepesh Bhati**

“A New Heavy-Tailed Class of Distributions: A Suitable Alternate to Pareto Distribution” on 3rd National



Conference on Statistics for Sciences, Social Sciences and Humanities, MLS University, Udaipur. (13-14 September 2019). Invited Lecture

### **Jitendra Kumar**

"Time series Modelling of COVID-19 in India" on National Web-Seminar on Sustainable Development Goals: Challenges for India, on the Occasion of National Statistics day organized by Department of Statistics, Mahatma Gandhi Kashi Vidhyapith, Varansi. (29 June 2020). Invited Lecture

"Modeling of COVID-19: An approach to know the DGP for future prediction" webinar on the topic "Data Science for Prediction of Outbreak of COVID-19" organized by Department of Computer Applications, Manipal University Jaipur. Manipal University Jaipur. (12 June 2020). Invited Lecture

"Big Data and Open learning: A New knowledge platform" at UHC-MHRD workshop on MOOC and content Development and Open Educational Resources during October 07-12, 2019, organized by University Centre for Computer Science and IT, University of Rajasthan, Jaipur. (11 October 2019). Invited Lecture

"Bayesian Inference of MC-AR Model with Arbitrary Order" at National Conference on Applications of Computational Statistics in Data Science organized by Department of Statistics, Saurashtra University, Rajkot. (29 September 2019). Invited Lecture

"Measurement of Fertility and Mortality for Health professionals" on September 17, 2019 In-service training course on "Medical Records & Information Management" for Para and Non para Medical Personals at *Central Bureau of Health Intelligence (CBHI), Jaipur*. (16-20 September 2019). Invited Lecture

"Time Series Approach for Modelling the Merger & Acquisition Series: An Application to Indian Banking System" Invited presentation in 62nd ISI World Statistics Congress 2019 (ISI WSC 2019) to be held at Kuala Lumpur, Malaysia. (18-23 August 2019). Invited Lecture

"Bayesian Inference of Multiple Structural Breaks in Multiple Regimes Threshold Autoregressive Model", 62nd ISI World Statistics Congress 2019 (ISI WSC 2019) to be held at Kuala Lumpur, Malaysia. (18-23 August 2019). Contributory paper

"Linear Time Series modeling" at National Workshop on Advanced Statistical and Optimization Learning in Multidisciplinary Arena organized by Department of Mathematics and Statistics, Manipal University, Jaipur. (15-19 July 2019). Invited Lecture

"Vital Events and Statistics "for Health professionals" on CBHI In-service training course on "Health Information Management" for Para median and Non-Medical Personals at *Central Bureau of Health Intelligence (CBHI), Jaipur*. (12-16 July 2019). Invited Lecture

### **Department of Yoga**

#### **Sanjib Kumar Patra**

"Comprehensive impact of Yoga, Meditation and Wellness on Social Wellbeing in Century" ICSSR sponsored national seminar organized by Union Christian Training College, Berhampore, West Bengal. (21 November 2019). Keynote Lecture

"Psychophysiology of Pranayama and Meditation", organized by the Central University of Kerala. (28 October 2019). Invited Lecture

"Psychophysiology of Yoga," organized by Mangalore University, Karnataka. (12 March 2020). Invited Lecture

"Neurophysiological basis of EEG' in a One Day workshop on Brain and Computation: Current trends and future Prospects, organized by department of Data science and analytics, Central University of Rajasthan (14 February 2020). Invited Lecture



“Stress and Sleep management,” organized by TLC, CURaj. (07 November 2019). Invited Lecture  
 “Stress and Sleep management”, organized by TLC, CURaj. (24 January 2020). Invited Lecture

### **Kashiath G Metri**

“Circulatory System & Yoga” on 6<sup>th</sup> International Yoga Day at Vishwa Bharati, Shantiniketan, West Bengal. (21 June 2020). Invited Lecture  
 “Ayurveda for Healthy living” at Swami Dayananda Sagar University, Ajmer. (18 June 2020). Invited Lecture  
 “Yoga Lifestyle for cardiac care” At Postgraduate Institute of Medical Research and Education (PGI) Chandigarh. (06 April 2020). Invited Lecture

## **Conference/Workshop/Seminar Presentation**

### **Department of Architecture**

#### **Prof. Neeraj Gupta**

“Town Planning and Town Planners: A Journey of Four Decades” at Distinguished Lecture Series to mark celebrations on 60<sup>th</sup> Year of establishment of Rajasthan Chapter of Institute of Town Planners India. (30 September 2019). Inaugural Lecture of the Series  
 “Future of Architecture Education” at Panel Discussion organized by School of Planning at Architecture, India International Centre, New Delhi. (18 October 2019). Panelist

### **Department of Biotechnology**

#### **Dr. Suman Tapryal**

“Global Bio-India 2019” an Industry-Academia Meet organized by Biotechnology Industry Research Assistance Council (BIRAC), Aerocity, New Delhi. (21-23 November 2019).

### **Department of Culture and Media Studies**

#### **Nicholas Lakra**

“Aadi Dharam and Sustainable Development” at International Conference on Tribal Philosophy, Dr Ram Dayal Munda Tribal Welfare Research Institute, Ranchi, Jharkhand. (17-19 January 2020).

#### **Pranta Pratik Patnaik**

“Re-orienting Journalism: A Cultural Approach to Communication” in 2nd edition of South Asia Communication Conference on Journalism Education in South Asia. School of Mass “Communication”, Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar. (19-20 December 2019).  
 “Transgender and Bio-political Governance in India” in a two day ICSSR sponsored national seminar on Social Development of Vulnerable Groups: Issues and Challenges in Contemporary India, M.P. Institute of Social Science Research, Ujjain. (28-29 November 2019).  
 “Dalits in Indian Mediascape: A Comparative Analysis of Dalit's Coverage in Indian Express and National Dastak” in a three-day national media conclave on Communication 4.0: Communication in a Digital Age. Institute of Media Studies, Utkal University, Odisha. (21-23 November 2019).  
 “Marginalised Voices in Digital Age: A Critical Analysis of National Dastak as an Alternative Media Platform” in a two-day national seminar on Communication and Social Change for the Marginalized and the Underprivileged. Department of Journalism, Kalindi College, Delhi. (5 – 6 September 2019).



## Department of Commerce

### Neha Seth

“Hands on Training on ICT Tools for Effective Teaching” Organised by Sri Kanyaka Parameshwari Arts and Science College for Women, Chennai (Online FDP, 22-28 June 2020).

“Re-Think and Re-Design of Curriculum, Teaching Methods and Mode of Teaching in Post Covid Scenario” Organised by Acharya Nagarjuna University, Guntur and Young Researchers Forum, Mumbai (Online FDP, 19-23 June 2020).

“Challenges in Restructuring the Innovative Teaching Learning Techniques” Organised Department of Commerce, Auxilium College, Vellore (Online FDP, 02-08 June 2020).

“My Life My Pride My Career” Organised by Patrician College of Arts and Science, Chennai (Online FDP, 18 May 2020).

“Data Analytics Using Excel” Organised by Rukmini Devi Institute of Advanced Studies (RDIAS), New Delhi (Online MDP, 16 May 2020).

### Dr. Ruchita Verma

“Cost and Profit Efficiencies of the Indian Banks: An Application of Fourier-Flexible Functional Stochastic Frontier Analysis” at International Conference on Entrepreneurship and Management: Challenges, Issues and Opportunities in the Global Economy. Vivekananda Global University, Jaipur. (9 November 2019).

“Impact of Working Capital Management on the Profitability: A Study of Maruti Suzuki India Limited” at 26<sup>th</sup> International Conference on Multidisciplinary Research & Global Innovation in Social Sciences, Management, Business, Education, Tourism & Technology. RDA, Goa. (23-24 November 2019).

“Impact of M&As on the acquirer banks' performance: an empirical analysis of Indian banking sector”, at 26th International Conference on Multidisciplinary Research & Global Innovation in Social Sciences, Management, Business, Education, Tourism & Technology organized by Research Development Association in Goa. (23-24 November 2019).

“Cost Efficiency Gains in M&As: A Non-parametric Study of the Indian Banking Sector” at 7th Pan IIM World Management Conference organized by IIM Rohtak. (12-14 December 2019).

“Relationship between Macro Variables and Bitcoin: Evidence from Indian Market” at 17<sup>th</sup> AIMS International Conference. IIM – Kozhikode. (2-4 January 2020).

“Industry Consolidation, and Internal and External Determinants of Profitability: Evidence from Indian Commercial Banks” at SIFICO International Conference on Risk Management in Banks and Financial Markets organized by K. J. Somaiya Institute of Management, Mumbai. (17-18 January 2020).

“Adoption of Bitcoin: A Study on BRICS” at International Conference on Business Interventions for Effective Management of Technology and Innovation, IIM - Sirmaur. (6-7 March 2020).

“Cashless transactions in the pre and post demonetisation era: an assessment in Indian context” at International Conference on Business Interventions for Effective Management of Technology and Innovation organized by IIM, Sirmaur. (6-7 March 2020).

“Impact of COVID-19 Pandemic on the Indian Financial Market” at International Webinar on Contemporary Issues in Business Management and Information Technology (CIBMIT-2020). Amity Business School, Patna. (22-23 June 2020).

“Comprehensive E-learning to E-training guide for administrative work” organized by Teaching Learning Centre(PMMMNTT), Ramanujan College, University of Delhi. (Online Workshop, 25 May – 05 June 2020).

“Managing online classes and Co-creating MOOC: 2.0” organized by Teaching Learning Centre (PMMMNTT), Ramanujan College, University of Delhi (Online FDP, 18 May – 03 June 2020).



“Managing online classes and Co-creating MOOCs” organized by Teaching Learning Centre (PMMMNTT), Ramanujan College, University of Delhi (Online FDP, 20 April – 05 May 2020).

### **Dr. Sushila Kumari Soriya**

“A Comparative Study of Financial Statements prepared under Indian AS and IFRS” at The NorthCap University International Conference on Management (NCUICM) Winning in a VUCA World, School of Management, Gurugram, Haryana. (4 October 2019).

“A Systematic Review on Digital Transformation in SMEs of Emerging Economies” at Indian Economic Association, 102<sup>nd</sup> Annual Conference, AURO University, Surat. (27-29 December 2019).

“Measuring Intellectual Capital Performance: Study of Indian Banking Sector” at Global Leadership Research Conference, Amity University, Noida. (25-27 February 2020)

“Online Education System in India: Analyzing the System from the Learner's Point of View” at National Webinar on The Road Ahead: The Future of Indian Business (Impact of COVID 19 on Managerial Decisions), Bhavdiya Institute of Business Management, Ayodhya. (7 June 2020).

“Impact of Algorithmic Management on Online Food Delivery Business with special reference to Swiggy and Zomato” at International Conference on Survive, Sustain & Grow: Managing Business and Professional Excellence in 21<sup>st</sup> Century, MMMUT, Gorakhpur, U.P., India. (21-22 June 2020)

“Removing the Invisible Wall- The Online Education System of India” at International Conference on Survive, Sustain & Grow: Managing Business and Professional Excellence in 21<sup>st</sup> Century, MMMUT, Gorakhpur, U.P., India. (21-22 June 2020)

“Research Methodology: Tools & Techniques”, Internal Quality Assurance Cell of Atma Ram Sanatan Dharma College, University of Delhi. (Online FDP, 5-11 June 2020).

“Data Analysis for Research in Social Sciences” at Teaching Learning Centre, Ramanujan College, University of Delhi, (Online FDP, 17-30 June 2020).

### **Dr. Sanjay Kumar Patel**

“Principal Components analysis of Economic Empowerment and Decision Making Capability of Women: A Study of SHGs in Rajasthan” at 9<sup>th</sup> Annual SIMSR International Finance Conference (SIFICO-2020), K.J. Somaiya Institute of Management Studies and Research, Mumbai. (17-18 January 2020).

“Does it Pay to be Green? A Study on Impact of Carbon Emission on Financial Performance” at 9<sup>th</sup> Annual SIMSR International Finance Conference (SIFICO-2020), K.J. Somaiya Institute of Management Studies and Research, Mumbai (17-18 January 2020).

“Financial Empowerment and Entrepreneurial Behaviour of SHG Women: An SEM Analysis” at 7<sup>th</sup> AIMS International Conference on Management, IIM, Kozhikode (2-4 January 2020).

“Measurement and Reporting of Carbon Footprints: Valuation Model of Social Cost of Carbon Emissions” at 42<sup>nd</sup> All India Accounting Conference of IAA, JNV University, Jodhpur (28-29 December 2019).

“Accounting Through Artificial Intelligence and Financial Performance: A Case Study of Microsoft Corporation” at 42<sup>nd</sup> All India Accounting Conference of IAA, JNV University, Jodhpur (28-29 December 2019).

“Entrepreneurial Behaviour of SHG Women in Rajasthan: A Principal Component Analysis Model” at International Conference on Entrepreneurship and Management: Challenges, Issues and Opportunities in Global Economy, Vivekanand Global University, Jaipur (9 November 2019)

“Systematic Review and Meta-Analysis” Organised by Research Shiksha- Research Excellence and Data Science Consultancy, Delhi (Online Workshop, 1-5 June 2020).



## Department of Computer Science and Engineering

### Dr. Gaurav Somani

"Various topics in cloud computing security", Workshop on Information Security, IIT Jammu. (13-14 December 2019).

### Mr. Ravi Saharan

"A method to analyse the torn images", 14th India-Japan Bilateral Conference (BICON-2019), Jaipur. (23-25 September 2019).

"A study on methods for Image alignment", International conference on Emerging Challenges, Their Solutions and Recent Advances In Science (SCICON-1), Sikar. (4-5 October 2019).

"Image reassembly method for torn papers", International Conference on Sustainable Computing in Science, Technology and Management SUSCOM-2020, Jaipur, (20 -22 January 2020).

"Identification of Potential Forensic Artifacts in Cloud Storage Application", International Conference on Computer Science, Engineering and Applications (ICCSEA), IEEE 2020. (13-14 March 2020).

### Dr. Muzzammil Hussain

"Generic Framework for Privacy Preservation in Cyber Physical Systems", 4<sup>th</sup> International Conference on Advanced Computing and Intelligent Engineering, Bhubaneswar. (21-23 December 2019).

"Securing Wireless Sensors in Military Applications through Resilient Authentication Mechanism", Third International Conference on Computing and Network Communications (CoCoNet '19), Trivandrum. (18-21 December 2019).

## Department of Data Science & Analytics

### Upasana Talukdar

"Linguistics and Language Sciences: A Quantifying Approach" One-Day Workshop at Dept. of Linguistics, Central University of Rajasthan. (19 February 2020).

"Moodle: How to Design Your Online Course?" Three-day online training program at Nascency Infotech, Aurangabad. (5-7 June 2020).

## Department of Economics

"Construction of Women Empowerment Index: A Critical Study of Self-Help Group Participation in Panchkula District, Haryana" in 56<sup>th</sup> Annual conference of The Indian Econometric Society at Madurai Kamraj University, Madurai. (8-10 January 2020).

"Education and Total Factor Productivity Growth: Cross-Country Differences" 56<sup>th</sup> Annual conference of The Indian Econometric Society at Madurai Kamraj University, Madurai. (8-10 January 2020).

## Department of Education

### Anjali Sharma

"Assessment of Scientific Creativity: A New measure at National Seminar on National Seminar on Innovation and Integration in Education of Modern School Science and Mathematics". RIE, NCERT, Mysuru, Karnataka. (27-29 January 2020).

"Developing Cognitive Abilities in Science Education: Scientific Creativity at National Seminar on Science Education". RIE, NCERT Shillong. (14-15 November 2019).



### **Narendra Kumar**

“Factors Responsible for Psychological Stress among Science Students at National Seminar on Youth in India: Education and Employment”, Mahamaya Rajkiya Mahavidhalaya, Sherkot (Bijnore). (14-15 December 2019).

“Ancient Education System and its Relevance in Present Scenario at the International Conference on Ancient Wisdom, Civilizational Antiquities, and the Contemporary Universe”, Gautam Budha University, Greater Noida and K. M. Government Girls P.G. College, Badalpur. (31 January–02 February 2020).

“Role of Platforms Providing Online Learning in the Era of Global Pandemic at International Webinar on Higher Education in the Era of Global Pandemic (Aspects, Challenges and Prospects)”, N.A.S. P.G. College, Meerut (UP). (16-17 May 2020).

“Mindset of Learners towards Online Learning at International Webinar on COVID-19: A Global Issue”, R.R. P.G. College, Amethi. (23-24 May 2020).

### **Gobind Singh**

“Modern Indian Youth: Prospects & Challenges at International Seminar on Menace of Anti-Social Activities in Educational Institutions”, P.K.R. Jain P.G. College, Ambala, Haryana. (20 July 2019).

### **Sangeeta Yaduvanshi**

“Digital Classroom in COVID Crises: Relevance and Challenges” in International Webinar on Teaching Learning and Virtual World: Psychological and Sociological Perspectives organized by Department of Education, Vasnta College for Women, Varanasi. (09-10 June 2020).

### **Rina Godara**

“Inclusive Education: Case study of Inclusive school Inclusive Education: Present perspectives and Future Prospects” at International IUCTE, Department of Education, M.S. University of Baroda. (21-23 January 2020).

### **Seema Gopinath**

“Nature Based Solutions- a new platform for managing Disaster Risks and its Potential Impacts” in National Seminar on Disaster and Crisis: Preparedness, Management and Resilience. UGC- HRDC, University of Kerala, Society of Innovative Researchers and Academicians (SIRA). (11-12 October 2019).

### **Kanak Sharma**

“Comparison of the effect of Concept Mapping Strategy and Lecture Method on Learning Outcomes in Science” in national Seminar on Learning Outcomes: Best Pedagogical Practices Regional Institute of Education (NCERT), Ajmer. (7-9 March 2019).

## **Department of English**

### **Sanjay Arora**

“Right to English in the Light of New Education Policy: An Eyewash or a Sincere Effort?” Presented at the 14<sup>th</sup> International Conference of ELTAI on Right to English, organized by Amity Institute of English Studies & Research, Amity University, NOIDA. (9-12 October 2019)

### **Bhumika Sharma**

“Philosophizing Spaces: Reconstituting the Poetics of 'Feminine' across Cultures”. Presented at an



International Conference on the 22<sup>nd</sup> General Congress of ICLA organized by University of Macau. (29 July–2 August 2019).

“The Sainthood Redefined: Mira's Poetry in English Translation”. Presented at the III Annual International Conference of Caesurae Collective Society on Cultural Translation and Gender: Performatory Ethics of a Translator. (13-15 September 2019).

“Revival of Gandhian Values in Graphic Representation”. Presented at an International Conference on Gandhi: The Eternal Truth Relevance for Future Generations organized by S.P.C Government College, Ajmer. (18-19 September 2019).

“Staging the Real Life Histrionics: Interplay of Gender and Oral Narratives in Karnad's Naga Mandala”. Presented at an International Conference on Rethinking Theatre, Dramatics and Sustainable Studies organized by Amity University, Jaipur. (15-16 October 2019).

### **Neha Arora**

“Dalit Liberation Movement: Forging New Identity, Re-Building Society”. Presented at a National Conference on Transforming Society through Literature and Social Movements organized by S S Jain Subodh College, Jaipur. (6-7 September 2019).

“(Un)translating Gender in Chughtai's 'Chowthi ka Jowra’”. Presented at the III Annual International Conference of Caesurae Collective Society on Cultural Translation and Gender: Performatory Ethics of a Translator. (13-15 September 2019).

“Let's Talk Depression: Confronting the 'log kya kahenge' Attitude in Gauri Shinde's 'Dear Zindagi’”. Presented at an International Conference on Dcglobalising Disability: Texts and Contexts organized by University of Lucknow, in collaboration with IDSC and PYSSUM. (21-23 October 2019).

“My Land, My Rights: Celebrating Adivasis Protest in Plachimada”. Presented at an International Conference on Tribal Philosophy organized by Tribal Research Institute, Ranchi. (17-19 January 2020).

“Contextualizing Dalit Literature: Defying the Existing, Anticipating New”. Presented at the 19<sup>th</sup> MELOW Conference on Connections/Disconnections Literary Traditions, Continuities & Disruptions organized at Panjab University, Chandigarh. (21-23 February 2020).

### **Devendra Rankawat**

“Selective Use of Gandhian World View in Pseudo Nationalism: A Glimpse of Political Landscape”. Presented at an International Conference on Gandhi: The Eternal Truth Relevance for Future Generations organized by S.P.C Government College, Ajmer. (18-19 September 2019).

“Drama as an Instrument of Social Change: A Note on Karnad”. Presented at a National Seminar on Form, Technique and Concerns of Indian Drama in English, organized by M.V. Shramjeevi College, Janardan Rai Nagar Rajasthan Vidyapeeth. (1-2 March 2020).

### **Ved Prakash**

“It is Indeed in My Name: Contextualizing the Domain of Body within the Domain of Supremacy and Vulnerability”. Presented at a National Conference on 'Comparative Study of African-American and Dalit and Minority Literature' organized by Dyal Singh College, New Delhi. (20-21 August 2019).

“Questioning Death, Embracing Life: A Study of 'Black Lives Matter’”. Presented at a National Conference on Transforming Society through Literature and Social Movements organized by S S Jain Subodh College, Jaipur. (6-7 September 2019).

“Digital Archiving of Resistance through Dalit Camera”. Presented at an International Conference on 'Re-imagi(ni)ng Identities: Challenges, Transgressions and Articulation' organized by IACLALS at Jadavpur University, Kolkata. (5-7 February 2020).





## Department of Environmental Science

### Garima Kaushik

"Bioremediation of Pharmaceutical Wastewater: A sustainable approach" in National conference on Sustainable Development Goals- 2030: Ideas & Innovations for Better Tomorrow, at GD Badaya Memorial Auditorium, Jaipur. (17-18 January 2020)

"Medium Engineering for Biodegradation of Pharmaceutical Industry wastewater" in National conference on Pollution Control Technologies and Sustainable Development- 2019, at department of Chemical Engineering, MNIT, Jaipur. (3-4 October 2019).

### Ritu Singh

'Assessment of dye removal capability of polymer functionalized nanoparticles' at International conference on "Environmental sustainability: Innovations, translational dimensions and way forward," BBA University, Lucknow. (11-12 February 2020).

## Department of Hindi

### Prof. N. Lakshmi Aiyar

"Tamil- Hindi Adhyeta Kosh Nirman (preparation of Tamil- Hindi Dictionary)" workshop, Kendriya Hindi Sansthan Agra. (25 -31 August 2019).

"Tamil- Hindi Adhyeta Kosh Nirman (preparation of Tamil- Hindi Dictionary)" workshop, Kendriya Hindi Sansthan Agra. (28 October – 4 November 2019).

"Tamil- Hindi Adhyeta Kosh Nirman (preparation of Tamil- Hindi Dictionary)" workshop, Kendriya Hindi Sansthan Agra. (25 February - 2 March 2020).

"Jaipur Doordarshan Kendra, an interview as Hindi Laureate from south India" Jaipur. (12 October 2019).

"One Nation- One Literature" a Telugu/Tamil Language expert for the two days National Seminar in IGNOU Delhi. (26-27 September 2019).

## Department of Linguistics

### Dhanapati Shougrakpam

"One-Day Webinar on Reorienting Academic Leadership, Pedagogy and Research in the Time of Crisis", organized by Department of Education, Tezpur University. (30 May 2020).

### Sakshi Bhatia

"Implications of Feature Realization in Hindi-Urdu Copular Sentences" at the 10<sup>th</sup> Formal Approaches to South Asian Languages Conference organized by Ohio State University, USA. (21 March 2020).

## Department of Management

### Tulsee Giri Goswami

"World Congress on Women 2019 : Celebrating the Past, Planning for the Future" at Indian Institute of Science, Bengaluru, Karnataka, India. (8 September 2019).

## Department of Microbiology

### Prof. Pawan K. Dadheech

Webinar on the title "Plants as Immunomodulators in Covid -19 Pandemic" Ranchi women's collage, Ranchi (22 June 2020)



### **Prof. Pradeep Verma**

“Screening and identification of endophytic bacterial strains from *Vigna radiata* and its application in biosorption of heavy metal and dye decolourization. 2nd International Conference on Bioprocess for Sustainable Environment and Energy (ICBSEE-India-2020)”. (05-07 March 2020).

### **Dr. Akhil Agrawal**

“Ten Days Workshop on Teaching Learning Evaluation for Faculty Members of HEIs” under the scheme of Pandit Madan Mohan Malviya National Mission on teachers and teaching (PMMMNMTT), organized by Teaching learning centre at Central University of Rajasthan, Ajmer, Rajasthan. (4-14 November 2019).

“Global Bio India 2019” organized by Department of Biotechnology, India. (21-23 November 2019).

“Biotech Cohort Meeting” organized by Department of Science and Technology, Rajasthan at BISR, Jaipur. (10 January 2020).

“Advance Workshop on “IP, Technology Transfer & Licensing” organized by PIC & TISC, DST GoR in collaboration with Cell for IPR Promotion and Management, DPIIT, Government of India at IIT, Jodhpur. (16-18 January 2020).

### **Dr. Vijay K. Verma**

“Five Days Workshop on Teaching Learning Evaluation for Faculty Members of HEIs” under the scheme of Pandit Madan Mohan Malviya National Mission on teachers and teaching (PMMMNMTT), organized by Teaching learning centre at Central University of Rajasthan, Ajmer, Rajasthan. (5-9 August 2019).

“INSPIRE Faculty Fellowship Review Meeting 2019” organized by Andhra University, Visakhapatnam. (21-23 October 2019).

## **Department of Physics**

### **Brijesh Kumar Singh**

“Two Weeks Global Initiative for Academic Networks (GIAN) advance Course on Principle of Biophotonics” organized by the Department of Electronics & Communication Engineering, Malviya National Institute of Technology, Jaipur. (24 June - 05 July 2019).

“OSA Imaging & Sensing Congresses (COSI-2020)”, presented in an all-virtual, web conference format, USA. (22 - 26 June 2020).

“Conference on Lasers and Electro-Optics (CLEO-2020)”, presented in an all-virtual, web conference format, USA. (11 - 15 May 2020).

“OSA Biophotonics Congress: Biomedical Optics-2020”, presented in an all-virtual, web conference format, USA. (20 - 23 April 2020)

## **Department of Social Work**

### **Dr Jagdish Jadhav**

“Access, Competition and Utilization of Natural Resources: Gender Based Violence among the Pahari and Gujjar Women: Glimpses from Jammu Region” presented in National conference on Gender Based Violence in India: Social Norms, Social Work & Social Change. Faculty of Social Work, MS University Baroda, Gujarat. (7-8 February 2020).

“Understanding Inter-Generational Notions and Perceptions of Women on Gender-Based Violence: A Cross-Sectional Study in Rural Rajasthan” presented in National conference on Gender Based Violence in India: Social Norms, Social Work & Social Change. Faculty of Social Work, MS University Baroda, Gujarat. (7-8 February 2020).



“Gender Based Atrocities and Violence against NT-SNT Women: Narratives of Vulnerable” presented in National conference on Gender Based Violence in India: Social Norms, Social Work & Social Change. Faculty of Social Work, MS University Baroda, Gujarat. (7-8 February 2020).

### **Dr. Subhasis Bhadra**

“Social Entrepreneurship initiatives with the leprosy affected communities across India,” at “1<sup>st</sup> International Conference on Business Management (ICBM2020)” organized by Department of Business Management, Tripura University (Central University), Agartala, Tripura. (27-29 February 2020).

“Gender based violence and vulnerability issues in the context of disaster in India,” at “National Seminar on Gender based violence in India: Social Norms, Social Work and Social Change” organized by Faculty of Social Work, Maharaja Sayajirao University, Baroda, Vadodara, Gujarat. (7-8 February 2020).

“Human Security: Concern for the Children living in border conflict areas of Jammu and Kashmir (J & K),” at “International Conference on South Asia Beyond Terrorism: Peace, Development and Human Security” organized by School, of International Relations and Policies, Mahatma Gandhi University, Kottayam, Kerala. (19-20 December 2019).

“Psychosocial Support- Current Paradigm and Future Perspective,” at “National Workshop on Psychosocial care on Disaster Management- A holistic Approach” organized by NIMHANS in Collaboration with UNDP, USAID, Ministry of Home Affairs, in New Delhi. (18-19 November 2019).

“The Disabled survivors of Disasters: A proposed Model for capability enhancement and empowerment for risk reduction,” at “National Workshop on Disability Inclusive Disaster Management in India,” at Gandhinagar, Gujarat organized by Society for Disability and Rehabilitation Studies, New Delhi. (11-12 July 2019).

### **Dr Shaizy Ahmed**

“The role of Civil Society in sustainable development and environment protection” at “International Seminar on “Role of welfare state in eliminating environmental hazards and promoting sustainable development” organized by Centre for environmental studies, Geeta institute of law, Jaipur. (10 November 2019).

“Water Management Practices in Water Stressed Areas: A Case Study of Rajasthan” at “International Conference on Global Economy, Sustainable Tourism and Climate Change” organized by Department of Geography, University of Rajasthan. (27-29 September 2019).

“Women’s Contribution in Indian National Movement: A Reflection from Past” at “National Conference on “Revisiting Gandhi and Contemporary Mass Movements in History Writing” organized by Department of History and Indian Culture, University of Rajasthan. (5 November 2019).

“Housing Challenges in the lives of migrant workers: A case study of Rajasthan” at “National Conference on “Urban Governance issues and initiatives ” organized by Department of Sociology, University of Rajasthan. (28-29 February 2020).

### **Dr.Rajeev MM**

“Assessing Drought Impact Using Participatory Vulnerability Analysis Framework in the State of Rajasthan, India at “25th Asia-Pacific- Joint Regional Conference on Social Work on Social Work Partnerships Towards an Equal Society- Asia- Pacific Perspective ” organized by NIMHANS Bangalore. (17-20 September 2019).

Conducted “Disaster management workshop” as resource person organised by Amrita University, Coimbatore, Tamilnadu. (26-29 February 2020).



“Gender Based Violence in Disaster Management” at “Gender Based Violence in India: Social Norms, Social Work and Social Change” organized by Baroda School of Social Work, Gujarat. (7-8 February 2020).

“Climate Change and Disaster Risk Reduction A case study from Rajasthan” at “South Asia Beyond Terrorism: Peace, Development and Human Security” organized by School of International relations & Politics, Mahatma Gandhi University, Kottayam. (20 December 2019).

### **Dr. DP Negi**

“Tribal Health Care: Beliefs and Practices among Garasia,” at “National Seminar on Tribal Development” organized by School of Social Sciences, Jaipur National University, Jaipur. (11 January 2020).

“Promoting Reproductive Health and Rights of Women: Role of Social Work Profession” at “National Seminar on Knowledge and Awareness of the Reproductive Rights of Women: Issues and Challenges” in University Five Year Law College, organized by University of Rajasthan, Jaipur. (22 February 2020).

## **Department of Statistics**

### **Dr. Sanjay Kumar**

“Five Days Workshop on Teaching-Learning-Evaluation For Faculty Members of HEIs” TLC, Central University of Rajasthan. (5-9 August 2019).

## **Department of Yoga**

### **Dr Kashinath G Metri**

“Efficacy Effect of Shirodhara as add on therapy with IAYT on anxiety, depression, and Cognition in Centre for Complementary and Integrative Health, Savitribai Phule University, Pune, Maharashtra, (28-30 November 2019). Presentation

“Yoga improves Sleep quality and mental health, and depression among mothers with mentally challenged” at ICIAHP, at Kashi Vidyapeeth, Varanasi. (20 October 2020). Presentation

## **Student's Oral and Poster Presentations**

### **Department of Architecture**

**Mishra, S.**, “The concept of livability” presented a Seminar at Department of Architecture, CURAJ. (17 October 2019).

**Students, 4<sup>th</sup> Semester, M. Arch. (Sustainable Architecture)** “Avoid Single Use Plastic” Poster Competition at Department of Architecture, CURAJ. (11 September 2019).

### **Department of Biochemistry**

**Bandyopadhyaya, S.**, “Arachidonyl dopamine (AADA) inhibits breast cancer cell migration by blocking ERK pathway” at National Symposium on Basic, Translational & Clinical Research in Cancer Biology, Institute of Advanced Research, Gujarat. (11-12 September 2019).

**Bandyopadhyaya, S.**, “Role of an unknown zinc-finger protein induced by cold temperature in tumorigenesis”, at International Symposium on cancer prevention and treatment, Jawaharlal Nehru University, New Delhi. (20-21 February 2020).

**Soni, S.**, “Obesity promotes tumorigenic potential of breast cancer cells”, at International symposium on Cancer prevention and treatment, Jawaharlal Nehru University, New Delhi. (20-21 February 2020).



## Department of Biotechnology

**Sharma N., Nimesh S.** "Development of surface functionalized Poly(lactic-co-glycolic) acid diosgenin nanoparticles and evaluation of their anticancer activity" at National Science Day (NSD2020), Central University of Rajasthan, Ajmer. (28 February 2020).

**Kaushik V., Kumar S., Goyal P.** "*In silico* and *in vitro* assessment reveals Cofilin 1 to be potent for forming amyloid-like structures" at International Conference on Drug Discovery (ICDD)-2020 organized by Schrödinger Inc, USA in collaboration with Birla Institute of Technology and Science (BITS), Hyderabad. (29 February -3 March 2020).

**Kaushik, V.**, attended the International Course on Laboratory Animal Science, Malaysia 2019: FELASA Category B (MICLAS) organized by IIUM Molecular and Cellular Biology Research Cluster (iMolec) in collaboration with the Federation of European Laboratory Animal Science Association (FELASA) and Laboratory Animal Ltd. at the International Islamic University Malaysia (IIUM), Kuantan Campus, Malaysia. (19-30 August 2019).

**Chahar, K.R.**, attended the International Course on Laboratory Animal Science, Malaysia 2019: FELASA Category B (MICLAS) organized by IIUM Molecular and Cellular Biology Research Cluster (iMolec) in collaboration with the Federation of European Laboratory Animal Science Association (FELASA) and Laboratory Animal Ltd. at the International Islamic University Malaysia (IIUM), Kuantan Campus, Malaysia. (19-30 August 2019).

**Kumar, S.**, attended the International Conference on Drug Discovery (ICDD)-2020 organized by Schrödinger Inc, USA in collaboration with Birla Institute of Technology and Science (BITS), Hyderabad. (29 February -3 March 2020).

## Department of Culture and Media Studies

**Singh, D.**, "Dalits in Indian Mediascape: A Comparative Analysis of Dalit's Coverage in Indian Express and National Dastak" in a three-day national media conclave on Communication 4.0: Communication in a Digital Age. Institute of Media Studies, Utkal University, Odisha. (21-23 November 2019).

**Singh, D.**, "Marginalised Voices in Digital Age: A Critical Analysis of National Dastak as an Alternative Media Platform" in a two-day national seminar on Communication and Social Change for the Marginalized and the Underprivileged. Department of Journalism, Kalindi College, Delhi. (5 - 6 September 2019).

## Department of English

**Paliwal N.**, "Literary and Critical Theory" a Workshop at the IIT Ropar. (3-5 July 2019).

**Bhaduri, I.**, "An Existence of Fear: A Reading of Firoz Khan's *Life of Rohingya: A Novel Based on the Life of Rohingya*". Presented at the III Annual International Conference of Caesurae Collective Society on Cultural Translation and Gender: Performatory Ethics of a Translator. Lallgarh Palace, Bikaner (13-15 September 2019).

**Sucheta**, "Nigerian Women and their Biological Identity versus Social Identity: A Racial Analysis of Sefi Atta's Select Stories". Presented at the III Annual International Conference of Caesurae Collective Society



on Cultural Translation and Gender: Performatory Ethics of a Translator. Lallgarh Palace, Bikaner (13-15 September 2019).

### Department of Commerce

**Soni, A.**, “Entrepreneurial Behavior of SHG Women in Rajasthan: A Principal Component Analysis Model” at International Conference on Entrepreneurship and Management: Challenges, Issues and Opportunities in the Global Economy. Vivekananda Global University, Jaipur. (9 November 2019).

**Soni, A.**, “Financial Empowerment and Entrepreneurial Behaviour of SHG Women: An SEM Analysis” at 17th AIMS International Conference. Indian Institute of Management, Kozhikode (2-4 January 2020).

**Soni, A.**, “Principal Component Analysis of Economic Empowerment and Decision-Making Capability of Women: A Study of SHGs in Rajasthan.” at SIMSR International Conference SIFICO, 2020. K.J Somaiya Institute of Management, Mumbai (17-18 January 2020).

**Soni, A.**, “Women in SHGs and Financial Empowerment: An Empirical Investigation in Jaipur District of Rajasthan” International Conference on Effective Management of Technology and Innovation at Indian Institute of Management, Sirmaur (6-7 March 2020).

**Meena, A. K.**, “E-Business Models for Developing Economies” at GIAN workshop in Central University of Rajasthan, Ajmer, Rajasthan (5-9 August 2019).

**Meena, A. K.**, “Short Run Performance of Indian Initial Public Offerings (IPOs) in the National Stock Exchange (NSE) from 2016 to 2019” at SIMSR International Conference SIFICO, 2020. K.J Somaiya Institute of Management, Mumbai (17-18 January 2020).

**Meena, A. K.**, “Performance of Initial Public Offerings in Short Run: A Study of National Stock Exchange” at 8th National Conference on Modern Research in Business Practices, Social Changes and Education System, Banarsidas Chandiwala Institute of Professional Studies, New Delhi (5-6 February 2020).

**Meena, A. K.**, “A Study of IPO Performance in Short-run: An Empirical Study of Indian Capital Market” at HSB 12th Annual National Conference 2020 on Business and Management. Haryana School Of Business, Guru Jambheshwar University of Science & Technology, Hisar, Haryana (6-7 February 2020).

Sharma, D. and **Rathore, J. S.**, “Impact of M&As on the acquirer banks' performance: an empirical analysis of Indian banking sector”, at 26th International Conference on Multidisciplinary Research & Global Innovation in Social Sciences, Management, Business, Education, Tourism & Technology organized by Research Development Association in Goa. (23-24 November 2019).

Verma, R., **Rathore, J. S.**, and Sharma, D., “Cost efficiency gains in M&As: A non-parametric study of the Indian banking sector” at 7th Pan IIM World Management Conference organized by IIM Rohtak. (12-14 December 2019).

Verma, R. and **Rathore, J. S.**, “Industry consolidation, and internal and external determinants of profitability: evidence from Indian commercial banks” at SIFICO International Conference on Risk Management in Banks and Financial Markets organized by K. J. Somaiya Institute of Management, Mumbai. (17-18 January 2020).



**Verma, R., Rathore, J. S.,** and Sharma, D., "Cashless transactions in the pre and post demonetisation era: an assessment in Indian context" at International Conference on Business Interventions for Effective Management of Technology and Innovation organized by IIM, Sirmaur. (6-7 March 2020).

**Rathore, J. S.,** "Managing online classes and Co-creating MOOC: 2.0" organized by Teaching Learning Centre (PMMMNTT), Ramanujan College, University of Delhi. (Online FDP, 18 May - 03 June 2020).

**Hansa,** "How mobile is the Indian Automobile Sector? A post- GST Analysis" at 11th ICOBMIT organized by Prestige Institute of Management, Gwalior. (28-29 December 2019).

**Hansa,** "Goods and Services Tax Fairness Dimension in an Asian Context: The Indian Perspective" at International Conference on "International Taxation and GST Effects on India's Foreign Trade and Investments" organized by Pondicherry University, Pondicherry. (6-7 February 2020).

**Hansa,** "Paper Development workshop (PDW)" at Indian Institute of Management (IIM), Rohtak, (26-28 July 2019).

**Hansa,** "Workshop on Research Methodology and Latest Tools of Data Handling" at Prestige Institute of Management, Gwalior. (21-25 August 2019).

**Hansa,** "Pre-Conference Workshop" at 7<sup>th</sup> PAN IIM World Management Conference. IIM Rohtak, Haryana. (12-14 December 2019).

**Hansa,** Participated in a ICSSR sponsored "Three Day National Webinar on COVID-19 & Indian Economy" at Central University of Gujarat, Gujarat. (9-11 June 2020).

**Yadav, P.,** "Behavior of Mutual Fund Investor's Across the Business Cycle" at International Conference on Entrepreneurship and Management: Challenges, Issues and Opportunities in the Global Economy organized by Vivekananda global university, Jaipur. (9 November 2019).

**Khangarot, G.,** "An overview of Social Entrepreneurship in Tourism" at international conference on Entrepreneurship and Management: Challenges, Issues and Opportunities in the Global Economy, Vivekananda Global University, Jaipur (9 November 2019).

**Meena, P.,** "Two Week Refresher Programme on Research Methodology and Data Analysis" organized by University School of Management Studies, Guru Govind Singh Indraprastha University, Delhi. (04-17 December 2019).

**Meena, P.,** "Technological Transformation in Customer Relationship Management: The Role of Artificial Neural Network" at International Conference on Socio- Cultural and Technological Transformation: Global and Indian organized by Department of Sociology, Sanatan Dharam Government College, Beawar (Ajmer) Rajasthan. (11-12 October 2019).

**Meena, P.,** "Electronic Customer Relationship Management Practices in Insurance Industry: Consequences and Challenges" at International Conference on Business Agility in Volatile Times organized by Mittal School of Business, Lovely Professional University, Jalandhar, Punjab. (7-8 November 2019).



**Meena, P.**, "The Role of Artificial Neural Network in Customer Relationship Management" at International Conference on Entrepreneurship and Management Challenges, Issues and Opportunities in the Global Economy organized by Department of Management Studies and Commerce, Vivekananda Global University, Jaipur, Rajasthan. (09 November 2019).

**Meena, P.**, "Application of Blockchain Technology in the Insurance Industry" at 6<sup>th</sup> Somaiya International Conference on Technology and Information organized by K.J. Somaiya Institute of Management Studies and Research, Vidyavihar, Mumbai. (10-11 January 2020).

**Meena, P.**, "Technological Transformation and Customer Relationship Management in Indian Insurance Sector" at International Conference on Business Interventions for Effective Management of Technology and Innovation Organized by IIM Sirmaur, Himachal Pradesh. (6-7 March 2020).

**Kumari, P., & Patel, S. K.**, "Carbon Accounting: A Theoretical Perspective for Sustainability" at International Conference on Knowledge and Policy for Sustainable Development: Global Lessons and Local Challenges. Guru Gobind Singh Indraprastha University, New Delhi. (25-27 September 2019).

**Patel, S. K., & Kumari, P.**, "Does it pay to be green? A study on impact of carbon emissions on financial performance" at 7<sup>th</sup> PAN IIM World Management Conference. IIM Rohtak, Haryana. (12-14 December 2019).

**Patel, S. K., & Kumari, P.**, "Measurement and Reporting of Carbon Footprints: An Empirical Study of Valuation Models of Social Cost of Carbon Emissions" at 42<sup>nd</sup> All India Accounting Conference and International Seminar on Accounting Education and Research. Jai Narain Vyas University, Jodhpur. (28-29 December 2019).

**Patel, S. K., & Kumari, P.**, "Does it Pay to be Green? A Study on the Impact of Carbon Emissions on Financial Performance" at SIMSR International Finance Conference. K. J. Somaiya Institute of Management Studies and Research, Mumbai. (17-18 January 2020).

**Soriya, S., Ittoop, J., and Kadian, P.** "A Comparative Study of Financial Statements prepared under Indian AS and IFRS" at International Conference on Management (NCUICM) - "Winning in a VUCA World" organized by NorthCap University, Gurugram, Haryana (4 October 2019).

**Soriya, S. and Kadian, P.**, "Intellectual Capital Performance of Indian Automobile Industry" at 7<sup>th</sup> PAN-IIM World Management Conference organized by Indian Institute of Management (IIM), Rohtak, Haryana. (12-14 December 2019).

**Kadian, P.**, "A comparative analysis of Intellectual Capital performance of Indian Public and Private Sector Banks" at 8<sup>th</sup> National Conference on Modern Research in Business Practices, Social Changes and Education System organized by Banarsidas Chandiwala Institute of Professional Studies (BCIPS), New Delhi. (5-6 February 2020).

**Soriya, S. and Kadian, P.**, "Measuring Intellectual Capital Performance: Study of Indian Banking Sector" at 5<sup>th</sup> Global Leadership Research Conference organized by AMITY University, NOIDA, Uttar Pradesh. (25-27 February 2020).





**Sam. S.**, “Cost and Profit Efficiencies of the Indian Banks: An Application of Fourier-Flexible Functional Stochastic Frontier Analysis” at International Conference on Entrepreneurship and Management: Challenges, Issues and Opportunities in the Global Economy. Vivekananda Global University, Jaipur. (9 November 2019).

**Sam. S.**, “Impact of Working Capital Management on the Profitability: A Study of Maruti Suzuki India Limited” at 26<sup>th</sup> International Conference on Multidisciplinary Research & Global Innovation in Social Sciences, Management, Business, Education, Tourism & Technology. RDA, Goa. (23-24 November 2019).

**Sam. S.**, “Relationship between Macro Variables and Bitcoin: Evidence from Indian Market” at 17<sup>th</sup> AIMS International Conference. IIM – Kozhikode. (2-4 January 2020).

**Sam. S.**, “Impact of Fraud Announcement on the Stock Prices: Analysis of Indian Banks” at 17<sup>th</sup> AIMS International Conference. IIM – Kozhikode. (2-4 January 2020).

**Sam. S.**, “Effect of Demonetisation on Cashless Transactions in India” at Global Leadership Research Conference. Amity Business School, Noida. (25-27 February 2020).

**Sam. S.**, “Adoption of Bitcoin: A Study on BRICS” at International Conference on Business Interventions for Effective Management of Technology and Innovation. IIM - Sirmaur. (6-7 March 2020).

**Sam. S.**, “Impact of COVID-19 Pandemic on the Indian Financial Market” at International Webinar on Contemporary Issues in Business Management and Information Technology (CIBMIT-2020). Amity Business School, Patna. (22-23 June 2020).

**Sahoo, M.**, "Workshop on Linguistics and Language Sciences: A Quantifying Approach." Department of Linguistics, Central University of Rajasthan, Ajmer, India. (19 February 2020).

**Sahoo M. & Sethy U.**, "Analytical Study of Micro, Small and Medium Enterprises (MSMEs) in India: A Comparison of Output, Growth, Employment, and Exports" at National Seminar on Role of Micro, Small and Medium Enterprises (MSMEs) in Sustainable Economic Development. (J 22 January 2020).

**Rastogi, P.** “Ten Days Research Methodology Course for M.Phil./Ph.D./PDF Scholars in Social Sciences” at Department of Management, BITS Pilani, Pilani and sponsored by ICSSR, New Delhi. (17-26 February 2020).

**Pandey S., Vandana** “Financial empowerment of women through indigenous industries of Rajasthan: A Case Study of Indigenous Industries of Tilonia” at BITS, Pilani. (29-31 March 2019).

**Pandey S.Giri A. & Guru S.** “Artificial Intelligence in Accounting: Prospects and challenges” at 42<sup>nd</sup> All India Accounting Conference and International Seminar on Accounting Education and Research. Jai Narain Vyas university, Jodhpur. (28-29 December 2019).

**Pandey S.&Vaishnav V.** “Business Plan on Online Transport management System” by DAV PG College, BHU Varanasi. (21 May 2020) (Best Paper Award).

**Pandey S., Vandana & Vaishnav V.** “A Study of Rural Marketing Strategies of FMCG –with special



reference of HUL and Dabur” at International Conference organized by Madan Mohan Malaviya University of Technology in collaboration with IEEE Indian Council (21-22 June 2020).

**Pandey S., Vandana & Vaishnav V.** “Impact of COVID -19 on Indian MSMEs: A Road Towards Atmanirbhar Bharat” at National Webinar organized by Jhunjhunwala PG College in association with Indian Accounting Association, Awadh (15 June 2020).

**Pandey S., Vandana & Vaishnav V.** “The Revival of MSMEs and Atmanirbhar Bharat: A Policy Option” at International Conference organized by Madan Mohan Malaviya University of Technology in collaboration with IEEE Indian Council (21-22 June 2020).

**Vandana, Rajpurohit S. & Vaishnav V.** “Accounting for Intangibles (AS-26) in Indian Context” in 42 All India Conference & International Seminar on Accounting Education and Research organized by JNVU Jodhpur in association with Indian Accounting Association. (28-29 December 2019).

**Rajpurohit S.** “Impact of Algorithmic Management on Online Food Delivery Business With Special Reference to Swiggy and Zomato” at International Conference organized by Madan Mohan Malaviya University of Technology in collaboration with IEEE Indian Council (21-22 June 2020).

**Riidhi,** “online Education System in India: Analyzing the System from Learner's Point of View” at National Webinar organized by Bhavdiya Institute of Management in association with Indian Accounting Association. Ayodhya (07 June 2020).

**Riidhi,** “Removing the Invisible Wall- The online Education System of India” at International Conference organized by Madan Mohan Malaviya University of Technology, Gorakpur, in collaboration with IEEE Indian Council. (21-22 June 2020).

### **Department of Computer Science and Engineering**

**Hany Kumar,** “Identification of Potential Forensic Artifacts in Cloud Storage Application”, International Conference on Computer Science, Engineering and Applications (ICCSEA) , IEEE 2020. (13 – 14 March 2020).

**Rakesh Prasad,** “Blockchain Technology for HealthCare Data”, Advances in Intelligent Syst., Computing, Vol. 1187, et al: RISING THREATS IN EXPERT APPLICATIONS AND SOLUTIONS. , (17 – 19 January 2020).

### **Department of Education**

**Sukanya Singh.** “Rethinking on Gandhian Nai Talim (Basic Education)” at NIT Arunachal Pradesh. (27-28 September 2019).

**Sukanya Singh,** “Value based happiness curriculum: Happy Teacher =Happy Class” at St. John's College Agra. (18 February 2020).

**Sukanya Singh,** “Why the school makes differences: effective leadership practices” at NCERT Delhi. (26-28 February 2020).



## Department of Environmental Science

**Sharma, A.,** Singh, R., "Nanofertilizers for the improvement of crop production and nutrient uptake", International conference on chemical, Bio and Environmental engineering (CHEMBIOEN-2020), NIT Jalandhar (13-14 February 2020).

**Kumar M.,** Kumar, A., "Spatiotemporal Patterns of Land Use/Land Cover Change (LULC) of Sambhar Playa in Rajasthan, India between 1993 and 2015", National Conference on Recent Trends in Environmental Pollution and Disaster Risk Reduction, FICCI, New Delhi. (6-7 February 2020).

**Garg, V.,** Kumar, A., "Hydrochemical status of groundwater in the Churu and Rajsamand district of Rajasthan", National Conference on Recent Trends in Environmental Pollution and Disaster Risk Reduction, FICCI, New Delhi. (6-7 February 2020).

**Dashora, M.,** Kumar, A., "Hydrochemical characterization and groundwater quality assessment using entropy water quality index (EWQI) in the central part of Bhilwara district Rajasthan", National Conference on Recent Trends in Environmental Pollution and Disaster Risk Reduction, FICCI, New Delhi. (6-7 February 2020).

**Kumar, S.,** Kaushik, G., "Prosopis juliflora biochar: A sustainable alternative source for high energy density solid fuel production", International workshop on Water-Energy-Food Nexus Approach for Making Path of Sustainable Development Goals (SDGs) to the Country Actions CURA], Rajasthan. (25-26 June 2019).

**Kumar, S.,** Kaushik, G., "Cadmium removal from water using thermally engineered biochar: A sustainable and cost effective sorbent", National conference on Issues and challenges in water treatment and allied research for sustainable environment, IIT-Guwahati. (23– 25 January 2020).

**Kumar, S.,** Kaushik, G., "Utilization potential of metal sorbed biochar in soil amelioration and as solid fuel", 14th International conference on Ecomaterials, CSIR-NIIST Thiruvananthapuram. (5-7 February 2020).

**Dar, M.A.,** Kaushik, G., "Pesticides: Contamination status, associated impacts and bioremediation potential of bacterial communities", International Conference on "Chemical, Bio & Environmental Engineering" (CHEMBIOEN-2020), Department of Chemical Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar-144011, Punjab. (13-14 February 2020).

## Department of Microbiology

**Himanshu K Bairwa,** "Extraction of UV Absorbing Compound from Cyanobacteria" at 60<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI-2019) and International Symposium on Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and Health at Central University of Haryana, Mahendergarh, Haryana, India. (15-18 November 2019).

**Prem Raj Meena,** "Extraintestinal Pathogenic Escherichia coli (ExPEC) is backyard and broiler chickens of Rajasthan, India" at 60<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI-2019) and International Symposium on Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and Health at Central University of Haryana, Mahendergarh, Haryana, India. (15-18 November 2019).



**Vijay Veer Saharan**, "Resistance of E. coli, Salmonella spp. and S. aureus to antimicrobials of human and veterinary importance in poultry-farms and poultry-retail shops of India" at 60<sup>th</sup> Annual Conference of Association of Microbiologists of India (AMI-2019) and International Symposium on Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and Health at Central University of Haryana, Mahendergarh, Haryana, India. (15-18 November 2019).

### Department of Pharmacy

**Thotakura, N.**, "Delivery of docetaxel employing functionalized carbon nanocarriers for effective breast cancer management" at International Conference ICONICA 2020 - A Global Summit on "Next-Gen Paradigms in Health Care", to be held at Panjab University, Chandigarh. (13-14 February 2020).

**Parashar, S.**, "Exploration of PEGylated carbon nanotubes-tethered mangiferin for glioblastoma" at International Conference ICONICA 2020 - A Global Summit on "Next-Gen Paradigms in Health Care", to be held at Panjab University, Chandigarh. (13-14 February 2020).

**Misra, C.**, "Glycinated fullerenes for intracellular delivery of tamoxifen: enhanced anti cancer potential and improved pharmacokinetics" at International Conference ICONICA 2020 - A Global Summit on "Next-Gen Paradigms in Health Care", to be held at Panjab University, Chandigarh. (13-14 February 2020).

**Chaurawal, N.**, "Propylene glycol-based liposomes for the topical delivery of etodolac" at International Conference ICONICA 2020 - A Global Summit on "Next-Gen Paradigms in Health Care", to be held at Panjab University, Chandigarh. (13-14 February 2020).

**Dule, S.**, "Microemulsion based topical formulation of eberconazole" at International Conference ICONICA 2020 - A Global Summit on "Next-Gen Paradigms in Health Care", to be held at Panjab University, Chandigarh. (13-14 February 2020).

**Quadir, S. S.**, "Microemulsion based topical formulation of eberconazole" at International Conference ICONICA 2020 - A Global Summit on "Next-Gen Paradigms in Health Care", to be held at Panjab University, Chandigarh. (13-14 February 2020).

**Tanjina, Y.**, "Topical antifungal nanogel using silver nanoparticles" at International Conference ICONICA 2020 - A Global Summit on "Next-Gen Paradigms in Health Care", to be held at Panjab University, Chandigarh. (13-14 February 2020).

**Rani, S.**, "Design, synthesis and characterization of biotinylated polymeric micelles to combat breast cancer" at AAPS Pharm Sci 360- 2019 organized by American Association of Pharmaceutical Scientists (AAPS) at San Antonio, Texas, USA. (3-6 November 2019).

**Saini, N.**, Attended symposium on recent advances in bioorganic and medicinal chemistry (RABMC-2019) at NIPER, Mohali, Punjab. (30 August 2019).

**Pandit, A.**, Attended symposium on recent advances in bioorganic and medicinal chemistry (RABMC-2019) at NIPER, Mohali, Punjab. (30 August 2019).

**Khan, M.**, Attended symposium on recent advances in bioorganic and medicinal chemistry (RABMC-





2019) at NIPER, Mohali, Punjab. (30 August 2019).

**Sharma, M.**, Attended symposium on recent advances in bioorganic and medicinal chemistry (RABMC-2019) at NIPER, Mohali, Punjab. (30 August 2019).

**Verma, P.**, Attended symposium on recent advances in bioorganic and medicinal chemistry (RABMC-2019) at NIPER, Mohali, Punjab. (30 August 2019).

**Pandey, V.**, Attended symposium on recent advances in bioorganic and medicinal chemistry (RABMC-2019) at NIPER, Mohali, Punjab. (30 August 2019).

**Ansari, A. J.**, Attended symposium on recent advances in bioorganic and medicinal chemistry (RABMC-2019) at NIPER, Mohali, Punjab. (30 August 2019).

**Satish, E.**, Attended symposium on recent advances in bioorganic and medicinal chemistry (RABMC-2019) at NIPER, Mohali, Punjab. (30 August 2019).

**Satish, E.**, Attended TRI-2019 at S.P. College, Pune, Maharashtra. (14-15 February 2020).

### Department of Physics

**Meena, H. K.**, Mamata, Singh, B. K., "Modulation of optical energy in the higher-order Hermite-Gaussian mode", at International Conference on Optics and Electro-optics (ICOL-2019), XLIII Symposium of Optical Society of India organized by Instruments Research & Development Establishment (IRDE) Dehradun. (19-22 October 2019).

**Meena, H. K.**, Singh, B. K., "Optimization of optical energy in the higher-order laser modes" at International Symposium on Photonics and Plasmonics (ISPP-2019), organized by Department of Physics, Central University of Rajasthan. (23-24 September 2019).

### Non-Teaching staff and their endeavours:

#### Invited Lecture/Keynote/Session Chaired

##### Dr. Vijayakumar M., Librarian

Research Metrics in Academic Environment, lecture delivered at UGC sponsored online Refresher Course – Library & Information Science for teacher participants on 05-09-2020, Conducted by Sant Gadge Baba Amravati University, Amravati, Maharashtra

Mendeley: A Reference Management Tool, lecture delivered at online lecture series (webinar) entitled Library and Information Science in the Context of Changing Environment conducted by Dept. of LIS, Mahatma Gandhi Central University, Bihar during May 21 to June 6 2020

Social Networking Tools in the Life of LIS Professionals, Lecture delivered at National Seminar on Social Media & Librarianship held at Mizoram University during 26-28 February 2020

Urkund: Plagiarism Checking Tool to bridge the gap of Academic Integrity, delivered a lecture at a workshop organised by MDS University Ajmer on February 20 2020.

Mendeley: A Reference Management Tool, LECTURE delivered under Development Programme at Bennett University (Times of India Group), Noida, Uttar Pradesh on 17-01-2020

Research Metrics, LECTURE delivered under Development Programme at Bennett University (Times of India Group), Noida, Uttar Pradesh on 17-01-2020



Unpacking the plagiarism for Academic Integrity, Lecture delivered at Two Week Capacity Building Programme for Young Social Science Faculty Members organised by MPISRR, Ujjain from 14 to October 25 2019.

Information Literacy in the Research Environment, Lecture delivered at Two Week Capacity Building Programme for Young Social Science Faculty Members organised by MPISRR, Ujjain from 14 to October 25 2019.

Open Educational Resources, lecture delivered at UGC-HRDC Workshop on MOOCs, e-content development and Open Educational Resources, organised by University of Rajasthan, Jaipur during 7-12 October 2019

Evaluation of Electronic Resources, lecture delivered at I-KOAL 2019 Organised by Sardar Patel University and Library Professional Association at Anand, Gujarat during 12-13 September 2019

Evaluation of Research Output, lecture delivered at Five Days Workshop on Research Informed and Research-Oriented Teaching in Pharmaceutical Sciences during 20-24 August 2019 organised by The Teaching-Learning Centre [funded by MHRD New Delhi], Central University of Rajasthan

Mendeley: A Reference Management Tool, lecture delivered at 6th National Conference on "Institutional Repositories and Research Data Management: Role of Libraries" (10-11 August 2019) at Shri Jagdish Prasad Jhabarmal Tiberwala University, Jhunjhunu.

Author Level Metrics, lecture delivered at Five Days Workshop on Teaching-Learning Evaluation for Faculty Members of HEIs from 5th - 9th August 2019, organised by The Teaching-Learning Centre [funded by MHRD New Delhi], Central University of Rajasthan.

## **Oral and Poster Presentations**

### **Dr. Vijayakumar M, Librarian**

Publication Productivity and Web Visibility of South Indian LIS Faculty Members: An Analysis, at 7th International Conference on Libraries, Information and Society-2019 (ICoLIS-2019), 18-19th April 2019, Hatten Hotel, Malacca, Malaysia.

Use of Electronic Gadgets by LIS Professionals to Access Social Networking sites, International Conference on Digital Technologies and Transformation in Academic Libraries, during 26-28 December 2019 at National Institute of Technology Surathkal, Mangaluru, Karnataka, India

Use of Social Networking Sites in Information and Communication Environment, at National Seminar on Social Media & Librarianship held at Mizoram University during 26-28 February 2020

Research Visibility in Higher Education Institutes of Rajasthan, 2nd LIS Academy Conference on "INNOVATIONS IN LIBRARIES" from 6-8 June 2019 at VTU, Belagavi, Karnataka

### **Mrs. Sobhagyawati Gupta, Assistant Librarian**

A study on Innovation in Public Library Services in Digital Era, National Conference on Revisiting Public Library Services in Current Scenario' (NCRPLS - 2019) held at Department of Library and Information Science, University of Rajasthan, Jaipur on 12-13 October, 2019.

### **Saroj Kumar Panda, Assistant Librarian**

A Bibliometric Analysis of Research Publications of the Central University of Rajasthan for the Period 2009-2018. 8th IoS National Conference, 2019, 230-241.

## **Participated in conference/ Seminars /Webinars**

### **Dinesh Kumar Aggarwal, Finance Officer**

Attended the Residential Training Programme on "Effective Office Administration & Financial





Management" organized by National Productivity Council and implemented by Economic Service Group from January 20-24, 2020 at Port Blair, A&N Island.

### **Dr. Vijayakumar M, Librarian**

International Conference on Digital Technologies and Transformation in Academic Libraries (DigiTTAL 2019) during December 26-28, 2019.

NDLI-UNESCO International Symposium on Knowledge Engineering for Digital Library Design during 9-11 December 2019 at IIT Delhi.

International Conference on Digital Technologies and Transformation in Academic Libraries (DigiTTAL 2019) during December 26-28, 2019

2<sup>nd</sup> LIS Academy Conference on "INNOVATIONS IN LIBRARIES" from 6-8 June 2019 at VTU, Belagavi, Karnataka.

### **Sobhagyawati Gupta, Assistant Librarian**

National Conference on Revisiting Public Library Services in Current Scenario' (NCRPLS - 2019) to be held at Department of Library and Information Science, University of Rajasthan, Jaipur on 12-13 October, 2019.

### **Saroj Kumar Panda, Assistant Librarian**

One week National Level Online Faculty Development Programme on Research Methodology : Emerging Prospectives, Challenges and Opportunities" from 25-31 July 2020 and obtained A Grade.

## **Other Achievements**

### **Dr. Vijayakumar M, Librarian**

#### **PhD Thesis Adjudicated-**

Mr. Pappu Ram Meena, Responsiveness and Utilisation of Electronic Resources in Medical College Libraries in Rajasthan: An Analytical study for developing Consortium, Banasthali Vidyapath, Rajasthan, Research Guide: Dr. Shesh Mishra 2020

Mr. Prabhu G Gaddimani, Information Seeking and Research Behaviour in Digital Environment: A Study of Research Scholars in Social Science, Tata Institute of Social Science, Mumbai, Maharashtra, Research Guide: Dr. Satish Kanmadei, 2020

Mr. Joseph Anburaj A, Consortium Based E-Resources and Its Utilisation among the Engineering College Libraries: A Study on Central and Southern Tamil Nadu, Manonmaniam Sundaranar University Tirunelveli, Tamil Nadu, Research Guide: Dr. S. Srinivasa Ragavan. 2020

Mr Umesh S.D, An Empirical Study on Status and Utilisation of Library and Information Resources by the Faculty and Students of Medical College and Research Institutions at Bangalore, Bharathiar University, Coimbatore, Tamil Nadu, Research Guide: Dr K Divyananda, 2020

MKG Rajev, Bibliometric Analysis of Soil Science Research, Madurai Kamaraj University, Madurai, Tamil Nadu, Research Guide: Dr. B. Suresh, 2019

### **Member of Board of Studies**

Board Member of School of Library and Information Science, Central University of Gujarat (2017-18 to 2019-20).

**Sobhagyawati Gupta, Assistant Librarian**

Board Member of Department of Library and Information Science, Sophia Girls' College, Ajmer, for Academic Session 2019-20 to 2020-21.

Successfully completed 16 weeks Online Refresher Courses in Teaching (ARPIT) in Library and Emerging Trends & Technologies in Library & Information Services (ETTLIS) held on SWAYAM and organized by IIT, Delhi and with 'A' Grade, 01 September 2019- 31 December 2019.

**Saroj Kumar Panda, Assistant Librarian**

Successfully completed 16 weeks Online Refresher Courses in Teaching (ARPIT) in Library and Emerging Trends & Technologies in Library & Information Services (ETTLIS) held on SWAYAM and organized by IIT, Delhi and with 'A' Grade, 01 September 2019- 31 December 2019.

**Mr. Vineet Prakash Bishnoi, Assistant**

Secured 1st and 2nd positions in Hindi Pakhwada-2019 held in Central University of Rajasthan from 01.09.2019 to 15.09.2019.

- Secured 1st rank and got prize in Hindi Translation competition held from 01.09.2019 to 15.09.2019.
- Secured 2nd rank in Hindi Typing competition (Unicode)







## Faculty Publications

### A. JOURNAL PUBLICATIONS

#### Department of Architecture

##### Neeraj Gupta

George, A. G.; Gupta, N.; Bansal, V. (2020), Effect of Instructional Space Design on Students performance. Published in *PRAGYAAN* 2020 Journal in February 2020.

##### Ritu B. Rai

Divakaran, S.; Rai, R. B.; Bansal, V. (2020), Flood Resilient Sustainable Building Construction and Adaption of Sinking Island of Kerala. Published in *PRAGYAAN* 2020 Journal in February 2020.

#### Department of Atmospheric Science

##### Someshwar Das

Agnihotri, G.; Gouda, K. C.; Das, S. (2020), Characteristics of pre-monsoon convective systems over south peninsular India and neighborhood using tropical rainfall measuring mission's precipitation radar. *Meteorology and Atmospheric Physics*, <https://doi.org/10.1007/s00703-020-00740-7>. **Impact Factor = 1.742**

Das, M. K.; Chowdhury, M. A. M.; Das, S.; Karmakar, S.; Saha, S. K. (2019), Physical and dynamical characteristics of MCS associated with Squalls and their simulation using WRF Model. *The Atmosphere*, 8, 33-42. **Impact Factor = 2.397**

##### Subrat Kumar Panda

Panda, S. K.; Hong, M.-J.; Dash, S. K.; Oh, J.-H.; Pattnayak, K. C. (2020), Relative roles of Eurasian snow depth and sea surface temperature in Indian and Korean summer monsoons based on GME Model simulations. *Earth and Space Science*, [doi.org/10.1029/2020EA001105](https://doi.org/10.1029/2020EA001105). **Impact Factor = 2.3**

##### Devesh Sharma

Babel, M. S.; Shinde, V.; Sharma, D.; Dang, N. M. (2020), Measuring water security: A vital step for climate change adaptation. *Environmental Research*, 185:109400, [doi:10.1016/j.envres.2020.109400](https://doi.org/10.1016/j.envres.2020.109400). **Impact Factor = 5.026**

Dubey, S. K.; Sharma, D.; Babel, M. S.; Mundetia, N. (2020), Application of hydrological model for assessment of water security using multi-model ensemble of CORDEX-South Asia experiments in a semi-arid river basin of India. *Ecological Engineering*, 143, <https://doi.org/10.1016/j.ecoleng.2019.105641>. **Impact Factor = 3.40**

##### Chinmay Mallik

Fischer, H.; Axinte, R.; Bozem, H.; Crowley, J. N.; Ernest, C.; Gilge, S.; Hafermann, S.; Harder, H.; Hens, K.; Janssen, R. H. H.; Königstedt, R.; Kubistin, D.; Mallik, C.; Martinez, M.; Novelli, A.; Parchatka, U.; Plass-Dülmer, C.; Pozzer, A.; Regelin, E.; Reiffs, A.; Schmidt, T.; Schuladen, J.; Lelieveld, J. (2020), Diurnal variability, photochemical production and loss processes of hydrogen peroxide in the boundary layer over Europe. *Atmospheric Chemistry and Physics*, [doi.org/10.5194/acp-19-11953-2019](https://doi.org/10.5194/acp-19-11953-2019). **Impact Factor = 5.4**



## Department of Biochemistry

### Sanjib Kumar Panda

Agrahari, R. K.; Singh, P.; Koyama, H.; Panda, S. K. (2020), Plant-microbe Interactions for Sustainable Agriculture in the Postgenomic Era. *Current Genomics*, 21(3), 168-178. **Impact Factor = 2.630**

Agrahari, R.K.; Kobayashi, Y.; Borgohain, P.; Panda, S.K.; Koyama, H. (2020), Aluminum specific upregulation of GmALS3 in the shoots of soybean: A potential biomarker for managing soybean production in acidic soil regions. *Agronomy*, In Press. **Impact Factor = 2.603**

Dey, S.; Regon, P.; Kar, S.; Panda, S. K. (2020), Chelators of iron and their role in plant's iron management. *Physiology and Molecular Biology of Plants*, 1-9. **Impact Factor = 2.005**

Saradia, Kar; Hans-Jörg, M.; Hadeel, K.; Heithem, B. A.; Samantha, F., Caludia, F. S.; Andrea, B.; Guosheng, X.; Lianguang, S.; Panda, S.K.; Petra, B.(2020), Transcriptomic expression patterns of two contrasting lowland rice varieties reveal high iron stress tolerance. *BioRxiv*, doi: <https://doi.org/10.1101/2020.05.01.070516>

Chowardhara, B.; Borgohain, P.; Saha, B.; Awasthi, J. P.; Panda, S. K.(2020), Differential oxidative stress responses in *Brassica juncea* (L.) Czern and Coss cultivars induced by cadmium at germination and early seedling stage. *Acta Physiologiae Plantarum*, 42, 1-12. **Impact Factor = 2.078**

Kar, S.; Panda, S. K. (2020), Iron homeostasis in rice: Deficit and excess. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*, 90(2), 227-235. **Impact Factor = 0.396**

Saha, B.; Swain, D.; Borgohain, P.; Rout, G. R.; Koyama, H.; Panda, S. K. (2020), Enhanced exudation of malate in the rhizosphere due to AtALMT1 overexpression in blackgram (*Vigna mungo* L.) confers increased aluminium tolerance. *Plant Biology*, 22(4): 701-708. **Impact Factor = 2.393**

Devi, S. S.; Saha, B.; Awasthi, J. P.; Regon, P.; Panda, S. K. (2020), Redox status and oxalate exudation determines the differential tolerance of two contrasting varieties of 'Assam tea'[*Camelia sinensis* (L.) O. Kuntz] in response to aluminum toxicity. *Horticulture, Environment, and Biotechnology*, 1-15, **Impact Factor = 1.606**

Upadhyaya, H.; Shome, S.; Tewari, S.; Bhattacharya, M. K.; Panda, S. K. (2020), Responses to ZnO Nanoparticles During Water Stress in *Oryza sativa* L. *Journal of Stress Physiology & Biochemistry*, 16(2).  
Devi, S. S.; Saha, B.; Panda, S. K.(2020), Differential Loss of ROS homeostasis and activation of anti oxidative defense response in tea cultivar due to aluminum toxicity in acidic soil. *Current Trends in Biotechnology & Pharmacy*, 14(1).

Devi, S. S.; Panda, S. K. (2019) Metabolite Fingerprinting of Assam Tea (*Camellia sinensis* L.(O) Kuntze) Under Aluminium Stress. *In Proceedings of International Symposium on A New Era in Food Science and Technology*.

Thounaojam, T. C.; Meetei, T. T.; Panda, S. K.; Upadhyaya, H. (2019), North East India Rice Genotypes: Screening of Arsenic Tolerant and Sensitive Rice at Germinating Stage. *Journal of Stress Physiology & Biochemistry*, 15(4).



Saha, B.; Chowardhara, B.; Kar, S.; Devi, S. S.; Awasthi, J. P.; Moulick, D.; Panda, S. K. (2019), Advances in Heavy Metal-Induced Stress Alleviation with Respect to Exogenous Amendments in Crop Plants. In Priming and Pretreatment of Seeds and Seedlings. *Springer, Singapore*, 313-332.

### Chandi C. Mandal

Jain, S.; Bhar, K.; Bandyopadhyaya, S.; Kumar S.; Mandal, C. C.; Tapryal, S.; Sharma, A. K. (2020), Development, Evaluation and Effect of Anionic Co-ligand on the Biological Activity of Benzothiazole Derived Copper (II) Complexes. *Journal of Inorganic Biochemistry*, 2020. **Impact Factor = 3.3**

Sharma, T.; Mandal, C. C. (2020), Omega-3 Fatty Acids in Pathological Calcification and Bone Health. *Journal of Food Biochemistry*, 2020. **Impact Factor = 1.4**

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Mandal, C. C.; Panwar, M. S. (2020), Can the Summer Temperatures Reduce COVID-19 Cases? *Public Health*, 2020, June 7, *Publisher: Elsevier*, **Impact Factor = 1.7**

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Sharma, T.; Sharma, A.; Maheshwari, R.; Pachori, G.; Kumari, P.; Mandal, C. C. (2019), Docosahexaenoic acid (DHA) inhibits BMP-2 elevated osteoblast potential of metastatic breast cancer cells (MDA-MB-231) in mammary microcalcification. *Nutrition and Cancer*, *Publisher: Taylor and Francis*. **Impact Factor = 2.029**

### Vishvanath Tiwari

Biswas, D.; Tiwari, M.; Tiwari, V. (2019), Molecular mechanism of antimicrobial activity of chlorhexidine against carbapenem-resistant *Acinetobacter baumannii*. *PLoS ONE*, 14 (10), e022410. **Impact Factor = 2.8**

Tiwari, M.; Kumar, P.; Tejavath, K. K.; Tiwari, V. (2020), Assessment of molecular mechanism of gallate-polyvinylpyrrolidone-capped hybrid silver nanoparticles against carbapenem-resistant *Acinetobacter baumannii*. *ACS Omega*, 5, 1206-1213. **Impact Factor = 2.6**

Sharma, S.; Tiwari, M.; Tiwari, V. (2020), Molecular mechanisms of bacteria induced autophagy and its escape strategies. *Future Microbiology*, 15 (5), 303-306. **Impact Factor = 2.8**

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### Vijay Kumar Prajapati

Sharma, V.; Chouhan, P.; Pandey, R. K.; Ojha, R.; Aathmanathan, V. S.; Krishnan, M.; Prajapati, V. K. (2020), Immunoglobulin interface redesigning to enhance lebrizumab mediated immunomodulation of IL-13 hyper-response. *Journal of Biomolecular Structure and Dynamics*, doi: 10.1080/07391102.2020.1773316. **Impact Factor = 3.310**

Naik, B.; Gupta, N.; Ojha, R.; Singh, S.; Prajapati, V. K.; Prusty, D. (2020), High throughput virtual screening reveals SARS-CoV-2 multi-target binding natural compounds to lead instant therapy for COVID-19 treatment. *International Journal of Biological Macromolecules*, 160, 1-17. **Impact Factor = 5.162**

Pandey, R. K.; Ojha, R.; Dipti, K.; Kumar, R.; Prajapati, V. K. (2020), Immunoselective algorithm to devise multi-epitope subunit vaccine fighting against human cytomegalovirus infection. *Infection, Genetics and Evolution*. 82, 104282. **Impact Factor = 2.773**

Gupta, N.; Ragar, H.; Verma, V. K.; Prusty, D.; Mishra, A.; Prajapati, V. K. (2020), Receptor-ligand based molecular interaction to discover adjuvant for immune cell TLRs to develop next-generation vaccine. *International Journal of Biological Macromolecules*, 152, 535-545. **Impact Factor = 5.162**

Joshi, V.; Upadhyay, A.; Prajapati, V. K.; Mishra, A. (2020), How autophagy can restore proteostasis defects in multiple diseases?. *Medicinal Research Reviews*, doi-10.1002/med.21662. **Impact Factor = 9.3**

Ojha, R.; Pareek, A.; Pandey, R. K.; Prusty, D.; Prajapati, V. K. (2019), Strategic development of a next-generation multi-epitope vaccine to prevent Nipah virus zoonotic infection. *ACS Omega*, 4(8), 13069-13079. **Impact Factor = 2.87**

Gupta, N.; Khatoon, N.; Mishra, A.; Verma, V. K.; Prajapati, V. K. (2020), Structural vaccinology approach to investigate the virulent and secretory proteins of Bacillus anthracis for devising anthrax next-generation vaccine. *Journal of Biomolecular Structure and Dynamics*, 152, 535-545. **Impact Factor = 3.310**

### Kiran Kumar Tejavath

Hemlata, Meena, P. R.; Singh, A. P.; Tejavath, K. K. (2020), Biosynthesis of Silver Nanoparticles Using *Cucumis prophetarum* Aqueous Leaf Extract and Their Antibacterial and Antiproliferative Activity Against Cancer Cell Lines. *ACS Omega*, 5(10), 5520-5528. **Impact Factor = 2.87**

Tiwari, M.; Kumar, P.; Tejavath, K. K.; Tiwari, V. (2020), Assessment of Molecular Mechanism of Gallate-Polyvinylpyrrolidone-Capped Hybrid Silver Nanoparticles against Carbapenem-Resistant *Acinetobacter baumannii*. *ACS Omega*, 5(2), 1206-1213. **Impact Factor = 2.87**

Sharma, D.; Dada, R.; Tejavath, K. K.; Rai, P.; Soni, R.; Yaragorla, S.; Bhatt, T. K. (2020), A paradigm towards the antimalarial quest: *in silico* identification and biological evaluation of novel inhibitors targeting 1-deoxy-D-xylulose-5-phosphate reductoisomerase. *J Biomol Struct Dyn*. 38(1), 295-301. **Impact Factor = 3.31**

### Dhaneswar Prusty

Naik, B.; Gupta, N.; Ojha, R.; Singh, S.; Prajapati, V. K.; Prusty, D. (2020), High throughput virtual screening reveals SARS-CoV-2 multi-target binding natural compounds to lead instant therapy for COVID-19



treatment. *International Journal of Biological Macromolecules*, 160, 1-17. **Impact Factor = 5.162**

Gupta, N.; Ragar, H.; Verma, V. K.; Prusty, D.; Mishra, A.; Prajapati, V. K. (2020), Receptor-ligand based molecular interaction to discover adjuvant for immune cell TLRs to develop next-generation vaccine. *International Journal of Biological Macromolecules*, 152, 535-545. **Impact Factor = 5.162**

Ojha, R.; Pareek, A.; Pandey, R. K.; Prusty, D.; Prajapati, V. K. (2019), Strategic development of a next-generation multi-epitope vaccine to prevent Nipah virus zoonotic infection. *ACS Omega*, 4(8), 13069-13079. **Impact Factor = 2.87**

### Dipak Gayen

Lande, N. V.; Barua, P.; Gayen, D.; Kumar, S.; Varshney, S.; Sengupta, S.; Chakraborty, S.; Chakraborty, N. (2020), Dehydration-induced alterations in chloroplast proteome and reprogramming of cellular metabolism in developing chickpea delineate interrelated adaptive responses. *Plant Physiology and Biochemistry*, 10.1016/j.plaphy.2019.11.034, 146, 337-348. **Impact Factor=3.72**

### Bhawana Bissa

Jia, J.; Bissa, B.; Brecht, L.; Allers, L.; Choi, S. W.; Gu, Y.; Zbinden, M.; Burge, M. R.; Timmins, G.; Hallows, K.; Behrends, C.; Deretic, V. (2020), AMPK Is Activated During Lysosomal Damage via a Galectin-Ubiquitin Signal Transduction System. *Autophagy*, ISSN; 1554-8635. **Impact Factor = 10.79**

Jia, J.; Claude-Taupin, A.; Gu, Y.; Choi, S. W.; Peters, R.; Bissa, B.; Mudd, M. H.; Allers, L.; Pallikkuth, S.; Lidke, K. A.; Salemi, M.; Phinney, B.; Mari, M.; Reggiori, F.; Deretic, V. (2020), MERIT, a Cellular System Coordinating Lysosomal Repair, Removal and Replacement. *Autophagy*, ISSN; 1554-8635. **Impact Factor = 10.79**

Jia, J., Bissa, B.\*; Brecht, L.\*; Allers, L.; Choi, S. W.; Gu, Y.; Zbinden, M.; Burge, M. R.; Timmins, G.; Hallows, K.; Behrends, C.; Deretic, V. (2020), AMPK, a Regulator of Metabolism and Autophagy, Is Activated by Lysosomal Damage via a Novel Galectin-Directed Ubiquitin Signal Transduction System. *Molecular Cell*, ISSN; 1097-2765. **Impact Factor = 14.54**. \*equal contributing authors

Jia, J.; Claude-Taupin, A.; Gu, Y.; Choi, S. W.; Peters, R.; Bissa, B.; Mudd, M. H.; Allers, L.; Pallikkuth, S.; Lidke, K. A.; Salemi, M.; Phinney, B.; Mari, M.; Reggiori, F.; Deretic, V. (2020), Galectin-3 Coordinates a Cellular System for Lysosomal Repair and Removal. *Dev Cell*. ISSN; 1878-1551. **Impact Factor = 9.19**

Gu, Y.; Princely, A. Y.; Kumar, S.; Bissa, B.; Choi, S. W.; Jia, J.; Lazarou, M.; Eskelinen, E. L.; Johansen, T.; Deretic, V. (2019), Mammalian Atg8 proteins regulate lysosome and autolysosome biogenesis through SNAREs. *EMBO J*. ISSN; 0261-4189. **Impact Factor = 11.22**

Nair, S.; Strohecker, A. M.; Persaud, A. K.; Bissa, B.; Muruganandan, S.; McElroy, Craig.; Pathak, R.; Williams, M.; Raj, R.; Kaddoumi, A.; Sparreboom, A.; Beedle, A. M.; Govindarajan, R. (2019), Adult stem cell deficits drive Slc29a3 disorders in mice. *Nat Commun.*, ISSN; 2041-1723. **Impact Factor = 11.87**

## Department of Biotechnology

### Pankaj Goyal

Brünnert, D.; Krausb, M.; Stühmer, T.; Kirner, S.; Heiden, R.; Goyal, P.; Driessen, C.; Bargou, R. C.; Chatterjee,



M.(2019), Novel cell line models to study mechanisms and overcoming strategies of proteasome inhibitor resistance in multiple myeloma. *Biochim.Biophys. Acta Mol. Basis Dis.*, 1865 (6), 1666-1676. **Impact Factor = 5.96**

Brünnert, D.; Shekhawat, I.; Chahar, K. R.; Ehrhardt, J.; Pandey, J.; Yadav, J. K.; Zygmunt, M.; Goyal, P.(2019), Thrombin stimulates gene expression and secretion of IL-11 via Protease-activated receptor-1 and regulates extravillous trophoblast cell migration. *J. Reprod. Immunol.*, 132, 35-41. **Impact Factor = 2.64**

Kumar, V.; Gour, S.; Verma, A.; Suman, K.; Gadhave, K.; Mishra, P. M.; Goyal, P.; Pandey, J.; Giri, R.; Yadav, J. K.(2019), The mechanism of phosphatidylcholine-induced interference of PAP (248-286) aggregation. *J. Pept. Sci.*, 25, e3152. **Impact Factor = 1.97**

Gour, S.; Kumar, V.; Singh, A.; Gadhave, K.; Goyal, P.; Pandey, J.; Giri, R.; Yadav, J. K.(2019), Mammalian antimicrobial peptide protegrin-4 self assembles and forms amyloid-like aggregates: Assessment of its functional relevance. *J. Pept. Sci.*, 25(3), e3151. **Impact Factor = 1.97**

### A. K. Gupta

Rath, S.C.; Mishra, S.K.; Seth, S.; Yadav, P.; Gupta, A.K.; Panigrahi, J. (2019), Genetic homogeneity assessment of in vitro-regenerated plantlets of *Nyctanthes arbor-tristis* L. and comparative evaluation of bioactive metabolites and antioxidant activity. *IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-PLANT*, 55 (6), 733-733. **Impact Factor = 1.05**

Dubey, N. K.; Yadav, P.; Gupta, N.; Gupta, K.; Panigrahi, J.; Gupta, A.K. (2019), Suppression of seed setting and viability in phytoplasma-infected Parthenium weed in nature through differential gene expression. *Indian Journal of Weed Science*, 51 (2), 188-197.

### Suman Tapryal

Jain, S.; Bhar, K.; Kumar, S.; Bandyopadhyaya, S.; Tapryal, S.; Mandal, C. C.; Sharma, A. K.(2020), Homo- and heteroleptic trimethoxy terpyridine-Cu (ii) complexes: synthesis, characterization, DNA/BSA binding, DNA cleavage and cytotoxicity studies. *DALTON TRANSACTIONS*, 49 (13), 4100-4113. **Impact Factor = 4.17**

Singh, V. K.; Kumar, S.; Tapryal, S.(2020), Aggregation Propensities of Herpes Simplex Virus\_1 Proteins and Derived Peptides: An In Silico and In Vitro Analysis. *ACS OMEGA*, 5(22), 12964-12973. **Impact Factor = 2.58**

### Tarun Kumar Bhatt

Sharma, D.; Dada, R.; Tejavath, K. K.; Rai, P.; Soni, R.; Yaragorla, S.; Bhatt, T. K.(2020), A paradigm towards the antimalarial quest: in silico identification and biological evaluation of novel inhibitors targeting 1-deoxy-D-xylulose-5-phosphate reductoisomerase. *JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS*, 38(1), 295-301. **Impact Factor = 3.31**

### Jay Kant Yadav

Kumar, V.; Kumar, P. G.; Yadav, J.K. (2019), Impact of semen-derived amyloid (SEVI) on sperm viability and motility: its implication in male reproductive fitness. *Eur. Biophys. J.*, 48, 659-671. **Impact Factor = 2.219**



### Jayendra Nath Shukla

Gurusamy, D.; Mogilicherla, K.; Shukla, J. N.; Subba, R. P. (2020), Lipids Help Double-Stranded RNA in Endosomal Escape and Improve RNA Interference in the Fall Armyworm, *Spodoptera Frugiperda*, *ARCH INSECT BIOCHEM PHYSIOL*, e21678. **Impact Factor = 1.88**

### Surendra Nimesh

Sharma, K.; Kaushik, G.; Thotakura, N.; Raza, K.; Sharma, N.; Nimesh S. (2020), Enhancement effects of process optimization technique while elucidating the degradation pathways of drugs present in pharmaceutical industry wastewater using *Micrococcus yunnanensis*. *CHEMOSPHERE*, 238(124689), **Impact Factor = 5.1**

Jain, N.; Gupta, R.; Surendra, Nimesh.; Mathur, S.K. (2019), A Study on Impact of BPA in the Adipose Tissue Dysfunction (Adiposopathy) in Asian Indian Type 2 Diabetes Mellitus Subjects, *INDIAN JOURNAL OF CLINICAL BIOCHEMISTRY*, <https://doi.org/10.1007/s12291-019-00843-y>. **Impact Factor = 1.14**

### Shailendra Pratap Singh

Raffaella, M.; Licari, M.; Amin, S.; Alex, R.; Shen, H.-H.; Levy, L.; Singh, S. P.; Vanella, L.; Rezzani, R.; Bonomini, F.; Peterson, S. J.; Stec, D. E.; Abraham, N. G. (2020), Cold Press Pomegranate Seed Oil Attenuates Dietary-Obesity Induced Hepatic Steatosis and Fibrosis through Antioxidant and Mitochondrial Pathways in Obese Mice. *International Journal of Molecular Sciences*, 21(15), 5469. **Impact Factor = 4.18**

Singh, S. P.; Greenberg, M.; Glick, Y.; Bellner, L.; Favero, G.; Rezzani, R.; Rodella, L. F.; Agostinucci, K.; Shapiro, J. I.; Abraham, N. G. (2020), Adipocyte Specific HMOX1 Gene Therapy is Effective in Antioxidant Treatment of Insulin Resistance and Vascular Function in an Obese Mice Model. *Antioxidants*, 9(1), 40. **Impact Factor = 5.544**

## Department of Chemistry

### R. T. Pardasani

Ansari, A. J.; Pathare R. S.; Kumawat, A.; Maurya, A. K.; Verma, S.; Agnihotri, V. K.; Joshi, R.; Metre, R. K.; Sharon, A.; Sawant, D. M.; Pardasani, R. T. (2019), A diversity-oriented synthesis of polyheterocycles via the cyclocondensation of azomethine imine. *New J. Chem.* 35 (43), 13721-13724. **Impact Factor = 3.288**

### Easwar Srinivasan

Jha, A. K.; Kumari, R.; Easwar, S. (2019), A Hydrazine Insertion Route to N'-Alkyl Benzohydrazides by an Unexpected Carbonyl-Carbon Bond Cleavage. *Organic Letters*, 21 (20), 8191-8195. **Impact Factor = 6.555**

Jha, A. K.; Kumari, A.; Easwar, S. (2020), Diamine-Mediated Degradative Dimerisation of Morita-Baylis-Hillman Ketones. *Chemical Communications*, 56 (19), 2949-2952. **Impact Factor = 6.164**

### Anuj K. Sharma

Rana, M.; Sharma, A. K. (2019), Cu and Zn Interactions with A $\beta$  peptides: Consequence of Coordination on Aggregation and Formation of Neurotoxic Soluble A $\beta$  Oligomers. *Metallomics*, 11, 64-84. **Impact Factor = 4.052**