

"Water Eco-Systems & Judicious Use of Water" at Capacity Building Workshop of Eco-WASH. Department of social works, Central University of Rajasthan. (November 22-26, 2017). Invited Lecture

"Climate change and sustainable development" at 5th Annual International Convention on Climate Change and Water Research (C3W). SGV University, Jaipur. (10-11 February, 2018). Invited Lecture

### **Devesh Sharma**

"Introducing water security assessments" at International training workshop on Water Security Assessment. Asian Institute of Technology, Thailand. (26-30 March 2018) Invited Lecture

### **Ritu Singh**

"Drinking water quality parameters and testing kit" at Capacity Building Workshop of Eco-WASH. Department of social works, Central University of Rajasthan. (November 22-26, 2017). Invited Lecture

## **Department of English**

### **Supriya Agarwal**

"Post Colonial Literatures and Theory" at Kanoria PG Mahila Mahavidyalaya, Jaipur, India. (3 October, 2017). Invited Lecture

"Relevance of Critical Theories in Literature" at Central University of Haryana, India. (30 October, 2017). Invited Lecture

"Relevance of Good Communication" at Workshop on Communication Skills and Personality Development. Central University of Rajasthan. (18 December, 2017). Invited Lecture

"Gender Sensitization" at Induction Training Program for Faculty of Higher Educational Institutions (HEIs). Teaching and Learning Center, Central University of Rajasthan. (1-26 May, 2018). Invited Lecture

"Teaching of English Language in Multicultural Classroom" at ELT@I Rajasthan: Jaipur Chapter, IV International Conference & Kanoria PG Mahila Mahavidyalaya, Jaipur, India. (31 October, 2017). Session Chaired

"Media, Culture and Ethics" at International Conference. BITS Pilani. (9-10 February, 2018). Keynote Address and Session chaired

### **Sanjay Arora**

"English in Multicultural Classrooms: Perspectives, Prospects, Possibilities" at ELT@I Rajasthan: Jaipur Chapter, IV International Conference & Kanoria PG Mahila Mahavidyalaya, Jaipur, India. (30-31 October, 2017). Session chaired

"General Service List (Vocabulary)" at Equal Opportunity Cell, Central University of Rajasthan. (20 December, 2017). Invited Lecture

"Identification of Problem areas in communication" at Equal Opportunity Cell, Central University of Rajasthan. (20 December, 2017). Invited Lecture

"Using Games to Teach English Communicatively" at Equal Opportunity Cell, Central University of Rajasthan. (20 December, 2017). Invited Lecture

**Bhumika Sharma**

“Excellence in Higher Education: The Road Ahead” at SPNKS Govt. PG College & Govt. Arts College, Dausa, India. (26-27 September, 2017). Keynote Address

“A Background to American Literature” at Kanoria PG Mahila Mahavidyalaya, India. (25 January, 2018). Invited Lecture

**Neha Arora**

“Persuasive Writing” at RK Patni Govt. College, Kishangarh, India. (29 July, 2017). Invited Lecture

**Devendra Rankawat**

“Harmony between Mind and Body for True Development” & “Rudyard Kipling's 'If'” at Jodhpur Institute of Engineering and Technology, Jodhpur, India. (04 September, 2017). Invited talk

“Contemporary Trends in English Language and Literature: Exploring Post 2000 A.D Writings” at XIV Annual International Conference of Rajasthan Association for Studies in English, Chartered Institute of Technology, Abu road, India. (4-5 November, 2017). Session Chaired

“English Phonology Lexical Chunks Using Rhymes and Poems for Better Communication” at The Equal Opportunity Cell of Central University of Rajasthan, India. (20 December, 2017). Invited Lecture

**Ved Prakash**

“Reading Practice: Ways of Reading” at Equal Opportunity Cell. Central University of Rajasthan, India. (20 December, 2017). Invited Lecture

“Picture Composition Writing” at Equal Opportunity Cell. Central University of Rajasthan, India. (21 December, 2017). Invited Lecture

“Vocabulary Drill” at Equal Opportunity Cell. Central University of Rajasthan, India. (22 December, 2017). Invited Lecture

**Department of Hindi****N. Lakshmi Aiyar**

“Role of Women in Unpaid Care Work-Issues, Challenges and Strategies” at National seminar. Dept. of Management, Central University of Rajasthan. (27-28 March 2018). Session Chaired

“Language Education Relevance to the Globalization of Hindi Language” at National Conference on Language Education in the age of Globalization dated. Regional Institute of Education NCERT, Ajmer. (20-22 Dec. 2017). Key Note Address

**Mamata Khandal**

“Adhunik Bharat mein Patrakarita ki Upadeyta” at National Conference on Hindi Patrakarita ka Swarop: Chunotiyani ewam Sambhawnayen. Jagdish Saran Hindu Snatkottar Mahavidhyalaya, Amroha, U.P., India. (20-21 February, 2018). Session Chaired

**Sandeep Vishwanathrao Ranbhirker**

“Hindi ka Vaishwik Paridrushya” at International conference on Vishwa Me Badhate Hindi ke Charan. Upadhi mahavidyalaya, Pilibhit, India. (4-5 November, 2017). Invited Lecture and Session Chaired

“21 Vi Shatabdi ke Hindi Upanyas me Mahanagriy Bodh” at National Conference on 21 Vi Shatabdi ke Hindi Upanyas me Mahanagriy Bodh. Lal Bahadur Shastri Mahavidyalaya, Dharmabad, Maharashtra, India. (22-23 December, 2017). Invited Lecture and Session Chaired

## **Department of Management**

### **Tulsee Giri Goswami**

“11th International Conference on Healthcare Systems and Global Business Issues”.IMS Unison University, Dehradun, India. (January 2-3, 2018). Session Chaired

“Job Satisfaction among Indian Doctors: An Analysis of Public and Private Hospitals” at 11th International Conference on Healthcare Systems and Global Business Issues. IMS Unison University, Dehradun, India. (January 2-3, 2018). Invited Lecture

## **Department of Mathematics**

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

“On Escaping sets of composition of transcendental entire functions” at RIMS Workshop on Complex Dynamics. Kyoto University, Kyoto, JAPAN. (Dec 11-15, 2017). Invited talk

“Escaping sets of composition of transcendental entire functions”. City University of New York, New York, USA.(April 27, 2018). Invited talk

“Role of Mathematics and Computer Science in the Advancement of Science” at National conference in Govt. Degree College, Kathua. (November 10-11, 2017). Plenary Lecture

“Introduction and recent developments in Complex Dynamics” at International Conference on Mathematical Sciences and Applications. Guru Ghasidas Vishwavidyalaya, Bilaspur.(February 23-24, 2018). Invited talk

“Recent Trends of Computing in Mathematics, Statistics and Information Theory, and Symposium on Fixed Point Theory/Ancient Mathematics” at Second International Conference of Vijnan Parishad of India. Bundelkhand University, Jhansi. (March 9-11, 2018). Invited talk

“What is topology?, Analytic functions: A very well behaved functions, Complex Dynamics (3 Lectures)” at Department of Mathematics, Kashmir University, Srinagar. (June 4-12, 2018). Invited Lectures

### **D. C. Sharma**

“21st Conference of the International Federation of Operational Research Societies (IFORS)”. Quebec City Convention Center, Canada. (July 17-21, 2017). Session Chaired

“Machine Repair Problem with Spare and various kind of vacation policies” at 20th Annual conference of Vijnana Parishad of India. Manipal University Jaipur. (November 24-26, 2017). Invited talk

“Certain concepts of mathematics with special reference to optimization” at 4th Inspire Science camp Sponsored by DST. Manipal University Jaipur. (January 2-6, 2018). Invited talk

### **Jugal K. Prajapat**

“Radius of Star likeness and Hardy space of Mittag-leffler functions” at International Conference on Computational Methods and Function Theory (CMFT). Maria Curie-Sklodowska University, Lublin, Poland. (July 10-15, 2017). Invited Lecture

“Uniformly Starlike and Uniformly Convex harmonic mappings” at Workshop of Analytical Functions. The Faculty of Mathematics and Natural Sciences, University of Rzeszow, Poland.(July 17, 2017). Invited Lecture

“Integral transforms in the univalent function theory” at International Conference on Special Functions & Applications. College of Engineering and Technology, Bikaner (Rajasthan), India. (November 02-04, 2017). Invited Lecture

“Conformal mapping” at Science Academies' Lecture Workshop on Mathematical Analysis. Sri Vasavi College, Erode (Tamilnadu), India. (March 5-7, 2018). Invited Lecture

“Norm of the Pre-Schwarzian derivative for harmonic functions” at 33rd Annual Conference of Ramanujan Mathematical Society. Department of Mathematics, University of Delhi, India. (June 1-3, 2018). Invited Lecture

## **Department of Microbiology**

### **Pradeep Verma**

“Statistical optimization for enhanced xylanase production by *Aspergillus oryzae* LC1, its purification, characterization and application in hydrolysis of lignocellulosic agro-residues” at 58th Annual Conference of Association of Microbiologists of India and International Symposium on Microbes for Sustainable Development: Scope and Applications (MSDSA-2017). Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2017). Invited Lecture

### **Pawan K. Dadheech**

“Recent developments in systematics of cyanobacteria” at National Conference on Basic Biology is the Core of Biotechnology (NCBBCB-2017). Department of Bioscience and Biotechnology, Bansthali University, Rajasthan. (30-31 October, 2017). Invited Lecture

“Biosystematics of cyanobacteria: current status and future perspectives” at ISMPP International Conference on Plant Health for Human Welfare. Department of Botany, University of Rajasthan, Jaipur. (1-4 November, 2017). Invited Lecture

Indian Conference on Bioinformatics INBIX'2017. Birla Institute of Scientific Research, Jaipur. (7-9 November, 2018). Session chaired

“Insights into taxonomic complexity of cyanobacteria: conventional to modern approach” at 58th Annual Conference of Association of Microbiologists of India and International Symposium on Microbes for Sustainable Development: Scope and Applications (MSDSA-2017). Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2017). Invited Lecture

“Climate change: a catalyst for global development of harmful cyanobacterial bloom” at International Conference on Environmental Changes and Their Impact on Plants and Human Health (ICEPH2018). St. Wilfred's P.G. College, Jaipur. (15-17 January, 2018). Invited Lecture

“Exploration of cyanobacterial biodiversity in various environments: conventional to modern approach” at National Symposium on Advances in Biology of Algae and Cyanobacteria (ABAC- 2018). CAS, Institute of Science, Banaras Hindu University Varanasi. (8-9 February, 2018). Invited Lecture

### **Nidhi Pareek**

“De-construction of chitin through mycochitozymes for production of chitooligosaccharides” at 58th Annual Conference of Association of Microbiologists of India and International Symposium on Microbes for Sustainable Development: Scope and Applications (MSDSA-2017). Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2017). Young Scientist Award Lecture

### **Chandra Sekhar Gahan**

“Biohydrometallurgy and its application” at Recent Trends in Biotechnology and Microbiology (RTBM-2018). Department of Biotechnology, MITS school of Biotechnology, Bhubaneswar. (16-17 March, 2018). Plenary Lecture

### **Akhil Agrawal**

“Lectures on Health Safety and Environment (HSE)” at University of Toronto, Canada. (22-29 September, 2017). Invited Lecture

### **Department of Pharmacy**

#### **Devesh M. Sawant**

“Ruthenium-catalyzed C-H Functionalization for the Construction of Bioactive Heterocycles” at Contemporary Facets in Organic Synthesis (CFOS-2017, national conference). Indian Institute of Technology, Roorkee, Uttarakhand, India. (22-24 December, 2017). Invited Lecture

“Transition-metal catalyzed novel and sustainable strategies for the synthesis of bioactive heterocycles” at 24th International ISCB conference (ISCBC-2018). Manipal University, Jaipur, Rajasthan, India. (11-13 January, 2018). Invited Lecture

“A Short History of the Discovery and Development of Modern Pharmaceuticals” at National workshop on Biostatistics, Epidemiology and Research Methodology (BERM-2018). Vignan Pharmacy College, Guntur, Andhra Pradesh, India. (23-24 February, 2018). Invited Lecture

#### **Umesh Gupta**

“Multifunctional Nano-therapeutic systems for the advanced cancer and other disorders” at Leibniz-institut fur Polymerforschung, Dresden, Germany. (11 July, 2017). Invited Lecture

“Multifunctional Nano-therapeutic Systems for Infectious and Other Diseases” at DBT sponsored lecture series at Bhagyodaya College of Pharmacy, Sagar, MP, India. (15 February 2018). Invited Lecture

“Multifunctional Nano-therapeutic Systems for the effective treatment of malaria” at Workshop on Soft Materials and Society. Malviya National Institute of Technology, Jaipur, India. (15 December, 2017). Invited Lecture

#### **Kaisar Raza**

“Technical Know-How of Liposomal Drug Delivery Systems: Critical Aspects” at Nano Sci Tech 2017. Panjab University, Chandigarh, India. (8-10 November, 2017). Invited Lecture

### **Department of Physics**

#### **Manish Dev Shrimali**

“Explosive death in network of nonlinear oscillators” at Workshop on Complex Networks (DCS 2018). International Centre for Theoretical Sciences (ICTS), Bangalore. (June 26-30, 2018). Invited Lecture

“Explosive death in coupled nonlinear oscillators” at Indian Institute of Science Education and Research, Pune. (January 12, 2018). Invited Lecture

“Nonlinear Dynamics and Chaos” at DST SERB School on Nonlinear Dynamics. Savitribai Phule Pune University, Pune. (January 02-29, 2018). Invited Lecture

“Explosive death in coupled nonlinear oscillators” at 5th International Conference on Complex Dynamical Systems and Applications (CDSA 2017). IIT Guwahati. (December 4-6, 2017). Invited Lecture

#### **Ajit K. Patra**

“Epitaxial Mn-Ge thin films for high density memory applications” at National Conference on Applied Materials. Center for Applied Chemistry. Central University of Gujarat, India. (6-7 April, 2018). Invited Lecture

**Neeraj Panwar**

“Light Emitting Diodes: From Basics to Nobel Prize Winning Invention” at University Auditorium, Central University of Rajasthan. (02 February, 2018). Invited Lecture

**Rajneesh Kumar Verma**

“Surface Plasmon Waves Principle and their application in chemical and biochemical sensing” at International Conference on Nanobiotechnology. Jamia Milia Islamia, New Delhi. (February 5-6, 2018). Invited Lecture

**Brijesh Kumar Singh**

“Super-oscillations interaction with particle: high localization trapping” at International Topical Meeting on Applied and Adaptive Optics - INTOPMAA-17. Indian Institute of Space Science and Technology, (IIST) Trivandrum, Kerala. (11-13 August, 2017). Invited Lecture

**Department of Public Policy Law & Governance****Gyana Ranjan Panda**

“Legislature and Policy-Making in India”. Department of Political Science, Wuhan University China. (12 June 2018). Invited Lecture

**Department of Social Work****Jagdish Jadhav**

“Indian Roots of Social Work” at ICSSR sponsored National Conference on Indian Social Work: Scope and Challenges. Dr. Bim Rao Ambedkar College, University of Delhi. (14-15 March, 2018). Invited Lecture

“The Use of PRA/PLA Techniques” at Capacity Building Workshop of Eco-WaSH. Department of Social Work, under DST-NCSTC, New Delhi. (22 November, 2017). Invited Lecture

“Best Practices and Innovative Ways of Public Participation” at the National Convention on Good governance through People's Participation. Mumbai. (24-25 January, 2017). Session Chaired

**Subhasis Bhadra**

“Role of Civil Society Organizations in well-being and empowerment of elderly” at National Seminar on Empowering Elderly in Vulnerable Constituencies. Department of Social Work, Delhi University. New Delhi. (17-18 February, 2018). Invited Lecture

“44th National Annual Conference of Indian Association of Clinical Psychologists”. Department of Psychology and Mental Health School of Humanities and Social Sciences, Gautam Buddha University, Greater Noida, UP. (23-24 February, 2018). Session Chaired

“Issues of Digital addiction among the students in Institutes of Higher Education” at Induction Training Programme organized by TLC. Central University of Rajasthan, Kishangarh, Ajmer Rajasthan. (3 May, 2018). Invited Lecture

“The Nobel Prize Winning work of International Campaign to Abolish Nuclear Weapons (ICAN)-A Movement for Nuclear Disarmament” in Nobel Laureates Lecture Series. Innovation Cell, Central University of Rajasthan. (2 February, 2018). Invited Lecture

“Primary Health care in International colloquium on Primary health care in India-Practices & challenges”. Department of Social Work, Central University of Rajasthan. (12 January, 2018). Session Chaired

### **Atiq Ahmed**

“Research and Clinical Interventions for Patients” Workshop on “Clinical Interventions with Social Work Perspective. Dept of Clical Social Work, St. John's Medical College and Hospital, Bangalore. (29 May, 2018.)  
Invited Lecture

### **Dr. Rajeev M. M.**

“Community Based Disaster Management” at National Workshop on Disaster Management and Community Safety. Jain Vishwa Bharati Institute Ladnun, Nagaur district, Rajasthan. (7 February, 2018). Invited Lecture

“Social Work Intervention in Health Care settings” at Panjab University, Chandigarh. (26 March, 2018).  
Invited Lecture

“Annual National Conference on Medical Social Workers”. Chandigarh Medical College. (24-25 March, 2018).  
Session Chared

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

“International Colloquium on Primary Health Care in India:Practices and Challenges”. Department of Social Work, Central University of Rajasthan. (12 January, 2018). Session Chaired

## **Department of Statistics**

### **Jitendra Kumar**

“Big Data: An Opportunities for Official Statistics” at 12th Statistics Day Celebration. Directorate of Economics and Statistics, Govt. Of Rajasthan & NSSO (FOD), Ajmer. (June 29, 2018). Invited Lecture

“Time Series Modeling: An Approach to known the DGP for Future Prediction” at National workshop on Statistical and Optimization Learning in Multi disciplinary Arena. Department of Mathematics and Statistics, Manipal University, Jaipur. (June 25-29, 2018). Invited Lecture

“Bayesian Computation and Analysis of C-PAR(1) Time Series Model with Structural Break” at National Workshop on Recent Advances in Statistical Methods and Applications in Forestry and Environmental Sciences (RASMAFES). Division of Forestry Statistics, Indian Council of Forestry Research and Education, PO New Forest, Dehradun-248006. (May 23-25, 2018). Invited Lecture

“An Approach of Modeling the Real Time Data: Big Data Time Series” at 2nd International Conference of Vijnāna Parishad of India (VPI) On Recent Trends of Computing in Mathematics, Statistics and Information Technologies. Department of Mathematical Sciences & Computer Applications, Bundelkhand University, Jhansi. (March 09-11, 2018).Invited Lecture

“Structural Break in Time Series” at 1st National Conference on Statistics for Humanities and Social Sciences: Recent trend & Advancements. Rajasthan Statistical Association & Department of Lifelong Learning, University of Rajasthan, Jaipur. (January 15-16, 2018). Invited Lecture

“A Bayesian Inference of Multiple Structural Breaks in Mean and Error Variance in Panel AR(1) Model” at 20th Annual Conference of Vijnāna Parishad of India (VPI-2017) on Mathematical Sciences and Scientific Computing for Industrial Development (MSSCID-2017). Department of Mathematics and Statistics, Manipal University. Jaipur. (November 24-26, 2017). Invited Lecture

## Conference/Workshop/Seminar Presentation

### Department of Biochemistry

#### K. K. Tejavath

“Combating cancer with polymeric herbal nanomedicines” at the International conference on Nanosci Tech. Panjab University Chandigarh, India. (8-10 November, 2017).

“Glyconanotechnology: Promising candidate for the cancer therapy” at Recent Advances in Nano Science and Technology. Institute of Nano Science and Technology, Chandigarh, Panjab. (19- 21 December, 2017).

### Department of Biotechnology

#### Pankaj Goyal

“Thrombin stimulates expression and secretion of IL-11 via protease activated receptor-1 and regulates extravillous trophoblast cell migration” at International conference on World congress on reproductive health with emphasive on family planning and assisted reproductive technology & 28th Annual meeting of the Indian society of reproduction and fertility. Maternal Health and Research Trust, Hyderabad. (23-25 February, 2018).

#### Tarun Kumar Bhatt

“In silico Molecular Docking Analysis and Simulation Studies on Apicoplast Proteins of Malaria Parasite” at the International Vaccine Conference. ICGEB, New Delhi. (27-29 November, 2017).

“Identification of potential antimalarials” at Festival of Innovation. Rashtrapati Bhavan, New Delhi. (21-22 March, 2018).

#### Jay Kant Yadav

“Amyloids of Antimicrobial Peptides: A Friend or Foe?” at International Conference on Intrinsically Disordered Proteins 2017 (IDP2017). Indian Institute of Science Education and Research Mohali, India. (9-12 December, 2017).

#### S. Thangminlal Vaiphei

“Normalization strategy of gene expression and approach towards development of nano diagnostic tools in radiation exposed human peripheral blood” at the National Seminar on Recent Advances in Nano Science and Technology. INST, Mohali, India. (19-21 December, 2017).

### Department of Chemistry

#### Easwar Srinivasan

“Unearthing Newer Catalysts from the Proline Goldmine for the Asymmetric Aldol Reaction” at Contemporary Facets in Organic Synthesis. IIT Roorkee. (December 22-24, 2017).

“The Chronicles of Proline & Arginine: Proficient Catalysts in Green Reaction Media” at International Conference on Advancing Green Chemistry: Building a Sustainable Tomorrow. Delhi University. (October 3-4, 2017). Oral Presentation-Best paper award



### **Chandrakanta Dash**

“Synthesis and catalytic application of N-heterocyclic carbene based zinc(II) complexes in hydrohydrazination of alkynes” at 3rd International conference on Frontiers at the Chemistry-Allied Sciences Interface (FCASI-2017). Rajasthan University, Jaipur. (July 22-23, 2017).

“Bis(pyrrolyl)pyridine based NNN-pincer palladium(II) complexes for catalyzing Suzuki-Miyaura cross-coupling reaction in aqueous medium” at in 24th ISCB International Conference (ISCBC-2018). Manipal University, Jaipur. (January 11-13, 2018).

“Novel Hg(II) complexes supported by anionic N-heterocyclic carbene ligands: Synthesis and structural studies” at in 20th CRSI National Symposium in Chemistry. Gauhati University, Guwahati. (February 2-5, 2018).

### **Anuj K. Sharma**

“Congo-Red-inspired-azo-stilbene molecular frameworks designed for metal-chelation therapy in Alzheimer's disease” at International conference on Frontiers at Chemistry-Allied Sciences Interface. University of Rajasthan. (July 22-23, 2017.) Poster Presentation

### **Thirumoorthi R.**

“Nickel and Zinc Complexes of  $[Li\{S(H)C(PPh_2S)_2\}]_2$ : Synthesis, Structural Characterization, Variable Temperature  $^{31}P$  NMR and Theoretical Study” at 21st CRSI National Symposium in Chemistry & CRSI-ACS Symposium in Chemistry. CSIR-IICT, Tarnaka, Hyderabad. (July 13-16, 2017).

“Synthesis, Structures and DFT Study of Main Group Complexes of PCP-Bridged Thio-Centred Ligands” at National Conference on Emerging Trends in Chemical Sciences. Aligarh Muslim University. (February 24-25, 2018). Presentation

### **Partha Roy**

“Spin Controlled Photoluminescence in Hybrid CdSe Nanoparticles and Purple Membran System” at Recent Advance on Materials for Sustainable Energy (RAMSE-2018). IIT (ISM) Dhanbad. (March 3-5, 2018).

## **Department of Culture & Media Studies**

### **P.P. Patnaik**

“Intimate Stranger(s): Everyday Politics and Intimacies in Parks” at the National Queer Conference on Praxis, Politics and Possibilities. Jadavpur University, Kolkatta, India. (15-17 September, 2017).

## **Department of Commerce**

### **Neha Seth**

“Price Discovery and Volatility Spillovers in Wheat Future Market in India” at International Conference on Digital Revolution in Business: Convergence and Integration. Panjab University, Chandigarh. (26-27 September, 2017).

### **Ruchita Verma**

“Cost and Profit Efficiency of Banks in India: A stochastic Frontier Analysis” at the 54th Annual Conference of the Indian Econometric Society (TIES). School of Economics, Shri Mata Vaishno Devi University, Katra, J&K. (March 07-09, 2018). “Performance evaluation of selectivity skills of fund managers in India: An analysis of Index funds” at the International Conference on Research Trends In Engineering, Applied Science and Management (ICRTESM-2018). ICSSR, North West Regional Centre, Punjab University Campus, Chandigarh. (March 11, 2018).

### **Sushila Soriya**

“A literature review on Initial public offering: Path to be followed” at International Conference on Disruptive Technologies: Path Ahead 2023. Rukmini Devi Institute of Advanced Studies, Rohini, New Delhi. (April 12-13, 2018).

“Performance of initial public offering: Literature review with future research outline” at Emerging Trends & Challenges in Globalized Digital Era. Chitkara University. (May 25-26, 2018).

“Initial public offering performance: A literature review” at International Conference on Contemporary issues in Business Innovation Technology and Social Sciences. Guatam Bhudha University. (1-2 June, 2018).

### **Sanjay Kumar Patel**

“How Unequal Distribution of Unpaid Care Work Restricts Women Empowerment?” at National Seminar on Role of Unpaid Care Work: Issue, Challenges and Strategies. Department of Management, Central University of Rajasthan, Ajmer. (27-28 April, 2018).

“Inflation Based Tax System in India: A way to Menace Tax Distortions” at National Seminar on the Philosophy of Union Budget 2018: Populism Vs Development organized. D.A.V. P.G. College, Varanasi. (9 February, 2018).

“Transforming the University as an Excellence University through Innovative Cell: A Policy Option to Harness Organizational Potential” at the International Seminar on Quality Enhancement of Higher Education in India and Changing Paradigm. Bilaspur University, Bilaspur. (04-05 January, 2018).

“Reporting Through Traditional Accounting Vs Cloud Accounting: A Comparative Study with Reference to Big Data” at 40 All India Accounting Conference on Accounting Education and Research. University College of Commerce and Management Studies, Mahanlal Sukhadiya University, Udaipur. (18-19 November 2017).

## **Department of Computer Science**

### **A. Nagaraju**

“Fault Tolerance using Quadratic-Minimum Spanning Tree (Q-MST) with Secure Data Aggregation in Wireless Sensor Networks” at IEEE-INDICON-2017. IIT Roorkee, India. (15-17 December, 2017).

### **Gaurav Meena**

“IDS Classification using KDD 99 and NSL KDD Dataset in WEKA” at International Conference on Computer, Communications and Electronics (Comptelix-2017). Manipal University, Jaipur. India. (01-02 July, 2017).

“Empirical Study on Classification of Heart Disease Dataset- its Prediction and Mining” at International Conference on Current Trends in Computer, Electrical, Electronics & Communication (ICCTCEEC-2017). Mysuru, Karnataka, India. (08-09 September, 2017).

“Saliency Detection in Text Documents using Policy-Driven Reinforcement Learning Methodologies” at 2nd International Conference on Advanced Computing and Intelligent Engineering (ICACIE-2017). Central University of Rajasthan, Ajmer, India. (23-25 November, 2017).

### **Nishtha Kesswani**

“Novel encoding and decoding model for color MRI” at India Com 2018. Bharti Vidyapeeth, New Delhi. (March 14-16, 2018).

“Encoding and decoding model for color MRI” at National Conference on Advanced Communication Technologies and networks. Malaviya National Institute of Technology, Jaipur. (October 24-25, 2017).

“Mobility paradigm through Software Defined Networks” at 2nd International Conference on Computing Methodologies and Communication (ICCMC 2018). Surya Engineering College, Tamil Nadu. (February 15-16, 2018).

“MR images denoising using statistical approaches: a Review” at IndiaCom 2018. Bharti Vidyapeeth, New Delhi. (March 14-16, 2018).

#### **Krishna Kumar Mohbey**

“A comparative analysis of sentiment classification approaches using users opinion.” at 3rd International Conference on Internet of Things and Connected Technologies (ICIoTCT), 2018” MNIT, Jaipur. India. (March 26-27, 2018).

### **Department of Economics**

#### **Hemlata Manglani**

“Impact Assessment of Joining Self-Help Groups On Women Empowerment in Haryana: A Case Study Of Mahendragarh District” at National Seminar on role of women in unpaid care work-issues, challenges and strategies. Central University of Rajasthan. (27-28 March, 2018).

#### **Pragati Jain**

“Enforcing a balance between unpaid work and paid work: Role of Institutions” at National Seminar on role of women in unpaid care work-issues, challenges and strategies. Central University of Rajasthan. (27-28 March, 2018). Presentation

### **Department of Environmental Science**

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

“Geospatial assessment of forest biomass towards potential REDD+ initiative for sustainable ecosystem” at presented in International Conference, ISSS-2017 (International Society for the System Sciences). University of Technology (TU Wien), Vienna, Austria. (July 09-14, 2017). Presentation

#### **Ritu Singh**

“Application of Iron Nanoparticles for Environmental Clean-up” at National Seminar on environmental conservation and Waste Management: Challenges and Alternatives. IGCHEEPS, University of Rajasthan, Jaipur. (5 June, 2018).

### **Department of Education**

#### **Anjali Sharma**

“A Life Course Perspective on Status of Living and Educational Challenges of the Internally Displaced Persons (IDPs)” at National Seminar on Poverty and Social Exclusion. Dr. Ambedkar Chair in Social Justice, Indian Institute of Public Administration (IIPA), New Delhi, Lokashraya Foundation, New Delhi and TERI School of Advanced Studies, New Delhi. (13-14 April, 2018).

“Theory & Research on Paradigm shift in teacher education through open educational resources” at National Seminar on Innovative Practices in Teacher Education. Regional Institute of Education, NCERT, Bhopal. (17-19 January, 2018).

### **Narendra Kumar**

“Education: The most significant instrument of social change” at National Conference on Teacher, Teacher Educator & Educational Organizations as catalyst of Social Change. Guru Ram Dass College of Education, New Delhi. (September 21-22, 2017).

Dimensions of Psychological Stress in Relation to Achievement among Science Students” in the National Seminar on New Horizons of Overall Development and Higher Education in India organised by Sanatan Dharm College, Muzaffarnagar (16 February, 2018).

### **Gobind Singh**

“Skill Development & Entrepreneurship Education: The Sustainable Economic Growth & National Development” at International Conference on Skill Development and Innovation for Sustainable Economic Growth: Problems & Challenges. Maharaja Agrasen University, PCJ School of Management, Baddi, Distt. Solan, Himachal Pradesh, India. (February 9-10, 2018).

“Life Skill Education: An Innovative Practice for Empowerment of Young Mind” at International Conference on Educational Empowerment in Multidisciplines. S.B.H.S.M. Khalasa College of Education, Mahilpur, Distt. Hosiarpur, Punjab, India. (28 March, 2018).

## **Department of English**

### **Supriya Agarwal**

“Ecocritical Study of Disability in Films” at Seminar on Biodiversity, Human Rights and Sustainable Development. Shri Ratanlal Kanwarlal Patni Govt. PG College, Kishangarh. (15 September, 2017).

“Encountering Popular Culture: A Study of Power & Resistance in Indian Cosmopolis” at International Conference on Contemporary Trends in English Language and Literature: Exploring Post 2000 A.D. Writings. Chartered Institute of Technology, Aburoad. (4-5 November, 2017).

### **Sanjay Arora**

“Impact of English outside the Classroom on Tertiary Level Students” at International Conference on English in Multicultural Classrooms: Perspectives, Prospects, Possibilities”. Kanoria PG Mahila Mahavidyalaya, Jaipur. (30-31 October, 2017).

### **Bhumika Sharma`**

“Conflict Pattern of Human Utopia in Shakespeare's The Tempest” at National Conference on Shakespeare in Continuum. Amity University, Jaipur. (26 July, 2017).

“Text, Visual Imagery and the Virtual World: A Digital Reading of Mehrotra's 'The Sale'” at International Conference on Recent Advances & Applications in Computer Engineering. St. Xavier's College, Jaipur. (23-25 November, 2017).

“Insertion or Omission: Capturing Historical Consciousness in Wright's Black Boy” at National Conference on “Re(Visiting) History, Nation and Culture through Autobiography, Biography and Memoirs. The IIS University, Jaipur. (12-13 January, 2018).

### **Neha Arora**

“Begum Jaan: A Gendered Prism to Re-View Partition” at International Conference on Women and Sectarian Violence in South Asia: Fiction and Reality. Central University of Gujarat, Gandhinagar. (9-10 November, 2017).

“Public Women: Looking Beyond the Voyeuristic Glass” at National Conference on Women as Critical Partners in an egalitarian Society: An Evaluation of the Current Status in India. The North Cap University, Gurugram. (8-9 March, 2018).

### **Devendra Rankawat**

“Bollywood Films as a Resource for Teaching Literature in Multi-Cultural Classrooms” at International Conference on English in Multicultural Classrooms: Perspectives, Prospects, Possibilities. Kanoria PG Mahila Mahavidyalaya, Jaipur. (30-31 October, 2017).

“Agony of Injustice in Premchand and Aidan Singh Bhati: A Marxist Duo” at International Conference on Contemporary Trends in English Language and Literature: Exploring Post 2000 A.D. Writings. Chartered Institute of Technology, Aburoad. (4-5 November, 2017).

### **Vedprakash**

“Painting the Streets of Afghanistan: The Representation of War and Women through Graffiti” at International Conference on Women and Sectarian Violence in South Asia: Fiction and Reality. Central University of Gujarat, Gandhinagar. (9-10 November, 2017).

“Exploring Love, Critiquing Prejudice: An Examination of Female Desire and Sexuality with reference to Kamala Das's My Story” at International Conference on Tolerance and Bigotry: Contestations in Indian Literatures in English. Aligarh Muslim University. (8-10 February, 2018).

## **Department of Hindi**

### **Jitendra Kumar Singh**

“Kabir Kavya Mein Ekatomvad Ka Anushilan” at International Seminar on Hindi Sahitya Mein Ekatomvad-Pradeshik Santon Ke Vishesh Sandarbh Mein. Hindi Kashmiri Sangam, Shrinagar in Leh (Laddakh). (25-26 August, 2017).

Kala Evam Sanskriti Sansthan, Maharana Pratap Sangrahalaya, Haldighati, Nathdwara, Rajasthan. (03 September, 2017).

“Bhojpuri Lokgiton Mein Stree-Jivan: Ek Vishleshan” at International Seminar on Lok Evam Janjatiya Sahitya Aur Sanskrit: Adhyayan Aur Anusandhan Ki Nai Dishayen. Pratikalpa Sanskritik Sanstha, Ujjain, M.P. (09-10 September, 2017).

“Charitra Nirman Mein Mulyaparak Shiksha Ki Upadeyata” at Mulya Shiksha Evam Charitra Nirman. Shri RKP Govt. P.G. College, Kishangarh, Ajmer. (2-23 September, 2017)

“Hindi Mein Vaigyanik Evam Takniki Lekhan Ka Anushilan” at International Seminar, Reaching the Unreached through Science and Technology: Recent Advances in Information Technology E-Commerce/ M-Commerce/ Humanities Management/Biological Sciences. Indian Science Congress Association Bengaluru in Association with Surana College, Bengaluru. (6-7 October 2017).

“Mahakavi Acharya Vidyasagar Virchit Tota Kyon Rota Ka Vishleshnatmak Adhyayan” at “Mahakavi Acharya Shree Vidyasagar Maharaj Ka Sahitya Evam Sanskriti Ko Avadan. Central University of Rajasthan, Kishangarh. (22-24 October, 2017).

“Sahitya Aur Mulyabodh” at Chaturth Rashtriya Sahityakar Sangoshthi Evam Samman Samaroh” Sahitya, “Vishva Patal Par Hindi Ki dasa Evam Disha” at International Seminar Vishva Mein Badate Hindi Ke Charan. UPadhi Mahavidyalaya, Pilibhit, U.P. (4-5 November, 2017).

“Bhartiya Rashtravad Ka Vishleshnatmak Anushilan” at International Seminar Rashtravad Ki Sankalpana Aur Usake Vividh Paridrishya. Deptt. of Hindi, Madhav Mahavidyalaya, Gwalior. (16-17 December, 2017).

“Hindi Bhasha Evam Sahitya Ke Prachar-Prasar Mein Rajasthan Ka Yogdan” at International Seminar, Rashtravad Ki Sankalpana Aur Usake Vividh Paridrishya. Bhartiya Vidya Mandir, Kolkata, W.B. (5-7 January, 2018).

“Paribhashik Shabdavali Aur Rajbhasha Hindi Ka Vikas” at Vishva Ki Hindi Aur Hindi Ka Vishva. Bhartiya Bhasha Evam Sanskriti Kendra, Delhi. (20-21 January, 2018).

### **Mamata Khandal**

“Vishwa manavta ke lok Kavi Bhima Bhoi” at International Seminar on Lok Evam Janjatiya Sahitya Aur Sanskrit: Addyayan Aur Anusandhan Ki Nai Dishayen. Pratikalpa Sanskritik Sanstha, Ujjain, M.P. (09-10 September, 2017).

“Acharya Vidhya Sagar ki Atma Drishti: Adhunik Pariprekshya Mein” at International Seminar on Mahakavi Acharya Shree Vidyasagar Maharaj Ka Sahitya Evam Sanskriti Ko Avadan. Central University of Rajasthan, Kishangarh. (22-24 October, 2017).

“Vishva Paridrishya mein Hindi ki Sthiti ka Vishleshnatmak Anushilan” at International Seminar on Vishwa mein Badhte Hindi ke Charan. Kendriya Hindi Sansthan, Agra and Upadhi Mahavidhyalaya, Pilibhit. (4-5 November, 2017).

“Ahindi Bhashi khetra Mein Hindi ki Sthiti (Odisha Ke Vishesh Sandarbh Mein)” at International Seminar on Hindittar Pranton ewam Videshon mein Hindi Bhasha -Sahitya: Dasha - Disha. Bhartiya Vidhya Mandir- Bhartiya Sanskriti Sansad. (5-7 January, 2018).

“Hindi Navjagran Mein Patrakarita ka Yogdan” at National Seminar on Hindi Patrakarita ka Swarop: Chunotiyen ewam Sambhavnayen. Jagdish Saran Hindu Santkottar Mahavidhyalaya, Amroha, U.P. (20-21 February, 2018).

### **Suresh Singh Rathore**

“Samaj, Sahitya Aur Cinema men upekshit varg ka swar” at National Seminar on Cinema, Sahitya Aur Samaj. Deptt. of Hindi, University of Rajasthan, Jaipur. (25-26 March, 2017). Presentation

“Hindi Cinema men Hashiye ki Awazen.” at International Seminar on Hindi ka Vaishvik swarop: sambhawanaen evn Chunoutiyen. Department of Hindi, University of Panjab, Chandigarh. (8-9 September, 2017).

### **Sandeep V. Ranbhirker**

“Moolya Shiksha Evam Charitra Nirman” at National Conference on Moolya Shiksha Evam Charitra Nirman. Shri Ratanlal Kanwarlal Patani Govt. PG College, Kishangarh, Rajasthan, India. (23 September, 2017).

## **Department of Management**

### **Maithili R.P. Singh**

“Determinants of Customer Satisfaction in Indian Telecom Sector: An Empirical Study” at 11th International Conference on Healthcare Systems & Global Business Issues. IMS Unison University, Dehradun, India. (January 2-3, 2018).

## **Department of Mathematics**

### **D. C. Sharma**

“Mathematical Analysis of Machine Repair Problem with Ccoomon Cause Failure, Hot Spare and Multiple Repairmen” at 21st Conference of the International Federation of Operational Research Societies (IFORS). Quebec City Convention Centre, Canada. (July 17-21, 2017).

### **Ram Kishor**

“Normalization of Hamiltonian in the Chirmnykh-like Problem under the influence of Perturbations” at 21st International Conference of International Academy of Physical Sciences (CONIAPS XXI) on Symbiotic Development of Mathematical, Physical, Chemical & Computational Sciences. GJUS&T, Hisar, Haryana. (28-30 October, 2017).

“Normalization of Hamiltonian in the Restricted Three Body Problem with Oblate Primaries” at 83rd Annual Conference of IMS-an International Meet. SV University, Tirupati, A.P. (12-15 December, 2017).

“Computation of Complex Normal Form in the Spatial Photo Gravitational Restricted Three Body Problem with Oblate Primaries” at the Best Poster Award Programme of ISCA 2018. Manipur University, Imphal, Manipur. (16-20 March, 2018).

### **Jai Prakash Tripathi**

“A model of social-behavior: Criminal versus Non-Criminal” at International Conference on Applied Analysis and Mathematical Modeling. Istanbul Gelisim University, Istanbul, Turkey. (July 3-7, 2017).

“A non-autonomous ecological model with applications” at ICACIE-2017. Central University of Rajasthan, Ajmer, Rajasthan, India.(November 23-25, 2017).

“A non-autonomous predator-prey model with Crowley-Martin” at International Conference on Mathematics and Computing. Department of Mathematics, IIT BHU. (January 9-11, 2018).

“A diffusive predator-prey model with additional food” at CONIAPS XXII. Dr. R.M.L. Avadh University Faizabad, U.P., India. (April 13-15, 2018).

### **Vijay Kumar Yadav**

“On Minimal Fuzzy Realization for Fuzzy Behaviour” at CONIAPS XXII On Emerging Trends in Physical Sciences. Dr. Ram Manohar Lohia Avadh University, Faizabad-224001, U.P., India. (April 13-15, 2018).

### **Vipul Kakkar**

“Boolean Loops with Compact Left Inner Mappings Groups” at Indian Institute of Information Technology, Allahabad.(March 14-16, 20017).

## **Department of Microbiology**

### **Pawan K. Dadheech**

“Insights into modern approach in systematics of cyanobacteria” at All India Botanical Conference, Department of Botany, Punjabi University, Patiala. (15-17 September, 2017).

“Role of polyphasic approach in characterization of cyanobacteria (a natural source of valuable compounds)” at National Seminar on Microbes and Human Welfare. School of Life Sciences, Jaipur National University, Jaipur. (23-25 September, 2018).

### **Chandra Sekhar Gahan**

“Comparison of batch and fed batch bioleaching of Zn from sphalerite” at Waste to Wealth in Mineral and Metallurgical Industries (WMMI-2018). IIM, Bhubaneswar Chapter and CSIR-IMMT, Bhubaneswar, Odisha. (9-10 March, 2018)

### **Akhil Agrawal**

“Souring control by removing sulfate from injection water using oil field as biofilter” at 58th Annual Conference of Association of Microbiologists of India. Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2018).

“An Effective Approach for Enhanced Recovery of Oil using Nanoparticles Mixture” at 24th ISCB International Conference (ISCBC2018). Manipal University Jaipur, Jaipur. (11-13 January, 2018).

### **Vijay K. Verma**

“An insight into the role of N-terminal domain of Helicobacter pylori DnaB helicase” at 86th Annual conference of Society of Biological Chemists (SBC-2017) on Emerging Discoveries in Health and Agricultural Science. Jawaharlal Nehru University, New Delhi. (16-19 November, 2017).

“Identification of novel membrane/secretory protein(s) of Helicobacter pylori” at 86th Annual conference of Society of Biological Chemists (SBC-2017) on Emerging Discoveries in Health and Agricultural Science. Jawaharlal Nehru University, New Delhi. (16-19 November, 2017).

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

### **C. Jeevan Kumar**

“Impact of Demonetization on Indian Economy: An Empirical Analysis” at 5th International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM-2017). Conference Info, Bengaluru, Karnataka. (26 November, 2017).

“Social Exclusion and Policy Concerns in India” at International Seminar on Governance, Public Policy and Public Administration. Department of Public Administration, University of Rajasthan. (January 24-25, 2018).

### **Anjan Kumar Sahu**

“Climate Change and Governance: An analysis of India” at International conference. Department of Public Administration, University of Rajasthan. (24-25 January, 2018). Presentation

“Securitisation of Climate Change: An analysis of China” at International conference. Department of Civics and Politics, University of Mumbai. (26-28 February, 2018).

### **Gyana Ranjan Panda**

“Governance and Digitalisation: The Study of Diagnostic Approach to Corruption in Social Sector Public Service Delivery in India” at National Seminar on Combating Corruption: The Discourse of Developmental Democracy vis-à-vis Bureaucracy. Department of Political Science, University of Kerala. (October 24-26, 2017).



## **Department of Social Work**

### **Jagdish Jadhav**

“Positive Youth Development and Substance Abuse among Youth: A Systematic Review” at National Seminar on Drug Abuse Prevention: Social Work Perspective. Department of Social Work, Central University of Himachal Pradesh, Dist. Kangra (H.P). (10-11 February, 2018).

“Issues of Most Marginalized Communities in Neo-liberalized Era: In Search for Solutions” at National Seminar on Social Justice in Neoliberal Times: Issues and Concerns. Department of Social Work, University of Delhi. (16-17 April, 2017).

### **Subhasis Bhadra**

“Entrepreneurship development at the grassroots level among the most marginalised Leprosy affected people” at 3rd International Conference on Advances in Management & Decision Sciences. School of Management, Gautam Buddha University, Greater NOIDA, UP. (30-31 December, 2017).

“Marginalization of the Poor Leprosy Affected Communities: A Life Course Perspective towards Livelihood Intervention” at National Seminar on Poverty and Social Exclusion: A Life Course Perspective. Indian Institute of Public Administration, New Delhi. (12-13 April, 2018).

“Analysing Effectiveness of Drawing and Picture Cards as part of qualitative Assessment of Life Skills Module for Juvenile Delinquents in India, presented” at 44th National Annual Conference of Indian Association of Clinical Psychologists. Department of Psychology and Mental Health School of Humanities and Social Sciences, Gautam Buddha University, Greater NOIDA, UP. (23-24 February, 2018).

“Elderly Survivors of Disasters in India: Concerns and Provisions of Care” at Presented in National Seminar on Empowering Elderly in Vulnerable Constituencies. Department of Social Work, Delhi University, Delhi. (17-18 February, 2018).

“Mental Health During Disasters: A Public Health Concern in India” at International Colloquium on Primary Health Care in India-Practices and Challenges. Department of Social Work, Central University of Rajasthan. (12 January, 2018).

### **Shaizy Ahmed**

“Community based learning & Practices on Eco-WaSH” at Capacity Building Workshop. Department of Social Work, Central University of Rajasthan. (22 November, 2017).

“Rural Women initiatives towards resourcefulness; A case study of Rajasthan” at National seminar on Women as critical partners in an egalitarian society: An evaluation of the current status in India. The North Cap University, Gurugram, Haryana. (8-9 March, 2018).

“Role of Civil Society in strengthening service delivery system; A case study of Rajasthan” at International seminar on Convergence of Development, Governance & civil society; Changing role of the state. Department of Public administration, University of Rajasthan, Jaipur. (24-25 January, 2018).

### **Atiq Ahmed**

“Issues of Primary Health Care-In the context of Rajasthan” at International Colloquium on Primary Health Care in India-Practices and Challenges. Department of Social Work, Central University of Rajasthan. (12 January, 2018).

**Rajeev M. M.**

"Health Risk and Vulnerability of the People Working in the Marble Processing Units in Kishangarh, Ajmer district, Rajasthan" at 5th Annual National Conference of All India Association of Medical Social Work Professionals. Government Medical College & Hospital, Chandigarh. (24-25 March, 2018).

**D.P. Negi**

"Issues and challenges of Elderly Women in Rural Rajasthan: Reflection from Field work" in the Seminar on Women Empowerment towards Gender Equality, Department of History, Indira Gandhi University, Meerut Rewari Haryana. (29th March 2018)

**Department of Statistics****Deepesh Bhati**

"Test procedure to identify super heavy v/s heavy tails" at National Seminar on Statistical Modelling and Applications (NSSMA-2018). Department of Statistics, Shivaji University, Kolhapur. (23-24 February, 2018).

**Sanjay Kumar**

"Generalized naïve ratio and product based estimators in simple random sampling" at National Conference on "Statistics for humanities and Social Sciences: Recent Trends & Advancements. Rajasthan Statistical Association & Dept. of Lifelong Learning, University of Rajasthan, Jaipur, Rajasthan. (15-16 January, 2018).

**Mahendra Saha**

"Bootstrap Confidence Intervals of the Difference between Two Generalized Process Capability Indices for inverse Lindley Distribution" at 20th Annual Conference of Vijnana Parishad of India (MSSCID-2017). Dept. of Mathematics and Statistics. Manipal University, Jaipur. (November 24-26, 2017).

**Arvind Pandey**

"Inverse Guassian Shared Frailty Models based on Additive Hazard" at 20th Annual Conference of Vijnana Parishad of India (MSSCID-2017). Department of Mathematics and Statistics. Manipal University, Jaipur. (November 24-26, 2017).

**Abhimanyu Singh Yadav**

"Bayesian Estimation of  $R=P[Y<X]$  for Lomax Model Using Censored Data" at National Conference on Statistics for Humanities and Social Sciences: Recent Trends and Advancement. Rajasthan Statistical Association & Department of lifelong learning, University of Rajasthan, Jaipur. (January 15-16, 2018).

"Bayesian Estimation of  $R=P[Y<X]$  Using Hybrid Type-II Censored Data" at 20th Annual Conference of Vijnana Parishad of India on Mathematical Sciences and Scientific Computing for Industrial Development. Department of Mathematics and Statistics, School of Basic Sciences, Manipal University Jaipur, Rajasthan. (November 24-26, 2017).

## Department of Biochemistry

**Biswas, D.**, "Optimization of effective disinfectant concentration against Carbapenem resistant strain of *Acinetobacter baumannii*" at Annual conference of Association of Microbiologist of India AMI, 58th Annual conference and International symposium. Lucknow, India. (16-19 November, 2017).

**Chowdhury, K.**, "Citrullus colocynthis extract inhibits osteosarcoma proliferation by reducing cellular cholesterol" at 7th International Conference on Advances in Drug Discovery and Development. Kolkata, India. (20-22 September, 2017).

**Pandey, R. K.**, "Immunoselective algorithm to devise multi-epitope subunit vaccine fighting against Epstein-Barr virus infection" at 5th Workshop on Emerging Issues in Oncogenic Virus Research. Manduria Italy, Italy. (30 May-3 June, 2018).

**Sharma, A.**, "Cold Exposure Alters the Expressions of Genes Involved in Tumorigenesis" at International World cancer congress (WCC) 2017. Kolkata, India. (20-22 September, 2017).

**Sharma, A.**, "Depletion of cellular cholesterol attenuates epithelial to mesenchymal transition of breast cancer cells" at National seminar on cancer prevention and treatment strategies. Rajasthan University Jaipur, India. (22-23 December, 2017).

**Sharma, A.**, "Metformin Targets Cellular Cholesterol to Prevent Breast Cancer Proliferation and Metastasis" at 1st Indian Breast Cancer International Conference (IBCC). Jaipur, India. (7-8 October, 2017).

**Sharma, T.**, "Osteoblast potential responsible for microcalcification Correlates with metastasis and malignancy of breast cancer" at 1st annual Breast Cancer Conference. Jaipur, India. (7-8 October, 2017).

## Department of Biotechnology

**Chahar, K. R.**, "Regulation of sphingosine kinase-1 gene expression in extra villous trophoblast cells" at International Conference on World Congress on Reproductive health with emphasis on family planning and assisted reproductive technology and 28th Annual meeting of the Indian Society for the study of Reproduction and Fertility". CSIR-IICT, Hyderabad, India. (23-25 February, 2018).

**Kumar, S.**, "Application of Protein Aggregates Produced in *E. coli* as particular biocatalyst in Aldol Reaction" at 86th conference of Social and Biological Chemist Conference on Emerging Discoveries in Health and Agricultural Science. JNU, New Delhi, India. (16-19 November, 2017).

**Kumar, V.**, "Application of Protein Aggregates Produced in *E. coli* as particular biocatalyst in Aldol Reaction" at 86th conference of Social and Biological Chemist Conference on Emerging Discoveries in Health and Agricultural Science". JNU, New Delhi, India. (16-19 November, 2017).

**Kumar, V.**, "Integrin Beta8 signaling via FAK and RAC1 during embryo implantation" at World Congress on Reproductive health with emphasis on family planning and assisted reproductive technology and 28th Annual meeting of the Indian Society for the study of Reproduction and Fertility. CSIR-IICT, Hyderabad, India. (23-25 February, 2018).

**Kumar, V.**, "Regulation of matrix remodeling proteins i.e. TIMPs and MMPs expression in extra villus trophoblast" at World Congress on Reproductive health with emphasis on family planning and assisted reproductive technology and 28th Annual meeting of the Indian Society for the study of Reproduction and Fertility". CSIR-IICT, Hyderabad, India. (23-25 February, 2018).

**Sharma, D.**, "In-silico Molecular Docking Analysis and Simulation Studies on Apicoplasr Proteins of Malaria Parasite" at Conference on "International Vaccine Conference. ICGEB, New Delhi, India. (27-29 November, 2017).

**Sharma, D.**, "In-silico Molecular Docking Analysis and Simulation Studies on Apicoplasr Proteins of Malaria Parasite" at Conference on Breaking Barriers through Bioinformatics and Computational Biology. IIT, New Delhi, India. (31July- 1 August 27, 2017).

**Shekhawat, I.**, "Differential regulation of lysophospholipids receptors in endometrium during ovulation of sheep breeds under semi-arid region". Poster presented at World Congress on Reproductive health with emphasis on family planning and assisted reproductive technology and 28th Annual meeting of the Indian Society for the study of Reproduction and Fertility". CSIR-IICT, Hyderabad, India (23-25 February, 2018).

**Verma, N.**, "Biological reprofessing of FDA approved drugs for identification of potent QS inhibitor and antibiofilm agent; targeting Psuedomonas aeruginosa LasR through enhance molecular docking and dynamics study" at Conference on Targeting phase and antibiotic resistance world congress 2018. Italy. (17-18 May, 2018).

### **Department of Chemistry**

**Badgurjar, D.**, "Sequential Photo-induced Energy Transfer followed by Electron Transfer in Benzthiazole-BODIPY-Zinc Porphyrin-Fullerene Donor-Acceptor Tetrad: An Efficient Model for Artificial Photosynthesis" at 3rd International Conference on Proton Coupled Electron Transfer (PCET 2018). Blowing Rock, North Carolina, USA. (June 10-14, 2018).

**Badgurjar, D.**, "Sequential Photo-induced Energy Transfer followed by Electron Transfer in Benzthiazole-Zinc Porphyrin-Fullerene Donor-Acceptor Triads: An Attempt to Mimic Photosynthetic Reaction Center" at 21st CRSI National Symposium in Chemistry, IICT Hyderabad. (July 13-16, 2017).

**Bhati, M.**, "Effect of Proximity of the Ion-tag to the Reaction Site of Proline Based Organocatalysts on the Asymmetric Aldol Reaction" at International conference on frontiers at the Chemistry-Allied science interface (FCASI-2017). Rajasthan University, Jaipur. (July 22-23, 2017).

**Bhati, M.**, "Effect of Proximity of the Ion-tag to the Reaction Site of Proline Based Organocatalysts on the Asymmetric Aldol Reaction" at XIII J-NOST. Banaras Hindu University, Varanasi. (November 9-12, 2017).

**Gangada, S.**, "Supramolecular Tetra (Bis(4'-tert-butylbiphenyl-4-yl) aniline) Zinc(II) Porphyrin-Fullerene Donor-Donor-Acceptor (D1-D2-A) Triads as Model for Natural Photosynthetic Reaction-Center Complex" at National Conference on Recent Advances on materials for Sustainable Energy. IIT, Dhanbad. (March 3-5, 2018).

**Gangada, S.**, "Synthesis and Spectroscopic Studies of Tetra (Bis(4'-tert-butylbiphenyl-4-yl) aniline)-Zinc(II)porphyrin-Donor-Acceptor Dyads" at International Conference on Frontiers at the Chemistry-Allied Sciences interface. Rajasthan University, Jaipur. (July 22-23, 2017).

**Jain, K.**, "Phenothiazine Porphyrin Dyes for Solar Energy Harvesting" at International conference on frontiers at the Chemistry-Allied science interface (FCASI-2017). Rajasthan University, Jaipur. (July 22-23, 2017). Presentation

**Jain, S.**, "Pentacoordinated mixed terpyridine-phenanthroline copper(II) complex: Synthesis, structural determination and DNA-binding studies" at International conference on frontiers at the Chemistry-Allied science interface (FCASI-2017). Rajasthan University, Jaipur. (July 22-23, 2017).

**Jha, A. K.**, "Generation of Chromanols using an Arginine Catalysed Cascade Cyclisation" at XIII J-NOST. Banaras Hindu University, Varanasi. (November 9-12, 2017).

**Jha, A. K.**, "A Nucleophilic Activation of Carboxylic Acids by Proline: Oxa-Michael Addition to Methyl Vinyl Ketone under Solvent-Free Conditions" at International conference on frontiers at the Chemistry-Allied science interface (FCASI-2017). Rajasthan University, Jaipur. (July 22-23, 2017).

**Khan, T. A.**, "Synthesis, physiochemical characterization and DNA interaction of bio-inspired Ruthenium(II) arene complexes" at International Conference on Frontiers at the Chemistry-Allied Sciences Interface (FCASI). Rajasthan University, Jaipur. (July 22-23, 2017).

**Pathare, R. S.**, "Transition metal catalysed synthesis of biologically active heterocyclic scaffolds" at XIII J-NOST. Banaras Hindu University, Varanasi. (November 9-12, 2017).

**Pathare, R. S.**, "Palladium Catalyzed synthesis of biologically active heterocyclic scaffolds and their application" at National Conference on Green Approach towards Environment and Chemical Science. Arts, Commerce & Science College, Narayngaon, Pune. (December 15-16, 2017).

**Rana, M.**, "Stilbene-diazo-dyes based Smart Multifunctional Metal Chelators for Alzheimer's Diseases" at International conference on frontiers at the Chemistry-Allied science interface (FCASI-2017). Rajasthan University, Jaipur. (July 22-23, 2017).

**Yadav, S.**, "New Water Soluble-heterocyclic carbene Ruthenium (II) Complexes: Synthesis and Catalytic Application" at 24th ISCB International Conference (ISCBC-2018). Manipal University, Jaipur. (January 11-13, 2018).

**Yadav, S.**, "New Pd-PEPSSI complexes: Synthesis and Catalytic Activity in C-H Bond Alkylation of Azoles with Alkyl Halide" at International conference on frontiers at the Chemistry-Allied science interface (FCASI-2017). Rajasthan University, Jaipur. (July 22-23, 2017).

### **Department of Culture & Media Studies**

**Shahu, G.**, "Media Representation of Tangible and Intangible Cultural Heritage of Nomadic Tribes in India" at National Seminar on Tangible and Intangible Heritage of Adivasi Culture in Central India: Continuity and Change. Department of Tribal Studies, IGNTU, Amarkantak, India. (15-16 September, 2017).

**Shahu, G.**, "An Adjustment of ICT in Everyday Life of Nomadic Tribes" at National conference on "Mediascape in 21st Century: Emerging Perspectives (with Special Emphasis on Indigenous & Tribal Social Communication)". Department of Journalism and Mass Communication, IGNTU, MP, India. (09-10 March, 2018).

### **Department of Economics**

**Kumari, L.**, "Impact Assessment of Joining Self-Help Groups on Women Empowerment In Haryana: A Case Study Of Mahendragarh District" at National Seminar on role of women in unpaid care work-issues, challenges and strategies. Central University of Rajasthan. (27-28 March 2018).

## Department of English

**Balveer**, "Marxian Influence on Vijaydan Detha's Aesthetics" at International Conference on Contemporary Trends in English Language and Literature: Exploring Post 2000 A.D. Writings. Chartered Institute of Technology, Aburoad. (4-5 November, 2017).

**Bhaduri, I.**, "An Undaunted Her-story of Burma: A Reading of Zoya Phan's Little Daughter: A Memoir of Survival in Burma and the West" at International Conference on Diaspora, Multiculturalism and Quest for Identity. Dept. of English, Sophia Girl's College, Ajmer. (17-19 February, 2018).

**Sucheta**, "Racism and Identity: A Diasporic Perspective of Chimamanda Adichie's Americanah" at the International Conference on Diaspora, Multiculturalism and Quest for Identity. Dept. of English, Sophia Girl's College, Ajmer. (17-19 February, 2018).

## Department of Public Policy, Law & Governance

**Chopra, S.**, "Legal Protection of Right to health & Governance of health schemes in India" at International Seminar on Convergence of Development, Governance & Civil Society: Changing Role of State. Department of Public Administration, University of Rajasthan. (24-25 January, 2018).

**Sharma, V.**, "Referendum: India & The Democratic World" at IMRF international conference on awareness in English studies, Women Empowerment, Business, Humanities & Social Science 2017. Carmel College for Women, Nuvem, Goa, India. (28-30 December, 2017).

**Sharma, V.**, "Westerns Sahara case study: The Sahrawi argument for self Determination" at IMRF International conference on Human Rights, Gender Studies, Law & Social Sciences 2018. Hotel Orbit, Industrial Cum Business park, Chandigarh, India. (22-24 February, 2018).

## Department of Commerce

**Hansa**, "Online Advertising and buyer's Perception: A study of tourism sector" at National Conference on Emerging Business Practices organized by Institute of Management Studies. BHU, Vranasi. (April 7-8, 2018).

**Jangid, K. and Kajla, R.**, "Reporting through Traditional Accounting v/s Cloud Accounting: A Comparative Study with Reference to Big Data" at 40th All India Accounting Conference and International Seminar on Accounting Education and Research. MLS University, Udiapur. (November 18-19, 2017).

**Meena, A. K.**, "A Literature Review on Initial Public Offering: Path to be followed" at International Conference on Disruptive Technologies: Path Ahead 2023. Rukmini Devi Institute of Advanced Studies, Delhi. (April, 12-13, 2018).

**Meena, A. K.**, "A Study on Demonetization with Special Reference to SWOT and PESTEL Analysis on Indian Banking Sector" at National Seminar on Changing Scenario of Indian Economy in 21st Century. Government P.G. College for Women, Rohtak. (January 17-18, 2018).

**Meena, A. K.**, "Performance of Initial Public Offering: A literature Review at International Conference on Contemporary Issues in Business Innovation, Technology and Social Sciences. Gautam Buddha University, Greater Noida. (June 1-2, 2018).

**Meena, A. K.**, "Performance of Initial Public Offering: Literature Review with Future Research Outline" at International Research Conference on Emerging Trends and Challenges in Globalized Digital Era. Chitkara University, Punjab. (May 25-26, 2018).

**Paliwal, L.,** Rustagi, V., Kumari, P. and Yadav, N., “Cloud Accounting: Present Scenario and Future Prospects with Reference to Security and Confidentiality” at 40th All India Accounting Conference and International Seminar on Accounting Education and Research. MLS University, Udaipur. (November 18-19, 2017).

**Rathore, J. S.,** “Demonetization and its Impact on Indian Economy” at 40th All India Accounting Conference and International Seminar on Accounting Education and Research. MLS University, Udaipur. (November 18-19, 2017).

**Rathore, J. S.,** “Strategic Similarities and Dissimilarities of Merged banks in Indian Banking Sector” at 70th All India Commerce Conference of Indian Commerce Association. IIS University, Jaipur. (October 12-14, 2017).

**Rathore, J. S.,** “Unpaid Care Work: The Universal Burden on Women Empowerment” at National Seminar on Role of Women in Unpaid Care Work Issues, Challenges and Strategies. Central University of Rajasthan, Ajmer. (March 27-28, 2018).

**Sidhu, A.,** “Price Discovery and Volatility Spillovers in Wheat Future Market in India” at International Conference on Digital Revolution in Business: Convergence and Integration. Panjab University, Chandigarh. (26-27 Sep, 2017).

**Soni, A.,** “Assessment of Gender Disparity in Financial Inclusion in India” at National Conference on Emerging Business Practices. BHU, Varanasi. (April, 7-8, 2018).

**Soni, A.,** “Gender Development in India- A view of Human Development Indices and Gender Development Indices” at International Conference on Empowering women: Fostering Entrepreneurship, Innovation, and Sustainability. SRCC, Delhi. (July 16-17, 2018).

**Soni, A.,** “Role of Microfinance in Women Empowerment: A Critical Study” at 70th All India Commerce Conference of Indian Commerce Association. IIS University, Jaipur. (October 12-14, 2017).

**Yadav, P.,** “Unequal Distribution of Unpaid Care Work: A Stumbling Block in Nation's Development” at National Seminar on Role of Women in Unpaid Care Work Issues, Challenges and Strategies. Central University of Rajasthan, Ajmer. (March 27-28, 2018).

### **Department of Computer Science & Engineering**

**Bharti, Y.,** “Counting the Number of People in Crowd as a Part of Automatic Crowd Monitoring” at the International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2018). Springer, Central University of Rajasthan, India. (6-7 April, 2018).

**Malik, A.,** “Middle ware Based Authentication Framework for IoT Networks” at International Conference on Inventive Research in Computing Applications (ICIRCA 2018), IEEE. RVS College Of Engineering And Technology, Coimbatore, Tamil Nadu, India. (11-12 July, 2018).

**Mishra K.,** “Image encryption utilizing lossy image compression” at International Conference on Computer, Communications and Electronics (Comptelix), 2017, IEEE. India. (1-2 July, 2017).

**Mishra, K.,** “A Fast Image Encryption Technique Using Henon Chaotic Map” at International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2017). Springer, Central University of Rajasthan, India. (23-25 November, 2017).

## Department of Environmental Science

**Dar, M. A.,"Isolation and Screening of Organophosphate Degrading Bacteria" at International Conference on Emerging Trends in Biotechnology for Waste Conversion (ETBWC) 2017 -XIV Annual Convention of the Biotech Research Society (BRSI) India. CSIR-National Environmental Engineering Research Institute (NEERI), Nagpur Maharashtra.(October 8-10, 2017). Second prize**

**Dubey, S. K.,"Assessment of climate change impact of crop production of Banas basin using AquaCrop model" at the 5th Rajasthan Science Congress. Amity University Rajasthan. (13-15 October, 2017).**

**Mundetia, N.,"Application of Geospatial techniques in morphometric assessment of river basin" at National Seminar on Forest, Water and Climate change. IGC for HEEPS University of Rajasthan, Jaipur. (21 March, 2018).**

**Sharma, K.,"Biodegradation of organophosphate pesticides contaminated soils by bacteria in Rajasthan" at National Seminar on Forest, Water and Climate change. IGC for HEEPS University of Rajasthan, Jaipur. (21 March, 2018).**

**Sharma, K.,"Isolation and process parameter optimization for microbial degradation of Ibuprofen" at International conference on Emerging trends in Biotechnology for waste conservation (ETBWC) 2017 -XIV Annual Convention of the Biotech Research Society (BRSI), India. CSIR-NEERI, Nagpur (Maharashtra). (October 8-10, 2017).**

## Department of Hindi

**Alka, "Hindi Bhasha Sahitya ki Dasha Disha (Pravasi Sahitya Vishesh Sandarbh Mein)" at International Seminar on Hindittar Pranton ewam Videshon mein Hindi Bhasha Sahitya: Dasha ewam Disha. Bhartiya Vidhya Mandir- Bhartiya Sanskriti Sansad. (5-7 January, 2018).**

**Alka, "Maithilisharan Gupt ki Rachnaon mein Rashtrawad ka Swaroop"at International Seminar on Rashtrawad ki Sankalpana aur Uske Vividh paridrishya. Kendriya Hindi Sansthan, Madhav Mahavidhyalaya, Gwalior. (16-17 December, 2017).**

**Alka, "Shrimadbhagwat Geeta mein Mulya Shiksha" at National Seminar on Mulya Shiksha aur Charitra Nirman. Shri Ratanlal Kanwar Patni Rajkiya Snatkottar Mahavidhyalaya, Kishangarh. (22-23 September, 2017).**

**Alka, "Sudha Om Dhingra ki Kahaniyon mein Mansik Dwandwa ya Tanav" at International Seminar on Pravasi Hindi Sahitya: Dasha ewam Disha. Dr. Bhimroa Ambedkar VishwaVidhyalaya, Agra. (12-13, January).**

**Alka, "Vishwa mein Badhte Hindi ke Charan" at International Seminar on Pravasi Hindi Sahitya ki Dasha aur Disha. Kendriya Hindi Sansthan and Upadhi Mahavidhyalaya, Pilibhit. (4-5 November, 2017).**

**Bareth, V. S., "Rajasthani Sahitya mein Rashtrvadi Bhavna ewm Uske Vividh Roop" at International Seminar on Rashtrawad ki Sankalpana aur Uske Vividh paridrishya. Kendriya Hindi Sansthan, Madhav Mahavidhyalaya, Gwalior. (16-17 December, 2017).**

**Bareth, V. S., 'Hindi Sevi Sansthaanon ka Hindi ke Vikas mein Yogdan" at International Seminar on Hindittar Pranton ewam Videshon mein Hindi Bhasha Sahitya: Dasha ewam Disha. Bhartiya Vidhya Mandir- Bhartiya Sanskriti Sansad. (5-7 January, 2018).**

**Baudh, P. K., "Ekatmvaad Aur Sant Raidas Ka Kavya" at International Seminar on Ekatmvaad Aur Sant kavya. Hindi Kashmiri Sangam Evam Kendriya Hindi Sansthan laddakh. (25-26 August, 2017).**



**Baudh, P. K.,"Hindi Aur Bhojpuri ki Rashtriya Sankalpana" at International Seminar on Rashtravaad ki Sankalpana Aur usake Vividh Paridrishya. Kendriya Hindi Sansthan, Agra Evam Madhaw Mahavidyalaya, Gwalior. (16-17 December, 2017).**

**Baudh, P. K.,"Hindi Bhasha ka Badalata Swaroop: Adhunik Pariprekshya me" at International Seminar on Vishwa me Badhate Hindi ke Charan. Kendriya Hindi Sansthan and Upadhi Mahavidhyalaya, Pilibhit. (4-5 November, 2017).**

**Baudh, P. K.,"National Seminar on Mahakavi Acharya Sri Vidyasagar Maharaj ka Sahitya Evam Bharatiya Sanskriti ko Awadan. Rajasthan Kendriya Vishwavidyalaya Ajmer. (22-24 October, 2017).**

**Charan, A. K.,"Hindi Pradesh Visheshkar Rajasthan ki Hindi Sevi Sansthaon ka Hindi Prasar mein Yogadan" at International Seminar on Hindittar Pranton ewm Videshon me Hindi Bhasha Sahitya: Dasha – Disha. Bhartiya Vidya Mandir ewm Bhartiya Sanskriti Sansad, Kolkata. (5-7 January, 2018).**

**Charan, A. K.,"Kedarnath Singh ke Kavya mein Abhivyakt Bhojpuri Lok Sanskriti" at National Seminar on Bhojpuri ka Sanskritik Bodh aur Uski Vrtman Sahitiyik Upsthati. Bhojpuri Adhyan Kendra, School of Art, Banaras Hindu University, Banaras. (22-23 January, 2018).**

**Charan, A. K.,"Kedarnath singh ki kavitaon me Rajnitik Chetana" at International Seminar on Rashttr ki snklpana or uske vividh paridrishy. Kendriy hindi Sansthan, Agra and Madhav Mhavidyalay, Gwalior. (16-17 December, 2017).**

**Charan, A. K.,"Veshvik hindi kavita or Kedarnath singh"at International Seminar on Veshvik hindi ke Badhte Charan. Kendriya Hindi Sansthan and Upadhi Mahavidhyalaya, Pilibhit. (4-5 November, 2017).**

**Kumar, G.,"Bazar mein Hindi ewam Hindi ka Bazar" at International Seminar on "Vishwa mein Badhte Hindi ke Charan. Kendriya Hindi Sansthan and Upadhi Mahavidhyalaya, Pilibhit. (4-5 November, 2017).**

**Kumar, G.,"Hindi Bhasha ki Vartman Sthiti ewam Mahata" at International Seminar on Hindittar Pranton ewam Videshon mein Hindi Bhasha Sahitya: Dasha ewam Disha" Jagdeesh Saran Hindu Snatkotter Mahavidhyalaya, Amroha. (5-7 January, 2018).**

**Kumar, G.,"Hindi ptrakarita mein Sambhavnaye ewam Simayen" at International Seminar on Hindi Ptrakarita ka Swaroop: Chunautiya ewam sambhavnaye. Dr. Bhim Roa Ambedkar VishwaVidhyalaya, Agra. (20-21, February).**

**Kumar, G.,"Samajik Mulyon ke Vikas mein Sahity ka Yogdan" at National Seminar on Sahity, kala ewam Sanskriti Sansthan. Maharana Pratap Sangrahaly, Haldighati, Nathdwara. (3 September, 2017).**

**Kumar, G.,"Smavesi Bharat mein Vishishit Shiksha ka Mahtva" at National Seminar on "Samaveshi Bharat - Samaveshi Shiksha. Dr. Shakuntala Mishra Rashtriya Punarvas Vishavidyalay, Lucknow. (19 September, 2017).**

**Mishra, A. K.,"Awadhi Lokgeeton Mein Sanskritik Mulya" at International Seminar On Sanja Lokotsav. Pratikalpa Sanskritik Sanstha, Ujjain-Madhya Pradesh. (09-10 September, 2017).**

**Mishra, A. K.,"Hindi Bhasha ke Vikas Mein Hindi Sevi Sansthaon Ki Bhumika" at International Seminar on Hindittar Pranton Ewam Videshon mein Hindi Bhasha Sahitya: Dasha Ewam Disha. Bhartiya Vidhya Mandir – Bhartiya Sanskriti Sansad. (5-7 January, 2018).**

**Mishra, A. K.,** “Hindi ke vividh aayam Bhumandlikrit vishwa” at International Seminar on Vishwamein Badhte Hindi ke Charan. Kendriya Hindi Sansthan and Upadhi Mahavidhyalaya, Pilibhit. (4-5 November, 2017).

**Mishra, A. K.,** “Hindi Upanyason Ki Trasadi Aur Aurat” at International Seminar on Hindi-Urdu Ki Sajhi Virasat Aur Stri Lekhan. Banaras Hindu University, Varansi-Uttar Pradesh. (27-29 march, Presentation 2018).

**Mishra, A. K.,** “Nai Kahani Aandolan Aur Swatantrayottar Bharat” at International Seminar on Rashtrawad Ki Sankalpana Aur Uske Vividh Paridrishya. Kendriya Hindi Sansthan, Madhav Mahavidhyalaya, Gwalior. (16-17 December, 2017).

**Mishra, A. K.,** “Sant Danna Ke Kavya Mein Ekatmavad” at International Seminar on Hindi Sahitya Mein Ekatmavaad. Hindi Kashmiri Sangam and Kendriya Sansthan Agra, Leh(Laddakh). (25-26 August, 2017).

**Mishra, S. K.,** “Hindi Pradeshon Mein Hindi Ki Dasha Aur Disha” at International Seminar on Hindittar Pranton Ewam Videshon mein Hindi Bhasha Sahitya: Dasha Ewam Disha. Bhartiya Vidhya Mandir – Bhartiya Sanskriti Sansad. (5-7 January, 2018).

**Mishra, S. K.,** “Janmanas Ki Pahchan Banti Hindi” at International Seminar on Vishwamein Badhte Hindi ke Charan. Kendriya Hindi Sansthan and Upadhi Mahavidhyalaya, Pilibhit. (4-5 November, 2017).

**Mishra, S. K.,** “Kashi Ka Assee' Upanyaas Mein Abhivyakti Banarasi Sanskriti” at International Seminar on Sanja Lokotsav. Pratikalpa Sanskritik Sanstha, Ujjain-Madhya Pradesh. (09-10 September, 2017).

**Mishra, S. K.,** “Rashtrvad Ka Svar Aur Bhart Uday” at International Seminar on Rashtrawad Ki Sankalpana Aur Uske Vividh Paridrishya. Kendriya Hindi Sansthan, Madhav Mahavidhyalaya, Gwalior. (16-17 December, 2017).

**Mishra, S. K.,** “Sufi Darshan Mein Ekatmavad Ka Swar” at International Seminar on Hindi Sahitya Mein Ekatmavaad. Hindi Kashmiri Sangam and Kendriya Sansthan Agra, Leh (Laddakh). (25-26 August, 2017).

**Mishra, S. K.,** “Vaeshvik Patal Par Hindi Ka Badhta Mahttva” at International Seminar and Conference on 'Vishv Ki Hindi Aur Hindi Ka Vish. Indian Language and Culture Center and Liflang Learning Department, Rajasthan University, Jaipur. (20 -21 January, 2018).

### **Department of Microbiology**

**Agrawal, K.,** “Substrate affinity of laccase and discrepancy in relation to enzyme activity” at International Conference on Biotechnology and Biological Sciences. University of Engineering & Management, Kolkata. (25-26 August, 2017).

**Bhardwaj, N.,** “Aqueous two phase extraction of fungal xylanase in PEG/Sulphate system: optimization using response surface methodology” at International Conference on Biotechnology and Biological Sciences. University of Engineering & Management, Kolkata. (25-26 August, 2017).

**Brar, A.,** “Phycoremediation of textile effluents and bioenergy production: a sustainable economic solution to environment cleanup and waste management” at International Conference on Emerging Trends in Biotechnology for Waste Conversion and XIV Annual Convention of Biotech Research Society India. CSIR-NEERI, Nagpur, India. (08-10 October, 2017).

**Brar, A.**, "Bioremediation of the textile waste effluent by *Anabaena ambigua*" at 58th Annual Conference of Association of Microbiologists of India (AMI-2017) & International Symposium on Microbes for Sustainable Development: Scope & Applications (MSDSA-2017). Babasaheb Bhimrao Ambedkar University, Lucknow, India. (16-19 November, 2017).

**Himanshi**, "Comparative study of batch and fed-batch processes for bioleaching of base metals from waste mobile phone PCBs" at Waste to Wealth in Mineral and Metallurgical Industries (WWMMI-2018). IIM, Bhubaneswar Chapter and CSIR-IMMT, Bhubaneswar, Odisha. [9-10 March, 2018]. Second prize

**Himanshi**, "Group seminar Board of Research in Nuclear Sciences (BRNS) and Association of Environmental Analytical Chemistry of India (AEACI) Thirteenth School on Analytical Chemistry". CSIR-IMMT, Bhubaneswar, Odisha. (23-30 April, 2018). Third prize

**Kashyap, S.**, "Screening of nickel tolerant endophytic bacteria from plants growing in nickel contaminated soil" at International Conference on Trends in Biochemical and Biomedical Research: Advances and Challenges (TBRR-2018). Department of Biochemistry, Institute of Science, Banaras Hindu University, Varanasi. (February 13-15, 2018).

**Kumar, B.**, "Optimization of microwave assisted pretreatment of rice straw with FeCl<sub>3</sub> in combination with H<sub>3</sub>PO<sub>4</sub> for improving enzymatic hydrolysis" at International Conference on Biotechnology and Biological Sciences. University of Engineering & Management, Kolkata. (25-26 August, 2017).

**Kumar, M.**, "Bioconversion of marine wastes to chitooligosaccharides: a novel approach towards the coastal pollution reduction and waste management" at International Conference on Emerging Trends in Biotechnology for Waste Conversion and XIV Annual Convention of Biotech Research Society India. CSIR-NEERI, Nagpur, India. (08-10 October, 2017).

**Kumar, M.**, "Biosynthesis of silver nanoparticles from *Aspergillus terreus* and their antioxidant activity" at 58th Annual Conference of Association of Microbiologists of India (AMI-2017) & International Symposium on Microbes for Sustainable Development: Scope & Applications (MSDSA-2017). Babasaheb Bhimrao Ambedkar University, Lucknow, India. (16-19 November, 2017).

**Nagar, N.**, "Group seminar Board of Research in Nuclear Sciences (BRNS) and Association of Environmental Analytical Chemistry of India (AEACI) Thirteenth School on Analytical Chemistry". CSIR-IMMT, Bhubaneswar, Odisha. (23-30 April, 2018). First prize

**Nagar, N.**, "Batch bioleaching of Nickel and Copper from spent petroleum refinery catalyst using iron and sulphur oxidizing chemolithotrophs" at Waste to Wealth in Mineral and Metallurgical Industries (WWMMI-2018). IIM, Bhubaneswar Chapter and CSIR-IMMT, Bhubaneswar, Odisha. (9-10 March, 2018).

**Neelam, D. K.**, "Isolation and identification of thermostable Ca<sup>2+</sup> independent  $\alpha$ -amylase producing moderately thermophilic bacterial strain from sand dunes of Thar Desert" at 58th Annual Conference of Microbiologist of India, Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2018).

**Prajapat, G.**, "Combination of biocide and metabolic inhibitors to control reservoir souring" at 58th Annual Conference of Microbiologist of India. Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2018).

**Prajapat, G.**, "Synergistic approach to control reservoir souring in oil fields of western India" at 24th ISCB International Conference (ISCB2018), Manipal University Jaipur, Jaipur. (11-13 January, 2018).

**Rellegadla, S.**, “Enhanced oil recovery in sandpack simulating columns using polymer-nickel nanoparticle mixture” at 58th Annual Conference of Microbiologist of India. Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2018).

**Saharan, V. V.**, “Prevalence and biofilm formation of Staphylococcus aureus from poultry” at 58th Annual Conference of Association of Microbiologists of India (AMI-2017) & International Symposium on Microbes for Sustainable Development: Scope & Applications (MSDSA-2017). Babasaheb Bhimrao Ambedkar University, Lucknow, India. (16-19 November, 2017).

**Tomer, A. K.**, “A Comparative study for microalgae biomass production in open and closed system using domestic wastewater” at National Symposium on Advances in Biology of Algae and Cyanobacteria (ABAC) 2018, Centre of Advanced Study in Botany, Institute of Science, Banaras Hindu University, Varanasi. (8-9 February, 2018).

**Tomer, A. K.**, “Screening of microalgae for a cost effective cultivation using untreated municipal sewage wastewater” at 58th Annual Conference of Microbiologist of India, Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2018).

**Verma, P.**, “Phenotypic adaptations of Salmonella associated with their Plant life-style” at 58th Annual Conference of Association of Microbiologists of India (AMI-2017) & International Symposium on Microbes for Sustainable Development: Scope & Applications (MSDSA-2017). Babasaheb Bhimrao Ambedkar University, Lucknow, India. (16-19 November, 2017).

### **Department of Pharmacy**

**Choudhary, B. S.**, “Identification of acetylcholinesterase inhibitors using multi-approach computational studies” at National Seminar on Emerging Trends in Drug Discovery, Pharmaceutical Science and Biomedical Research Department of Pharmacy, IGNTU, Amarkantak, MP, India. (17-18 March, 2018). Best poster award.

**Gothwal, A.**, “Dendrimer mediated approach for the improved stability effect of a mustine drug: Evidences in leukemic THP-1 cells and EAT solid tumor in BALB/c mice” at International Conference on Functional Nanomaterials and Nanodevices. European Nanoscience and Nanotechnology Association, Budapest, Hungary. (25-27 September, 2017).

**Harsha, P. J.**, “Synthesis, Characterization and Evaluation of PEGylated Carbon Nanotubes for the Better Delivery of Mangiferin to Brain Cells” at Nano Sci Tech 2017. Panjab University, Chandigarh, India. (8-10 November, 2017).

**Kaushik, L.**, “Docetaxel Palmitate: Synthesis, In-Silico Validation, Characterization and Evaluation of Nanoparticles” at NanoSciTech 2017. Panjab University, Chandigarh, India. (8-10 November, 2017).

**Kumar, M.**, “Multicomponent Reaction-based Synthesis of Coumarin Tagged, Glycine Targeted, Multifunctional Fullerene Nanocarriers for Enhanced Anti-cancer Activity and Improved Pharmacokinetics of Docetaxel” at the Controlled Release Society Annual Meeting & Exposition. Boston, USA (16-19 July, 2017).

**Kumar, M.**, “One Pot Synthesis of Multifunctional Fullerene Nanocarriers for Enhanced Anti-cancer Activity and Improved Pharmacokinetics of Docetaxel” at NanoSciTech 2017., Panjab University, Chandigarh, India. (8-10 November, 2017).

**Mehta, P.**, “Probing Voltage Sensing Domain of KCNQ2 Channel Underlying Treatment of Epilepsy in Neonates: A Comparative Study Using Pharmacophore and Homology Model Guided Screening” at 2017 AAPS Annual Meeting & Exposition. San Diego. California, USA. (12-15 November, 2017).

**Sukanya**, "Uncovering new GSK3 $\beta$  inhibitors from natural sources by structure based virtual screening" at the National Seminar on Emerging Trends in Drug Discovery, Pharmaceutical Science and Biomedical Research. Department of Pharmacy, IGNTU, Amarkantak, MP, India. (17-18 March, 2018). Best poster award

**Thakur, G. K.**, "Exploration of Malonic acid Derivatized C60-fullerenes for the Delivery of Methotrexate" at NanoSciTech 2017. Panjab University, Chandigarh, India. (8-10 November, 2017).

**Thotakura, N.**, "Aspartic acid derivatized Hydroxylated Fullerenes as drug delivery vehicles for Docetaxel: An explorative study" at 5th NanoToday Conference. Hawaii, USA. (6-10 December, 2017).

**Thotakura, N.**, "Synthesis, Characterization and Evaluation of Water Soluble Carbon Nanotubols for Delivery of Docetaxel to Breast Cancer Cells" at NanoSciTech 2017. Panjab University, Chandigarh, India. (8-10 November 2017).

### **Department of Physics**

**Chourasiya, H. K.**, "Characterizations of Materials" at IUAC. New Delhi. (4-9 September, 2017).

**Chourasiya, H. K.**, "Electrical Characterization of Ti/n-Si Schottky Diode in UV environment" at International Conference on Condensed Matter and Applied Physics (ICC-2017). Department of Physics, Govt. Engineering College, Bikaner, Rajasthan. (November 24-25, 2017).

**Chourasiya, H. K.**, "workshop on Nanofabrication technologies". IIT Bombay. (November 29-December 1, 2017).

**Dixit, S.**, "State space dependent coupling leading to death in coupled oscillators" at 12th Dynamics Day Delhi. Ashoka University, Sonapat, India. (November 25, 2017).

**Dixit, S.**, "Transient uncoupling induced death" at Complex Dynamical Systems and Applications (CDSA-2017). Indian Institute of Technology, Guwahati, India. (December 4-6, 2017).

**Verma, U. K.**, "Explosive death in coupled oscillators" at conference on Dynamics. Ashoka University, Sonapat, Haryana. (25 November, 2017).

**Verma, U. K.**, "Explosive death of oscillators coupled through an environment" at Conference Complex Dynamical Systems and Applications (CDSA). IIT Guwhati. (4-6 May, 2018).

### **Department of Social Work**

**Aamir, M.**, "A study on socio- demographic and health status of marble workers in Kishangarh" at First Industrial Congress. Dept. of Psychology, University of Rajasthan. (30-31 January, 2018). Presentation

**Choudhary, G. N.**, "stchosocial Factors Associated with Tuberculosis in Rural Rajasthan" at International Colloquium on Public Health. Department of Social Work, Central University of Rajasthan, Ajmer. (12 January, 2018).

**Choudhary, G. N.**, "Stress: Causes and Effects on Person's Well-being and Stress Management" at India- Japan International Conference, BICON- 2017. Biyani Group of Colleges, University of Rajasthan, Jaipur. (11-13 October, 2017).

**Harikrishna, N.**, "Mental health among School students studying in government schools in rural areas" at International Conference on School Mental Health. Dept. Social Work, Bharathidasan University, Khajamalai Campus, Tiruchirappalli, Tamilnadu. (October 25-26, 2017).

**Manu Priya**, “Contraceptive Technologies and gender discrimination in family planning: Violation of Reproductive rights of women in India” at International Seminar. Indian Institute of Law, new Delhi. (30 January, 2018).

**Manu Priya**, “Technological Development and Displacement: A menace to the indigenous people of Chhattisgarh” at International Seminar. NM Law College, Hanumargarh, Rajasthan. (11-12 November, 2017).

**Premnath**, “Contribution of PSU- Public Sector Undertaking, in Development through CSR activities” at International seminar on Convergence of Development, Governance and Civil Society: Changing role of the State. Department of Public administration, University of Rajasthan. (24-25 January, 2018).

**Rana, S.**, “A Study on the Efficiency of Primary Health Centres in Rajasthan: With Special References to Ajmer District” at International Colloquium on Primary Health Care India-Practices and Challenges. Department of Social Work, Central University of Rajasthan. (January 12, 2018).

**Rana, S.**, “Bhamasha Swasthya Bima Yojana: A Case Study of Bandar Sindri Village from Central Rajasthan” at Golden Jubilee International Seminar on Governance, Public Policy and Public Administration. Department of Public Administration, University of Rajasthan. (March 29-31, 2017).

**Rana, S.**, “Mukhya Mantri Nishulk Dawa Yojana: A Study of Ajmer District, Rajasthan” at International Seminar on Convergence of Development, Governance and Civil Society: Changing Role of the State. Department of Public Administration in collaboration with SAP-DRS Phase-II, University of Rajasthan. (January 24-25, 2018).

**Rana, S.**, “Positive Youth Development and Substance Abuse among Youth: A Systematic Review” at National Seminar on Drug Abuse Prevention: Social Work Perspective. Department of Social Work, Central University of Himachal Pradesh. (10-11 February, 2018).

**Rana, S.**, “Socio-Economic & Political Participation of Women in Local Self Government Institutions: Ajmer District Rural Rajasthan” at National Seminar on Empowerment of Marginalized Sections and Panchayati Raj Institutions. Social Science Research Centre & Department of Lifelong Learning, University of Rajasthan. (February 8-9, 2018).

**Verma, R.**, “Efficiency of Primary Health Centres in Rajasthan with special reference to Ajmer District” at XXIV RSA National Conference on Sanitation Health and Urban Development. University of Rajasthan. (21-22 December, 2017)

**Verma, R.**, “Mukhyamantri Nishulk Dawai Yojna: A Study of Ajmer District, Rajasthan” at International Seminar on Convergence of Development, Governance and Civil Society: Changing Role of the State. University of Rajasthan. (24-25 January, 2018)

**Verma, R.**, “A study on Efficiency of Primary health center in Special reference of Ajmer District of Rajasthan” at The International colloquium. Central University of Rajasthan. (12 January, 2018).

**Verma, R.**, “Socio-economic and Political Participation of Women in Local Self Government Institution: Ajmer District Rural Rajasthan” at National Seminar of Marginalized Sections and Panchayati Raj Institutiouons. University of Rajasthan. (8-9 February, 2018).

### **Vijay kumar Mallappa**

“Information Literacy in Research Environment” at Refresher Course in Research Methodology and Ethics. UGC-Human Resource Development Centre, MDS University, Ajmer. (24 May-13 June, 2018). Invited Lecturer

**“Information Literacy in Plagiarism”** at Refresher Course in Research Methodology and Ethics. UGC-Human Resource Development Centre, MDS University, Ajmer. (24 May-13 June, 2018). Invited Lecturer

**“Information Literacy in Research Environment”** at Training Program for Faculty of Higher Educational Institutions (HEIs). Teaching and Learning Centre (TLC@CURaj), Central University of Rajasthan. (1-26 May, 2018). Invited Lecture

**“Core Skills for Library & Informational Professionals in Digital Library Environment”** at 8th KSCLA Conference on Libraries with no Boundaries. Dept. of PG Studies and Research in Library and Information Science, Kuvempu University, Jnana Sahyadri, Shankaragatta, Shimoga, Karnataka. (16-17 February, 2018). Invited Lecture

**“Relative Growth Rate and Authorship Pattern in Grapes Literature: A Study”** at 6th IOS Conference on Information for All. Gandhi Bhavan, Bengaluru. (21-23 December, 2017). Invited Lecture

**“Mendeley: A Reference Management Tool”** at UGC Sponsored Refresher Course in Library and Information Science. UGC-Human Resource Development Centre, MDS University, Ajmer. (1 November-21 November, 2017). Invited Lecture

**“RFID Applications in Libraries”** at UGC Sponsored Refresher Course in Library and Information Science. UGC-Human Resource Development Centre, MDS University, Ajmer. (1 November-21 November, 2017). Invited Lecture

**“Plagiarism: An Academic Dishonesty and Breach of Ethics”** at UGC Sponsored Refresher Course in Library and Information Science. UGC-Human Resource Development Centre, MDS University, Ajmer. (1 November-21 November, 2017). Invited Lecture

**“Communication Skills for Library Professionals”** at UGC Sponsored Refresher Course in Library and Information Science. UGC-Human Resource Development Centre, MDS University, Ajmer. (1 November-21 November, 2017). Invited Lecture

**“E-Resources”** at PAC programme on Capacity Building Programme on Modernising the Library Services for the State of Uttarakhand, Haryana and Delhi. Regional Institute of Education, Ajmer, Rajasthan. (23-27 October, 2017). Invited Lecture

**“Soft skills for library professionals”** PAC programme on Capacity Building Programme on Modernising the Library Services for the State of Uttarakhand, Haryana and Delhi. Regional Institute of Education, Ajmer, Rajasthan. (23-27 October, 2017). Invited Lecture

**“Communication pattern among BRICS Countries: A Collaborative Approach through Web links”** at 8th KSCLA Conference on Libraries with no Boundaries. during, Dept. of PG Studies and Research in Library and Information Science, Kuvempu University, Jnana Sahyadri, Shankaragatta, Shimoga, Karnataka, India. (16-17 February, 2018)

**“A Study on Research Trends in the Central University of Rajasthan”** at 6th IOS Conference on Information for All. Gandhi Bhavan, Bengaluru, organised by Dept. of Public Libraries, Govt. of Karnataka and LIS Academy Bengaluru. (21-23 December, 2017)

### A. Journal Publications

#### Department of Architecture

##### Neeraj Gupta

Mishra, S., Gupta, N. (2018), Exploring women's perception about the planning & design of public parks in the planned neighbourhood of Bhubaneswar city, *Social Science Research Network*. DOI: 10.2139/ssrn.3233561.

#### Department of Atmospheric Science

##### Someshwar Das

Das S. (2017), Severe Thunderstorms Observations and Modelling – A Review, *Vayumandal (Bulletin of Indian Meteorological Society)*, 43 (2), 1-29.

Sarkar A., Devajyoti D., Paromita C., Das S. (2017), Numerical diagnosis of situations causing heavy rainfall over the Western Himalayas. *Modeling Earth Systems and Environment*, 3 (2), 515-531. **I. F. = 0.89**

##### Subrat Kumar Panda

Sharma A., Sharma D., Panda S. K., Dubey S. K., Pradhan R. K. (2018), Investigation of Temperature and its Indices under Climate Change Scenarios over Different Regions of Rajasthan State in India, *Global and Planetary Change*, 161, 82–96. **I. F. = 3.98**

Karri S., Dash S. K., Panda S. K., Paliwal M., Mishra S. K., Oh Jai-Ho (2018), Relative role of sea surface temperature and snow on Indian summer monsoon seasonal simulation using a GCM, *Arabian Journal of Geosciences*, 11(210), 1-14. **I. F. = 0.86**

Pradhan R. K., Sharma D., Panda S. K., Dubey S. K., Sharma A. (2018), Changes of precipitation regime and its indices over the Rajasthan state of India: impact of climate change scenarios experiments, *Climate Dynamics*, <https://doi.org/10.1007/s00382-018-4334-9>. **I. F. = 3.70**

#### Department of Biochemistry

##### Muthukalingan Krishnan

Pandiarajan, J., Krishnan, M. (2018), Comparative bacterial survey in the gut of lepidopteran insects with different bionetwork, *Microbiology*, 87(1), 103-115. **I. F. = 2.268**

Pandiarajan, J., Krishnan, M. (2017), Properties, synthesis and toxicity of silver nanoparticles. *Environmental Chemistry Letters*, 15(3), 387-397. **I. F. = 3.125**

Naveengandhi, R., Thiyonila, B., Aathmanathan, V. S., Ramya, T., Subramanian, N., Prajapati, V. K., Krishnan, M. (2018), Encapsulation and systemic delivery of 5-fluorouracil conjugated with silkworm pupa derived protein nanoparticles for experimental lymphoma cancer, *Biocojugate Chemistry*. DOI: 10.1021/acs.bioconjchem.8b00404. **I. F. = 4.8**

Berchmans, T., Reneeta, N. P., Kannan, M., Shantkriti, S., Krishnan, M. (2018), Dung beetle gut microbes : Diversity, metabolic and immunity related roles in host system, *International Journal of Scientific Innovations*, 1.1(2), 84–91.



Kannan, M., Ramya, T., Anbalagan, S., Suriya, J., Krishnan, M. (2017), Proteomic analysis of pupal gut serine protease of silkworm, *Bombyx mori*: Partial purification and biochemical characterization, *Biocatalysis and Agricultural Biotechnology*, 12, 159-165. **I. F. = 2.19**

Pandey, R.K., Ojha, R., Aathmanathan, V.S., Krishnan, M., Prajapati, V.K. (2018), Immunoinformatics approaches to design a novel multi-epitope subunit vaccine against HIV infection, *Vaccine*, 36(17), 2262-2272. **I. F. = 3.235**

Sankarappan, A., Mani, K., Sundaram, D., Chelliah, B., Krishnan M. (2018), Hierarchical dynamics influence the distribution of immature black flies (Diptera: Simuliidae), *Acta Tropica*, 177, 105-115. **I. F. = 2.47**

Jothi, N. S., Aathmanathan, V. S., Krishnan, M. (2017), Defensive Effect of 30kDa Protein from silkworm, *Bombyxmori* against apoptosis induced diseases, *Adv Res Gastroentero Hepatol* (5), 13-15.

Aathmanathan, V.S., Jothi, N., Prajapati, V.K., Krishnan, M. (2018), Investigation of immunogenic properties of Hemolin from silkworm, *Bombyx mori* as carrier protein: an immunoinformatic approach, *Scientific Reports*, 8(1), 6957. **I. F. = 4.12**

#### **Chandi C Mandal**

Chowdhury, K., Kumar, S., Sharma, T., Sharma, A., Bhagat, B., Asthana, S., Mandal, C.C. (2018), Presence of a consensus DNA motif at nearby DNA sequence of the mutation susceptible CG nucleotides, *Gene*, 639, 85-95. **I. F. = 2.3**

Chowdhury K., Sharma A., Kumar S., Gunjan, G. K., Nag, A., Mandal C.C. (2017), Colocynth extracts prevent epithelial to mesenchymal transition and stemness of breast cancer cells, *Frontiers in Pharmacology*, 8, 593. **I. F. = 4.48**

Sharma, A., Sharma, T., Panwar M.S., Sharma, D., Bundel, R., Hamilton, R. T., Radosevich, J. A., Mandal, C.C. (2017), Colder environments are associated with a greater cancer incidence in the female population of the United States, *Tumor Biology*, 39(10), 1010428317724784. **I. F. = 3.61**

Chowdhury, K., Sharma, A., Sharma, T., Kumar, S., Mandal, C.C. (2017), Simvastatin and MBCD inhibit breast cancer induced osteoclast activity by targeting osteoclastogenic factors, *Cancer Investigation*, 35(6), 403-413. **I. F. = 2.2**

#### **Vishvanath Tiwari**

Solanki, V., Tiwari, V. (2018), Subtractive proteomics to identify novel drug targets and reverse vaccinology for the development of chimeric vaccine against *Acinetobacter baumannii*, *Scientific Reports*, 8, 9044. **I. F. = 4.1**

Tiwari, V., Tiwari, M., Biswas, D. (2018), Rationale and design of an inhibitor of RecA protein as an inhibitor of *Acinetobacter baumannii*, *Journal of Antibiotics*, 71, 522-534. **I. F. = 2.1**

Tiwari, V., Mishra, N., Gadani, K., Solanki, P. S., Shahand N. A., Tiwari, M. (2018), Mechanism of anti-bacterial activity of Zinc Oxide nanoparticle against carbapenem-resistant *Acinetobacter baumannii*, *Frontiers in Microbiology*, 9, 1218. **I. F. = 4.0**

Tiwari, V., Patel, V., Tiwari, T. (2018), *In-silico* screening and experimental validation reveal L-Adrenaline as anti-biofilm molecule against biofilm-associated protein (Bap) producing *Acinetobacter baumannii*. *International Journal of Biological Macromolecules*, 107, 1242-1252. **I. F. = 3.9**

Verma, P., Tiwari, M., Tiwari, V. (2018), *In-silico* high throughput virtual screening and molecular dynamics simulation study to identify Inhibitor for AdeABC Efflux Pump of *Acinetobacter baumannii*, *Journal of Biomolecular Structure and Dynamics*, 36(5), 1182-1194. **I. F. =3.1**

Tiwari, V., Mitra, D., Tiwari. M. (2018), Investigation of the interaction of allergens of *Glycine max* with IgE-antibody for designing of peptidomimetic-based anti-allergen. *International Immunopharmacology*, 61, 394-404. **I. F. =3.1**

Roy, R., Tiwari, M., Donelli, G., Tiwari, V. (2018), Strategies for combating bacterial biofilms: A focus on anti-biofilm agents and their mechanisms of action, *Virulence*, 9(1), 522-554. **I. F. =4.0**

Solanki, V., Tiwari, M., Tiwari, V. (2018), Host-bacteria interaction and adhesin study for development of therapeutics *International Journal of Biological Macromolecules*, 112, 54-64. **I. F. =3.9**

Verma, P., Tiwari, V. (2018), Targeting outer membrane protein component, AdeC for discovery of efflux pump inhibitor against AdeABC efflux pump of multidrug-resistant *Acinetobacter baumannii*, *Cell Biochemistry and Biophysics*. DOI: 10.1007/s12013-018-0846-5. **I. F. =1.5**

Biswas, D., Tiwari, M., Tiwari, V. (2018), Comparative mechanism based study on disinfectants against multidrug-resistant *Acinetobacter baumannii*. *Journal of Cellular Biochemistry*. DOI: 10.1002/jcb.27373. **I. F. =3.0**

Tiwari, V., Tiwari, M., Solanki, V. (2017), Polyvinyl pyrrolidone-capped silver nanoparticle inhibits infection of carbapenem-resistant strain of *Acinetobacter baumannii* in the human pulmonary epithelial cell. *Frontiers in Immunology*, 8, 973. **I. F. = 6.4**

Tiwari, V., Tiwari, D., Patel, V., Tiwari, M. (2017), Effect of secondary metabolite of *Actinidia deliciosa* on the biofilm and extra-cellular matrix components of *Acinetobacter baumannii*. *Microbial Pathogenesis*, 110, 345-351. **I. F. =2.3**

Verma, P., Maurya, P., Tiwari, M., Tiwari, V. (2017), *In-silico* interaction studies suggest RND efflux pump mediates polymyxin resistance in *Acinetobacter baumannii*, *Journal of Biomolecular Structure and Dynamics*. DOI: 10.1080/07391102.2017.1418680. **I. F. =3.1**

Roy, R., Upadhyay, A., Tiwari, M., Tiwari, V. (2017), Molecular evolution of diverse enzymatic activity in biomolecules, *Current Chemical Biology*, 11(2), 89-99. **I. F. =1.0**

### **Vijay Kumar Prajapati**

Ojha, R., Nandani, R., Pandey, R. K., Prajapati, V. K. (2018), Emerging role of circulating miRNA in the diagnosis of human infectious diseases, *Journal of Cellular Physiology*, DOI: 10.1002/jcp.27127. **I. F. = 3.923**

Ojha, R., Khatoon, N., Prajapati, V.K. (2018), Conglomeration of *Culex quinquefasciatus* salivary proteins to devise multi-epitope subunit vaccine against infections caused by blood imbibing transmitter, *International Journal of Biological Macromolecules*, 118(Pt A), 834-843. **I. F. = 3.909**

Chaterjee, N., Ojha, R., Khatoon, N., Prajapati, V. K. (2018), Scrutinizing *Mycobacterium tuberculosis* membrane and secretory proteins to formulate multi-epitope subunit vaccine against pulmonary tuberculosis by utilizing Immunoinformatic approaches, *International Journal of Biological Macromolecules*, 118(Pt A), 180-188. **I. F. = 3.909**

Pandey, R. K., Ali, M., Ojha, R., Prajapati, V. K. (2018), Development of multi-epitope driven subunit vaccine in secretory and membrane proteins of *Plasmodium falciparum* to convey protection against malaria infection. *Vaccine*, 36(30), 4555-4565. **I. F. = 3.285**

Khatoon, N., Pandey, R. K., Ojha, R., Veerananarayanan, S. A., Krishnan, M., Prajapati, V. K. (2018), Immunoinformatics exploration to design multi-epitope based subunit vaccine by investigating *Leishmania* membrane proteins, *Journal of Biomolecular Structure and Dynamics*, 2018 Jul 26:1-42. DOI: 10.1080/07391102.2018.1484815. **I. F. = 3.107**

Pandey, R. K., Sharma, D., Ojha, R., Bhatt, T., Prajapati, V. K. (2018), Chemical system biology based molecular interactions to identify inhibitors against Q151M mutant of HIV-1 reverse transcriptase, *Infection Genetics and Evolution*, 63, 5-12. **I. F. = 2.545**

Pandey, R. K., Ojha, R., Mishra, A., Prajapati, V. K. (2018), Designing B and T cell multi-epitope based subunit vaccine against virulence proteins using immunoinformatics approach to control Zika virus infection, *Journal of Cellular Biochemistry*. DOI: 10.1002/jcb.27110. **I. F. = 2.959**

Mishra, R., Upadhyay, A., Prajapati, V. K., Mishra, A. (2018), Proteasome mediated proteostasis: Novel medicinal and pharmacological strategies for diseases, *Medicinal Research Reviews*. DOI: 10.1002/med.21502. **I. F. = 8.290**

Pandey, R. K., Ojha, R., Veerananarayanan, S. A., Krishnan, M., Prajapati, V. K. (2018), Immunoinformatics approaches to design a novel multi-epitope subunit vaccine against HIV infection. *Vaccine*, 36(17), 2262-2272. **I. F. = 3.285**

Narula, A., Pandey, R. K., Khatoon, N., Mishra, A., Prajapati, V. K. (2018), Excavating chikungunya genome to design B and T cell multi-epitope subunit vaccine using comprehensive immunoinformatics approach to control chikungunya infection, *Infection Genetics and Evolution*, 61, 4-15. **I. F. = 2.545**

Pandey, R. K., Prajapati, V. K. (2018), Exploring sand fly salivary proteins to design multi-epitope based subunit vaccine to fight against visceral leishmaniasis, *Journal of Cellular Biochemistry*. DOI: 10.1002/jcb.26719. **I. F. = 2.959**

Pandey, R. K., Bhatt, T. K., Prajapati, V. K. (2018), Novel immunoinformatics approaches to design multi-epitope subunit vaccine for malaria by investigating *Anopheles* salivary protein, *Scientific Reports*, 8(1), 1125. **I. F. = 4.122**

Pandey, R. K., Prajapati, V. K. (2018), Molecular and immunological toxic effects of nanoparticles, *International Journal of Biological Macromolecules*, 107(Pt A), 1278-1293. **I. F. = 3.909**

Ali, M., Pandey, R. K., Khatoon, N., Narula, A., Mishra, A., Prajapati, V. K. (2017), Exploring dengue genome to construct a multi-epitope based subunit vaccine by utilizing immunoinformatics approach to battle against dengue infection, *Scientific Reports*, 7(1), 9232. **I. F. = 4.122**

Khatoon, N., Pandey, R. K., Prajapati, V. K. (2017), Exploring *leishmania* secretory proteins to design B and T cell multi-epitope vaccine using immunoinformatics approach, *Scientific Reports*, 7(1), 8285. **I. F. = 4.122**

## **Department of Biotechnology**

### **Pankaj Goyal**

Kumar, V., Gour, S., Peter, O. S., Gandhi, S., Goyal, P., Pandey, J., Harsolia, R. S., Yadav, J. K. (2017), Effect of green tea polyphenol epigallocatechin-3-gallate on the aggregation of  $\alpha$ A(66-80) peptide, a major fragment of  $\alpha$ A-crystallin involved in cataract development, *Current Eye Research*, 42(10), 1368-1377. **I. F. = 1.69**

### **Suman Tapryal**

Jain, S., Khan, T. A., Patil, Y.P., Pagariya, D., Kishore, N., Tapryal S., Naik, A.D., Naik, S. G. (2017), Bio-affinity of copper(II) complexes with nitrogen and oxygen donor ligands: Synthesis, structural studies and in vitro DNA and HSA interaction of copper(II) complexes, *J Photochem Photobiol B*, 174, 35-43. **I. F. = 3.16**

### **Tarun Kumar Bhatt**

Sharma, B., Bhatt, T. K. (2017), Genome-wide identification and expression analysis of E2 ubiquitin-conjugating enzymes in tomato, *Scientific Report*, 7(1), 8631. **I. F. = 4.25**

Sharma, D., Soni, R., Rai, P., Sharma, B., Bhatt, T. K. (2017), Relict plastidic metabolic process as a potential therapeutic target, *Drug Discovery Today*, 23(1), 134-140. **I. F. = 6.36**

Pandey, R. K., Bhatt, T. K., Prajapati V. K. (2018), Novel immunoinformatics approaches to design multi-epitope subunit vaccine for malaria by investigating *Anopheles* salivary protein, *Scientific Report*, 8(1), 1125. **I. F. = 4.25**

Pandey, R. K., Sharma, D., Ojha, R., Bhatt, T. K., Prajapati, V.K. (2018), Chemical system biology based molecular interactions to identify inhibitors against Q151M mutant of HIV-1 reverse transcriptase, *Infect Genet Evol*, 9 (63), 5-12. **I. F. = 2.5**

### **Janmejay Pandey**

Kumar, V., Gour, S., Peter, O. S., Gandhi, S., Goyal, P., Pandey, J., Harsolia, R. S., Yadav, J. K. (2017), Effect of green tea polyphenol epigallocatechin-3-gallate on the aggregation of  $\alpha$ A(66-80) peptide, a major fragment of  $\alpha$ A-crystallin involved in cataract development, *Current Eye Research*, 42(10), 1368-1377. **I. F. = 1.69**

### **Jay Kant Yadav**

Rocker, A., Roan, N. R., Yadav, J. K., Faendrich, M., Muench J., (2018), Structure, function and antagonism of semen amyloids, *Chemical Communications*, 54, 7557-7569. **I. F. = 6.319**

### **Surendra Nimesh**

Gupta, N., Sharma, N., Mathur, S. K., Chandra, R., Nimesh, S. (2018), Advancement in nanotechnology-based approaches for the treatment and diagnosis of hypercholesterolemia, *Artificial Cells, Nanomedicine and Biotechnology*. DOI: 10.1080/21691401.2017.1417863. **I. F. = 5.605**

Soni, D., Duvva, N., Badgurjar, D., Roy, T. K., Nimesh, S., Arya, G., Giribabu, L., Chitta, R. (2018), Hypochlorite mediated modulation of Photo-induced electron transfer in PTZ-BODIPY electron donor-acceptor dyad: A highly water-soluble "turn on" fluorescent probe for hypochlorite, *Chemistry-An Asian Journal*, 13, 1594-1608. **I. F. = 3.692**

Goyal, S., Gupta, N., Kumar, A., Chatterjee, S., Nimesh, S. (2018), Antibacterial, anticancer and antioxidant potential of silver nanoparticles engineered using *Trigonella foenum-graecum* seed extract, *IET Nanobiotechnology*, 12, 526-533. **I. F. = 2.059**

Kumar, S., Kaushik, G., Dhar, M. A., Nimesh S., Lopez-Chukenu I. J., Villarreal-Chiu, J. F. (2018), Microbial degradation of organophosphate pesticides: A Review, *Pedosphere*, 28, 190-208. **I. F. = 2.430**

Verma, P., Saharan, V. V., Nimesh, S., Singh, A. P., (2018), Phenotypic and virulence traits of *E. coli* and *Salmonella* strains isolated from vegetables and fruits from India, *Journal of Applied Microbiology*. DOI: 10.1111/jam.13754. **I. F. = 2.16**

Arya, G., Kumari, R. M., Gupta, N., Kumar, A., Chandra, A., Nimesh, S., (2018), Green synthesis of silver nanoparticles using *Prosopis juliflora* bark extract: reaction optimization, antimicrobial and catalytic activities, *Artificial Cells, Nanomedicine and Biotechnology*, 46, 985-993. **I. F. = 5.605**

Arya, G., Sharma, N., Ahmed, J., Gupta, N., Kumar, A., Chandra, R., Nimesh, S. (2017), Degradation of anthropogenic pollutant and organic dyes by biosynthesized silver nano-catalyst from *Cicer arietinum* leaves, *Journal of Photochemistry and Photobiology B: Biology*, 174, 90-96. **I. F. = 3.165**

#### **Jayendra Nath Shukla**

Singh, I. K., Singh, S., Mogilicherla, K., Shukla, J. N., Palli, S. R. (2017), Comparative analysis of double-stranded RNA degradation and processing in insects, *Scientific Reports*, 7(1), 17059. **I. F. = 4.29**

### **Department of Commerce**

#### **Praveen Sahu**

Sahu, P., Goswami, T. (2017), Job satisfaction among doctors- An empirical analysis, *Maimt- Journal of IT and Management*, 11, 1-21.

Sahu, P. (2018), A study of goods and services tax and its impact on business, *Research Line: International Research Journal*, 2k18, 21-25.

Sahu, P. (2018), Goods and services tax in India- a new economic reform in tax practices, *International Research Journal of Management and Commerce*, 5, 83-92. **I. F. = 5.564**

Gurjar, M., Sahu, P. (2018), Hospitality management and customer satisfaction: A study of hotel industry of Madhya Pradesh, *International Journal of Current Advanced Research*, 7, 6(G), 13555-2426. **I. F. = 6.614**

#### **Neha Seth**

Seth, N. (2018), Price Discovery and Volatility Spillovers in Indian Wheat Market: An Empirical Analysis, *The IUP Journal of Applied Finance*, 24 (2), 5-20.

Seth, N. (2018), Financial Contagion: Review of Empirical Literature, *Qualitative Research in Financial Markets*, 10 (1), 15-70.

#### **Ruchita Verma**

Verma, R., Rathore, J. S., (2018), Merged Banks in the Indian Banking Sector: A Comparative study of Strategic similarities and dissimilarities, *Asian Journal of Research in Banking and Finance*, 8 (5), 1-12.

Sharma, D., Verma, R. (2018), Performance evaluation of selectivity skills of fund managers in India: An analysis of Index funds, *International Journal of Engineering Technology Science and Research*, 5(3), 411-418.

Verma, R., Singh, U., (2017), Barriers in the implementation of Forensic Accounting in India: An analysis of Academicians' Perception, *Journal of Advance Management Research*, 5(5), 88-105.

#### **Sushila Soriya**

Narwal, K. P., Sheera, V. P., Mittal, R., Soriya, S. (2018), The information content of implied volatility index of Japan (VXJ): A First Look, *South Asian Journal for Management*, 25 (1), 64-82.

Soriya, S., Kumar, N. (2018), Relationship of corporate governance with firm's performance and dividend payout: A literature review, *International Journal of Business Ethics in Developing Economies*, 7 (1), 1-12.

#### **Sanjay Kumar Patel**

Patel, S. K., Soni, A. (2018), Gender disparity and financial inclusion: An appraisal of women economic development in India. *Asia Pacific Journal of Research*, I (LXXXVI), 33-38. **I. F. = 6.58**

Patel, S. K., Soni, A. (2018), Microfinance and financial empowerment of women: A critical identification of parameters, *INSPIRA- Journal of Modern Management & Entrepreneurship*, 8(2), 35-41. **I. F. = 2.544**

## Department of Computer Science

### Mamta Rani

Singh, B., Rani, M. (2018), Pattern in quadratic Mandelbrot sets, , Chaos Complexity and Letters, 12(1), 61-68.

### Nagaraju Aitha

Sunitha, D., Nagaraju, A., Narsimha, G. (2017), Cross-layer based routing protocol and solution to packet reordering for TCP in MANET, *Cluster Computing: The Journal of Network Tools, Soft Computing and Applications*. DOI: 10.1007/s10586-017-1179-7. **I. F.=1.601**

Menaria, V. K., Jain, S. C., Nagaraju, A. (2018), A fault tolerance based route optimisation and data aggregation using artificial intelligence to enhance performance in wireless sensor networks, *International Journal of Wireless Mobile Computing*, 14 (2), 123-137.

Sunitha, D., Nagaraju, A., Narsimha, G. "Dynamic TCP-Vegas based on cuckoo search for efficient congestion control for MANET, *Proc. Int. J. Signal and Imaging Systems Engineering*, 10 (1-2), 47-53.

### Nishtha Kesswani

Chaudhary, S., Kesswani, N. (2017), A Survey: Intrusion Detection Techniques for Internet of Things, *International Journal of Information Security and Privacy, CSI Communications*, 41 (9), 29-30.

Kesswani, N., Kumar, S. (2017), Cyber-physical systems and Smart cities, *CSI Communications*, 41 (9), 29-30.

Verma, P., Kesswani, N. (2017), User identification prerequisite for memorization a type of personalization, *International J. Services Technology and Management*, 23 (4), 290-298.

### Gaurav Meena

Meena, G., Choudhary, R. R. (2017), A review paper on IDS classification using KDD 99 and NSL KDD dataset in WEKA, *The International Conference on Computer, Communications and Electronics (Comptelix-2017)*, Manipal University, Jaipur, India, 01-02 July 2017. DOI: 10.1109/COMPTELIX.2017.8004032.

Meena, G., Chouhan, P. S., Choudhary, R. R. (2017), Empirical study on classification of heart disease dataset- its prediction and mining, *The International Conference on Current Trends in Computer, Electrical, Electronics & Communication (ICCTCEEC-2017)*, Mysuru, Karnataka, India, 08-09 September 2017.

Choudhary, R. R., Jangid, A., Meena, G. (2017), A novel approach for edge detection for blurry images by using the digital image, *The International Conference on Current Trends in Computer, Electrical, Electronics & Communication (ICCTCEEC-2017)*, Mysuru, Karnataka, India, 08-09 September 2017.

Meena, G., Singh, P., Choudhary, R. R. (2017), Study and implementation of clustering algorithms in R, *The International Conference on Current Trends in Computer, Electrical, Electronics & Communication (ICCTCEEC-2017)*, Mysuru, Karnataka, India, 08-09 September 2017.

Sharma, D., Meena, G. (2017), *In- Silico* analysis of lncRNA- mRNA target prediction, *The International Conference on Latest Advances in Machine Learning and Data Sciences (LAMDA-2017)*, National Institute of Technology, Goa, India, 25-27 October 2017.

Choudhary, R. R., Sharma, S., Meena, G. (2017), Detection of leukaemia in human blood samples through image processing, *The 3rd International Conference on "Next Generation Computing Technologies (NGCT-2017)*, UPES, Dehradun, Uttarakhand, India, 30-31 October 2017.

Meena, G., Singh, P., Choudhary, R. R. (2017), Saliency detection in text documents using policy-driven reinforcement learning methodologies, *The 2nd International Conference on Advanced Computing and Intelligent Engineering (ICACIE-2017)*, Central University of Rajasthan, Ajmer, India, 23-25 November 2017.

### **Krishna Kumar Mohbey**

Mohbey, K. K. (2018), Utility-based frequent pattern extraction from mobile web services sequence, *Journal of Information Technology Research*, 11(2), 31–52.

Mohbey, K. K., Thakur, G. S. (2018), Framework for finding maximal association rule in mobile web service environment using soft set, *International Journal of Data Science*, 3(1), 86–105.

### **Ravi Raj Choudhary**

Meena, G., Choudhary, R. R. (2017), A review paper on IDS classification using KDD 99 and NSL KDD dataset in WEKA, *The International Conference on Computer, Communications and Electronics (Comptelix-2017)*, Manipal University, Jaipur, India, 01-02 July 2017. DOI: 10.1109/COMPTELIX.2017.8004032.

Meena, G., Chouhan, P. S., Choudhary, R. R. (2017), Empirical study on classification of heart disease dataset-its prediction and mining, *The International Conference on Current Trends in Computer, Electrical, Electronics & Communication (ICCTCEEC-2017)*, Mysuru, Karnataka, India, 08-09 September 2017.

Choudhary, R. R., Jangid, A., Meena, G. (2017), A novel approach for edge detection for blurry images by using digital image, *The International Conference on Current Trends in Computer, Electrical, Electronics & Communication (ICCTCEEC-2017)*, Mysuru, Karnataka, India, 08-09 September 2017.

Meena, G., Singh, P., Choudhary, R. R. (2017), Study and implementation of clustering algorithms in R, *The International Conference on Current Trends in Computer, Electrical, Electronics & Communication (ICCTCEEC-2017)*, Mysuru, Karnataka, India, 08-09 September 2017.

Sharma, D., Meena, G. (2017), *In- Silico* analysis of LncRNA- mRNA target prediction, *The International Conference on Latest Advances in Machine Learning and Data Sciences (LAMDA-2017)*, National Institute of Technology, Goa, India, 25-27 October 2017.

Choudhary, R. R., Sharna, S., Meena, G. (2017), Detection of leukaemia in human blood samples through image processing, *The 3rd International Conference on "Next Generation Computing Technologies (NGCT-2017)*, UPES, Dehradun, Uttarakhand, India, 30-31 October 2017.

Meena, G., Singh, P., Choudhary, R. R. (2017), Saliency detection in text documents using policy-driven reinforcement learning methodologies, *The 2nd International Conference on Advanced Computing and Intelligent Engineering (ICACIE-2017)*, Central University of Rajasthan, Ajmer, India, 23-25 November 2017.

## **Department of Computer Science & Engineering**

### **Ravi Saharan**

Bharti, Y., Saharan, R., Sexena, A. (2018), Counting the number of people in crowd as a part of automatic crowd monitoring, Presented at the *International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2018)*, Springer, India (6-7 April 2018).

Saharan, R., Yadav, S. (2018), A novel method for image encryption, Presented at the *International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2018)*, Springer, India (6-7 April 2018).

Mishra, K., Saharan, R. (2017), A fast image encryption technique using henon chaotic map, Presented at the *International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2017)*, Springer, Organized by the Central University of Rajasthan, India (23-25 November 2017).

Saharan, R., Meena, D. (2017), Tongue detection and recognition, Presented at the International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2017), Springer, Organized by Central University of Rajasthan, India (23-25 November 2017).

Mishra, K., Saharan, R. (2017), Image encryption utilizing lossy image compression, Presented at the International Conference on Computer, Communications and Electronics (Complex), 2017", IEEE, India (1-2 July 2017).

### **Muzzammil Hussain**

Hussain, M., Kaliya, N. (2018), An improvised framework for privacy preservation in IoT, *International Journal of Information Security and Privacy*, 12.2, 46-63.

Sultana, R., Hussain, M. (2018), Mitigating primary user emulation attack in a cognitive radio network using localization and variance detection. In: Somani A., Srivastava S., Mundra A., Rawat S. (eds), *Proceedings of First International Conference on Smart System, Innovations and Computing*, Smart Innovation, Systems and Technologies, 79. Springer, Singapore.

Jain, U., Hussain, M. (2018), Wireless sensor networks: Attacks and countermeasures, *Proceedings of 3rd International Conference on Internet of Things and Connected Technologies (ICIOTCT)*, 2018 held at Malaviya National Institute of Technology, Jaipur (India) on March 26-27, 2018. DOI: 10.2139/ssrn.3170185.

Jain, U., Hussain, M. (2017), Simple, secure and dynamic protocol for mutual authentication of nodes in wireless sensor networks, *Second International Conference on Electrical, Computer and Communication Technologies (ICECCT)*, Coimbatore. DOI: 10.1109/ICECCT.2017.8117951, 1-7.

Jain, S., Hussain, M. (2017), Improving capacity in wireless heterogeneous networks by mitigation of interference, *Procedia Computer Science*, 115. DOI: 10.1016/j.procs.2017.09.147, 596-606.

Vardhan, A., Hussain, M. (2017), Dynamic and resilient protocol for mutual authentication of nodes in wireless sensor networks, *International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Udupi. DOI: 10.1109/ICACCI.2017.8126140, 2010-2015.

Kaliya, N., Hussain, M. (2017), Framework for privacy preservation in IoT through classification and access control mechanisms, *Second International Conference for Convergence in Technology (I2CT)*, Mumbai. DOI: 10.1109/I2CT.2017.8226166, 430-434.

Badetia, N., Hussain, M. (2017), Distributed mechanism for authentication of nodes in wireless sensor networks, *Second International Conference for Convergence in Technology (I2CT)*, Mumbai. DOI: 10.1109/I2CT.2017.8226173, 471-474.

Yadav, P., Hussain, M. (2017), A secure AODV routing protocol with node authentication, *International Conference of Electronics, Communication and Aerospace Technology (ICECA)*, Coimbatore. DOI: 10.1109/ICECA.2017.8203733, 489-493.

### **Gaurav Somani**

Somani, G., Gaur, M. S., Sanghi, D., Conti, M., Rajarajan, M. (2018), Scale inside-out: Rapid mitigation of cloud DDoS attacks, *IEEE Transactions on Dependable and Secure Computing*. DOI: 10.1109/TDSC.2017.2763160. **I. F. = 4.41**

Somani, G., Gaur, M. S., Sanghi, D., Conti, M., Buyya, R. (2017), DDoS attacks in cloud computing: Issues, taxonomy, and future directions, *Computer Communications*, 107, 30-48, **I. F. = 3.34**

Somani, G., Gaur, M. S., Sanghi, D., Conti, M., Rajarajan, M., Buyya, R. (2017), Combating DDoS attacks in cloud: Current requirements and future trends, *IEEE Cloud Computing*, 4 (1), 22-32. **I. F. = 1.86**

Somani, G., Gaur, M. S., Sanghi, D., Conti, M., Rajarajan, M. (2017), DDoS victim service containment to minimize internal collateral damages in cloud computing, *Computers and Electrical Engineering*, 59, 165-179. **I. F. = 1.57**

Somani, G., Gaur, M. S., Sanghi, D., Conti, M., Buyya, R. (2017), Resizing services to support quick DDoS mitigation in cloud computing environment, *Annals of Telecommunications*, 72, 237-252. **I. F. = 1.41**



## Department of Chemistry

### R. T. Pardasani

Ansari, A. J., Pathare, R. S., Maurya, A. K., Agnihotri, V. K., Khan, S., Roy, T. K., Sawant, D. M., Pardasani, R. T. (2018), Synthesis of diverse nitrogen heterocycles via palladium-catalyzed tandem azide-isocyanide cross-coupling/cyclization: Mechanistic insight using experimental and theoretical studies, *Advanced Synthesis & Catalysis*, 360, 290–297. **I. F. = 5.1**

Joshi R., Kumawat A., Singh S., Roy T. K., **Pardasani R. T. (2018)**, Synthesis of spirooxindoles through cyclocondensation of isatin and cyclic 1,3-diones, *Journal of Heterocyclic Chemistry*, 55, 1783–1790. **I. F. = 1.2**

Kumar, M., Arya, A. K., George, J., Arya, K., Pardasani, R. T. (2017), DFT studied hetero-Diels-Alder cycloaddition for the domino synthesis of spiroheterocycles fused to benzothiazole and chromene/pyrimidine rings in aqueous media, *Journal of Heterocyclic Chemistry*, 54, 3418–3426. **I. F. = 1.2**

Sharma, S., Pathare, R. S., Sukanya, Maurya, A. K., Goswami, B., Agnihotri, V. K., Sawant, D. M., Pardasani, R. T. (2017), Microwave assisted metal-/oxidant-free cascade electrophilic sulfenylation/5-endo-dig cyclization of 2-alkynylanilines to generate diversified 3-sulfenylindoles, *Tetrahedron Letters*, 58, 3823–3826. **I. F. = 2.1**

Pathare, R. S., Ansari, A. J., Verma, S., Maurya, A., Maurya, A. K., Agnihotri, V. K., Sharon, A., Pardasani, R. T., Sawant, D. M. (2018), Sequential Pd(0)/Fe(III) catalyzed azide-isocyanide coupling/cyclization reaction: One-pot synthesis of aminotetrazoles, *The Journal of Organic Chemistry*, 83, 9530–9537. **I. F. = 4.8**

Joshi, R., Sharma, J., Anita, Pardasani, R. T. (2017), Synthesis, characterization and antimicrobial activity of some 2,4-dibromo-1,5-dimorpholino/dipiperidino-pentane-3-ones, *Indian Journal of Chemistry*, 56, 183–191. **Impact Factor = 0.6**

Sharma, S., Singh, S., Kumari, A., Sawant, D. M., Pardasani, R. T. (2017), Ruthenium-catalyzed oxidative annulation of anilines using benzothiazole as a removable directing group, *Asian Journal of Organic Chemistry*, 6, 728–736. **I. F. = 2.5**

### Easwar Srinivasan

Jha, A. K., Inani, H., Easwar, S. (2018), An expedient access to chromanols via an arginine-mediated cascade cyclisation in water, *Tetrahedron Letters*, 59 (24), 2356–2359. **I. F. = 2.1**

Bhati, M., Kumari, K., Easwar, S. (2018), Probing the synergistic catalytic model: A rationally designed urea-tagged proline catalyst for the direct asymmetric aldol reaction, *The Journal of Organic Chemistry*, 83, 8225–8232. **I. F. = 4.8**

Inani, H., Jha, A. K., Easwar, S. (2017), An arginine-mediated protocol for the aldol addition of methyl vinyl ketone in water, *Chemistry Select*, 2, 11666–11672. **I. F. = 1.5**

### Chandrakanta Dash

Chauhan, R. S., Cordes, D. B., Slawin, A. M., Yadav, S., Dash, C. (2018), Reactivity of hemilabile pyridyl and methyl-substituted pyrimidylselenolates with [MCl<sub>2</sub>(dppf)] (M=Pd, Pt; dppf = bis(diphenylphosphino) ferrocene), *Inorganica Chimica Acta*, 478, 125–129. **I. F. = 2.0**

Seema, Y., Singh, A., Rashid, N., Ghotia, M., Roy, T. K., Ingole, P. P., Ray, S., Shaikh, M. M., Dash, C. (2018), Phosphine-free bis(pyrrolyl) pyridine based NNN-pincer palladium(II) complexes as efficient catalysts for Suzuki-Miyaura cross-coupling reactions of aryl bromides in aqueous medium, *Chemistry Select*. DOI: 10.1002/slct.201801647. **I. F. = 1.5**

### **M. Bhanuchandra**

Bhanuchandra, M., Yorimitsu, H. (2017), Dibenzothiophene 5,5-dioxide, encyclopedia of reagents for organic synthesis. DOI: 10.1002/047084289X.rn02046.

### **Anuj K. Sharma**

Sheoran, M., Bhar, K., Khan, T. A., Sharma, A. K., Naik, S. G. (2017), Phosphatase activity and DNA binding studies of dinuclear phenoxo-bridged zinc (II) complexes with an N,N,O-donor ligand and halide ions in a rare *cis*-configuration, *Polyhedron*, 129, 82 – 91. **I. F. = 2.1**

Rana, M., Cho, H.-J., Roy, T. K., Mirica, L. M., Sharma, A. K. (2018), Azo-dyes based small bifunctional molecules for metal chelation and controlling amyloid formation, *Inorganica Chimica Acta*, 419–429. **I. F. = 2.0**

### **Partha Roy**

Roy, P., Kisslinger, R., Farsinezhad, S., Mahdi, N., Bhatnagar, A., Hosseini, A., Bu, L., Hua, W., Wiltshire, B. D., Eisenhawer, A., Kar, P., Shankar, K. (2018), All-solution processed, scalable super hydrophobic coatings on stainless steel surfaces based on functionalized discrete titania nanotubes, *Chemical Engineering Journal*, 351, 482–489. **I. F. = 6.7**

Roy, P., Kantor-Uriel, N., Sunda, A. P. (2018), Nanoscale defolding influence of polypeptides in the charge-transfer process through an organic-inorganic nanohybrid system, *Nanoscale*, 10, 11143–11149. **I. F. = 7.3**

Kantor-Uriel, N., Roy, P., Lerman, K., Sukenik, C. N., Cohen, H. (2018), Dark and photo-induced charge transport across molecular spacers, *Journal of Vacuum Science & Technology B*, 36, 04H104. **I. F. = 1.3**

### **Anurag Prakash Sunda**

Roy, P., Kantor-Uriel, N., Sunda, A. P. (2018), Nanoscale defolding influence of polypeptides in the charge-transfer process through an organic-inorganic nanohybrid system, *Nanoscale*, 10, 11143–11149. **I. F. = 7.3**

Mondal, A. Sunda, A. P. (2018), Molecular dynamics simulations of ammonium/phosphonium-based protic ionic liquids: Influence of alkyl to aryl group, *Phys. Chem. Chem. Phys.* 20, 19268–19275. **I. F. = 3.9**

### **Thirumoorthi R**

Chivers, T., Thirumoorthi, R. (2018), s-Block metal complexes of PC(H)P-bridged chalcogen-centred methanides: comparisons with isoelectronic PNP-bridged monoanions, *Dalton Transactions*, 47, 12493–12505. **I. F. = 4.099.**

Thirumoorthi, R., Chivers, T. (2018), Structural comparison of lithium iodide complexes of symmetrical and unsymmetrical  $[\text{CH}_2(\text{PPh}_2\text{NSiMe}_3)(\text{PPh}_2\text{NR})]$  (R = SiMe<sub>3</sub>, H) ligands, *Journal of Structural Chemistry*, 59(5), 1260–1266. **I. F. = 0.521.**

## **Department of Culture & Media Studies**

### **Scholars**

Amar, A. (2018), Media text representation of disasters: A content analysis of Bhopal gas tragedy text articles, *Communication Today*.

Amar, A. (2018), Comparative analysis between Hindi and English print media representation of Bhopal gas tragedy, *Jankriti*.

Meena, M. K. (2018), The impact of Facebook on women empowerment in education institution, *International Journal of Innovative Knowledge Concepts*, 6 (6).

Shahu, G. (2017), Representation of de-notified and nomadic tribes in print newspapers: A critical study of media language in Rajasthan, *Research Reinforcement Journal*, 5(1). **I. F. = 3.012**

## **Department of Economics**

### **Pramod Kumar Naik**

Naik, P. K., Gupta, R., Padhi, P. (2018), The relationship between stock market volatility and trading volume: Evidence from South Africa, *Journal of Developing Areas*, 52(1), 99–114. **I. F. = 0.5**

## **Mohammad Hussain Kunroo**

Kunroo, M. H., Sofi, I. A., Khurana, M., Mogha, S. K., Re-visiting the impact of the Euro on trade flows: New evidence using gravity equation with Poisson count-data technique, *Proceedings of Sixth International Conference on Soft Computing*, 547, 229-239.

## **Department of Education**

### **Anjali Sharma**

Sharma, A., Mardi, S. (2018), Uphill struggle of Santal community women resident in the Assam State of India, *Mahila Pratishtha International Multidisciplinary Journal on Women and Gender Studies*, 3(3), 15-32.

**I. F.: 2.1797**

Bairwa, B. L., Sharma, M. K., Sharma, A. (2018), A study of that learning assistive material available to children with special needs in Sarva Shiksha Abhiyan, *Panacea, International Research Journal*, 5(1).

### **Narendra Kumar**

Sharma, S. K., Pandey, B., Kumar N. (2018), Habit of concentration as study habit's dimension in relation to academic achievement of Hindu and Muslim senior secondary students, *Journal of National Development*, 31(1), 245-249.

Sharma, S. K., Kandpal, G., Kumar, N. (2018), Study of role structure of primary school teachers of East Delhi, *Contemporary Social Sciences*, 27(2), 268-272.

Sharma, S. K., Pandey, B., Kumar, N. (2018), Study of reading and note-taking as study habit's dimension in relation to academic achievement of Hindu and Muslim senior secondary students, *Contemporary Social Sciences*, 27(2), 245-249.

Sharma, S. K., Kandpal, G., Kumar N. (2018), Study of role stress among primary school teachers of East Delhi, *Journal of National Development*, 31(1), 217-221.

Kumar, N., Pandey, B. (2017), Study of home environment and planning as study habit's dimension in relation to academic achievement of Hindu and Muslim senior secondary students of Kumaun region, *Journal of National Development*, 30(2), 135-140.

Kumar, N., Pandey, B. (2017), Study of the planning of subject as study habit's dimension in relation to academic achievement of Hindu and Muslim senior secondary students, *Contemporary Social Sciences*, 26(4), 123-128.

### **Gobind Singh**

Gure, G. S. (2018), University Students' Perception towards Barriers to Entrepreneurship, *Education India Journal: A Quarterly Refereed Journal of Dialogues on Education*, 7 (2), 132-145.

Laxmi, V., Gure, G. S. (2018), Integration of information communication technology for quality in education, *Vidya-Warta*, 21 (17), 82-90.

Gure, G. S. (2017), Contribution of information, communication and technology for entrepreneurship development, *International Journal of Multidisciplinary Educational Research*, 12(2), 196-203. **I. F.= 5.818**

Gure, G. S. (2017), Gender influences on the entrepreneurial tendencies & entrepreneurial attitude of university students, *International Journal of Research in Social Sciences*, 7(8), 772-797. **I. F.= 6.452**

Laxmi, V., Gure, G. S. (2017), E-learning as an effective mode of distance education, *Research Revolution: International Journal of Social Science & Management*, 10, 53-61. **I. F.= 5.308**

## Department of Environmental Science

### L. K. Sharma

Mohanta, K., Sharma, L. K. (2017), Assessing the impacts of urbanization on the thermal environment of Ranchi city (India) using geospatial technology, *Remote Sensing Applications: Society and Environment*, 8, 54-63.

Sinha, S., Abhisek, S., Sharma, L. K., Jeganathan, C., Nathawat, M. S., Das A. K., Mohan, S. (2017), Forest vigor assessment in terms of above ground biomass using multi-polarised Radarsat-2 satellite sensor, *Journal of Forestry Research*, 29 (4), 1139-1145. I. F. = 0.77

### Devesh Sharma

Dubey, S. K., Sharma, D. (2018), Assessment of climate change impact on yield of major crops in the Banas River Basin, India, *Science of the Total Environment*, 635, 10-19. I. F. = 4.610

Chandra, S., Sharma, D., Dubey, S. K. (2018), Linkage of urban expansion and land surface temperature using geospatial techniques for Jaipur City, India, *Arabian Journal of Geosciences*, 11(2), 31. I. F. = 0.860

Sharma, D., Babel, M. S. (2017), Assessing hydrological impacts of climate change using bias corrected downscaled precipitation in Mae Klong basin of Thailand, *Meteorological Applications*. DOI: 10.1002/met.1706. I. F. = 2.39

Sharma, A., Sharma, D., Panda, S. K., Dubey, S. K., Pradhan, R. K. (2018), Investigation of temperature and its indices under climate change scenarios over different regions of Rajasthan state in India, *Global and Planetary Change*, 161, 82-96. I. F. = 3.982

Mundetia, N., Sharma, D., Dubey, S. K., Priya, M. (2017), Development and poverty assessment using an alternate non-compensatory composite index of Rajasthan State in India, *Social Indicators Research*. DOI: 10.1007/s11205-017-1751-9. I. F. = 1.648

Gupta, P. K., Sharma, D. (2018), Assessment of hydrological and hydrochemical vulnerability of groundwater in semi-arid region of Rajasthan, India, *Sustainable Water Resources Management*. DOI: 10.1007/s40899-018-0260-6.

Pradhan, R. K., Sharma, D., Panda, S. K., Dubey, S. K., Sharma, A. (2018), Changes of precipitation regime and its indices over Rajasthan state of India: impact of climate change scenarios experiments, *Climate Dynamics*. DOI: 10.1007/s00382-018-4334-9. I. F. = 3.774

### Garima Kaushik

Kumar, S., Kaushik, G., Dar, M. A., Nimesh, S., Lopez-chukenu, U. J., Villarreal-chiu, J. F. (2018), Microbial degradation of organophosphate pesticides: A Review, *Pedosphere*, 28(2), 190-208. I. F. = 2.430

Sharma, K., Kaushik, G. (2017), NSAIDS in the environment: From emerging problem to green solution. *Annals of Pharmacology and Pharmceutics*, 2(14), 1077.

### Ritu Singh

Rajput, V. D., Minkina, T. M., Behal, A., Sushkova, S. N., Mandzhieva, S., Singh, R., Movsesyan, H. S. (2017), Effects of zinc-oxide nanoparticles on soil, plants, animals and soil organisms: A review, *Environmental Nanotechnology, Monitoring & Management*, 9, 76-84. I. F. = 1.99

### Alok Kumar

Ghosh, S., Bakshi, M., Kumar, A., Ramanathan, A. L., Biswas, J. K., Bhattacharyya, S., Chaudhuri, P., Shaheen, S.M., Rinklebe, J. (2018), Assessing the potential ecological risk of Co, Cr, Cu, Fe and Zn in the sediments of Hooghly–Matla estuarine system, India, *Environmental Geochemistry and Health*. DOI: 10.1007/s10653-018-0119-7. I. F. = 2.994

Ranjan, P., Ramanathan, A. L., Kumar, A., Singhal, R. K., Datta, D., Venkatesh, M. (2018), Trace metal distribution, assessment and enrichment in the surface sediments of Sundarban mangrove ecosystem in India and Bangladesh, *Marine Pollution Bulletin*, 127, 541-547. I. F. = 3.241

## Department of English

### Supriya Agarwal

Agarwal S., Rathore, S. (2017), Silenced in the castle of gendered delusion, *Voices: Voices of Interdisciplinary Critical Explorations*, 7 (2), 38-44.

### Bhumika Sharma

Sharma, B. (2017), South Asian environmental concerns: An eco-critical reading of Anita Desai's and Intizar Hussain's fiction, *Indian Journal of Postcolonial Literatures*, 17, 73-85.

Sharma, B. (2018), The art of restitution: Wright's Tryst with modernism in *Native Son*, *New Academia*, VII (1), 167-179.

Sharma, B. (2018), Analyzing innovative measures in new NAAC framework: How to match objectives with outcome, *Chronicle of Humanities and Cultural Studies*, 4 (2), 25-28.

Sharma, B. (2018), Gender, nation and postcolonial identity in Shinde's English Vinglish, *Writers Editors Critics*, 8 (1), 62-69.

### Neha Arora

Arora N., Sucheta. (2017), Fragmented postcolonial identity in the wrap of stereotypes in Adichies's *The Thing Around Your Neck*, *Pune Research: An International Journal in English*, 4 (1), 1-6.

### Devendra Rankawat

Rankawat, D., Balveer. (2017), Media within media as saviour of human values in select Bollywood films, *Critical Space*, VI (1), 39-45.

Rankawat, D., Balveer. (2017), Analysis of Translations of Vijay Dan Detha's Novel *Duvidha*, *Anuvad*, 171, 71-79.

Rankawat, D. (2018), Community Consciousness in MG Vassanji's *No New Land* and Rohinton Mistry's *Tales From Firozsha Baag*, *Literary Voice: A Peer Reviewed Journal of English Studies*, 1 (8), 98- 106.

Rankawat D., Balveer. (2017), Media within Media as Saviour of Human Values in Select Bollywood Films, *Critical Space*, VI (1), 39-45.

Rankawat D., Balveer. (2017), Analysis of translations of Vijay Dan Detha's novel *Duvidha*, *Anuvad*, 171, 71-79.

Rankawat D. (2018), Community consciousness in MG Vassanji's *No New Land* and Rohinton Mistry's *Tales From Firozsha Baag*, *Literary Voice: A Peer Reviewed Journal of English Studies*, 1 (8), 98- 106.

### Ved Prakash

Prakash, V. (2017), Gloomy days and curfewed nights: The displacement of Nagas through the select short stories of Tamsula Ao, *Apperception*, VIII, 154-163.

Prakash, V., (2017), Photographing the sound and the fury: War photography and new media, *Indraprasth: An International Journal of Culture and Communication Studies* 5&6 (44-54).

### Scholars

Balveer.(2017), Ghosts in Shakespeare's *Hamlet* and Vijaydan Detha's "The Dilemma", *Journal of Rajasthan Association for Studies in English*, 13, 126-132.

Bhaduri, I. (2017), History, the abutment of literature: A reading of Pascal Khoo Thwe's *Memoir from the Land of Green Ghosts*, *IJELLH*, 6 (1), 525-538.

## Department of Hindi

### N. Lakshmi Aiyar

Aiyar, N. L. (2018), Tamila Cinema Charitra, *Literary Research Journal*, 29 (4), 60-64.

### Jitendra Kumar Singh

Singh, J. K. (2017), Kabir sahitya mein samanvaya sadhana, *Shodh Sarita*, 3(1), 18-21.

Singh, J. K. (2017), Uttar adhunik vimarsh aur Manohar Shyam Joshi ke upnyas, *Shodh Samachar Bulletin*, 3(12), 30-33.

Singh, J. K. (2017), Paribhashik shabdavali aur hindi madhyam shikshan, *Rajbhasha Bharati*, 39(153), 46-51.

Singh, J. K. (2017), Hindi mein lokpriya sahitya: Samikshatmak anushilan, *Kashf*, 16(2), 85-96.

### Mamata Khandal

Khandal, M. (2017), Rajasthan ka lok sahitya aur bhartiya sanskriti, *AkhsharWarta*, XIV(III), 41-43. I. F. 2.891

Khandal, M. (2018), Srijnatmak roopantaran aur antarrashtriya chetna, *Anuvad*, 174 (Jan-March), 21-24.

Khandal, M. (2018), Bhaktikal ki sanskritik chatna aur avdhi bhasha, *Hindustani*, 79(1), 66-69.

Khandal, M., (2018), Uttar adhunik samaj mein tulsī ke ram ka mahatva, *ApniMati*, 27(April-June), 1-7.

Khandal, M. (2018), Swachandatawad banam chhayawad: ek vishleshnatmak adhyayan, *Jankriti*, 3(36), April 2018. I. F.= 2.0202

### Suresh Singh Rathore

Rathore, S. Singh. (2017), Samkalin mahila kahani lekhan aur yugbodh, *Sahity Vithika*, 6(11), 80-82.

Rathore, S. S. (2017), Cinema mein mukharithotihashya ki awazen, *Ayushi*, III (V), 451-458. I. F. 4.574

### Sandeep Vishwanathrao Ranbhirker

Ranbhirker S. (2018), Sant kaviyon ki lokdharmita, *Ayushi International Interdisciplinary Research Journal*, V (III), 447-450.

Ranbhirker, S. (2018), Mahila katha sahitya mein chitrit darakate dampaty sambandh, *Ayushi International Interdisciplinary Research Journal*, V (IV), 350-354.

Ranbhirker, S. (2017), Hindi mahila katha lekhan aur stri chetana, *Printing Area*, 6 (31), 183-186.

Ranbhirker, S. (2017), Vartaman pariprekshya mein mulya shiksha ki avashyakta, *Vidyawarta*, 5(20), 153-158.

Ranbhirker, S. (2017), Swatantratapoorv Hindi mahila upnyas lekhan aur stri drishti, *Printing Area*, 1(34), 178-181.

Ranbhirker, S. (2017), Stri lekhan ka vaicharik pariprekshya, *Vidyawarta*, 5 (20), 124-127.

### Research Scholars

Charan, A. (2018), Kavya bhasha ke rup me khadi boli hindi ki nirmity, *ShodhSancharBulletin*, 13-15.

Charan, A. (2018), Shabd shipi kavi kedarnath singh : ek parichay, *ShodhSarita*, 16-19.

Alka. (2018), Sudha Om Dhingra Ki kahaniyon mein mansik dwandwa ya tanav, *Pravasi Hindi Sahitya Dasha ewam Disha*, 603-605.

Kumar, G. (2018), Bhatat mein smaveshi shiksha, grihi, berojgari, ewam asamanta, 73-86.

Alka. (2017), Sudha Om Dhingra ki kahaniyon mein vridhon ki pida, *Unmesh*, 3, 19-21.

Kumar, G. (2017), Samajik mulyon ke vikas men sahity, *vizyan aur adhyatm*, 3, 44-46.

Bareth, V. S. Vijaydan detha ki kahaniyon me lok devi-devta, *ShikharSaamyik*, 31, 59-61.

Bareth, V. S., Aadivaasi vimarsh: Utpatti, itihaas evn asmita ka sankat (Bheel Janjaati ke Vishesh Sandarbh mein), *ShodhSancharBulletin*.

Baudh, P. K. Krantikari andolan me bhojpuri lok-geet, *Kahaar*, 4(3).

## Department of Management

### Maithili R.P. Singh

Agarwal, A., Singh, M. R. P. (2018), Retail experience, customer satisfaction and behavior intention: A study of tier-II city consumers in organized retail settings, *Journal of Marketing Vistas*, 8 (1), 20-39.

Agarwal, A., Singh, M. R. P. (2018), The relationship between retail experience, customer satisfaction, and behaviour intention: Exploring the consumer shopping behaviour in unorganized retail settings, *Indian Journal of Marketing*, 48(1), 9-27.

Kumari, R., Singh, M. R. P. (2018), A study on nature of services and customers expectations and perceptions regarding service quality, *IOSR Journal of Business and Management (IOSR-JBM)*, 1(1), 12-20.

### Sanjay Kumar

Gupta, S., Kumar, S. (2018), Do elder homeowners from different regions differ significantly in awareness and willingness of reverse mortgage: some sample evidence from Delhi and Rajasthan, *The IUP Journal of Bank Management*, 17(2), 78-85. **I. F. = 3**

Gupta, S., Kumar, S. (2018), Influence of demographic determinants on reverse mortgage willingness: An empirical study from India, *Arthshastra Indian Journal of Economics & Research*, 7(2), 7-20. **I. F. = 2.77**

Gupta, S., Kumar, S. (2017), Investigating relationship between demand and awareness of reverse mortgage: an empirical analysis from India, *Journal for Studies in Management and Planning*, 3(13), 240-248. **I. F. = 5.40**

Anwar, M., Kumar, S. (2018), Risk and return relationship in Indian stock market with special reference to Indian banking sector, *Professional Panorama (An International journal of Applied Management & Technology)*, 4(2), 69-79.

Anwar, M., Kumar, S. (2018), Sectoral robustness of asset pricing models: Evidence from the Indian capital market, *Indian Journal of Commerce and Management Studies*, 9(2), 42-50. **I. F. = 2.6**

### Avantika Singh

Paharia, P., Singh, A. (2018), Organization effectiveness as outcome of ethical leadership in higher education: A qualitative content analysis, *Indian Journal of Management Studies*, 5(3), 7-18.

Pathodia, G., Singh A. (2017), Study of spirituality at workplace among young employees, *Pragyaa Journal of Management*, 7(1&2), 10-19.

Rathore, N., Singh, A. (2018), Determinants and outcomes of ethical leadership in universities: A scale development, *International Journal of Leadership*, 6(1), 50-60.

### Tulsee Giri Goswami

Goswami, T. G., Burman, R. (2018), A systematic literature review of work stress, *International Journal of Management Studies*, 3(9), 112-132.

Goswami, T. G., Sahu, P. (2017), Job satisfaction among doctors- An empirical analysis, *MAIMT- Journal of IT & Management*, 11(1).

Mehra, A., Goswami, T. G. (2017), A systematic literature review of organisational culture in different industries, *International Journal of Management Studies*, 4(4), 146-163.

Mehra, A., Goswami, T. G. (2017), Role of organisational commitment in the relationship of organisational culture and employee performance, *International Journal of Research*, 4(8), 1059-1077.

## Department of Mathematics

### Jugal K. Prajapat

Maharana, S., Prajapat, J. K., Srivastava, H. M. (2017), The radius of convexity of partial sums of convex functions in one direction, *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, 87(2): 215-219.

Prajapat, J. K., Bulboaca, T. (2017), Differential subordination for subclasses of analytic functions involving Srivastava-Attiya operator, *Thai Journal of Mathematics*, 15(3): 655-672.

Maharana, S., Prajapat, J. K., Bansal, D. (2018), Geometric properties of wright functions, *Mathematica Bohemica*, 143(1): 99-111.

### Anand Kumar

Kumar, A., Vanita. (2017), Effect of velocity of applied magnetic field on natural convection over ramped type moving inner cylinder with ramped type temperature, *International Journal of Mechanical Sciences*, 131, 625-632.

Gupta, V. K., Kumar, A., Singh, A. K. (2017), Analytical study of weakly nonlinear mass transfer in rotating fluid layer under time-periodic concentration/gravity modulation, *International Journal of Non-Linear Mechanics*, 97, 22-29.

Kesari, O. P., Gupta, V. K., Kumar, A. (2017), Study of weakly nonlinear mass transport in Newtonian fluid with applied magnetic field under concentration/gravity modulation, *Nonlinear Engineering-Modelling and Application*. DOI: 10.1515/nleng-2017-0058.

### Amit Chakraborty

Rashid, M., Bera, S., Medvinsky, A., Sun, G. Q., Li, B-L., Chakraborty, A. (2018), Adaptive regulation of nitrate transceptor NRT1.1 in fluctuating soil nitrate conditions, *iScience*, 2(2), 41-50.

Lamba, S., Bera, S., Medvinsky, A., Sun, G. Q., Acquiati, C., Li, B-L., Chakraborty, A. (2017), Organization of microbial nitrogen pathways with switch-like adjustment to fluctuating soil redox conditions. *Royal Society Open Science*, 4(1), 160768.

Medvinsky, A. B., Adamovich, B. V., Aliev, R. R., Chakraborty, A., Lukyanova, E. V., Mikheyeva, T. M., Nikitina, L. V., Nurieva, N., Rusakov, A., Zhukova, T. (2017), Temperature as a factor affecting fluctuations and predictability of the abundance of lake, *Ecological Complexity*, 32(4), 90-98.

### Ram Kishor

Kishor, R., Kushvah, B. S. (2017), Normalization of Hamiltonian and nonlinear stability of the triangular equilibrium points in non-resonance case with perturbations, *Astrophysics and Space Science*, 362, 156. I. F. = 1.885

### Jai Prakash Tripathi

Tripathi, J. P., Meghwani, S. S., Thakur, M., Abbas, S. (2018), A modified Leslie-Gower predator-prey interaction model and parameter identifiability, *Communications in Nonlinear Science and Numerical Simulation*, 54(1), 331-346.

Parshad, R. D., Basher, A., Jana, D., Tripathi, J. P. (2017), Do prey handling predators really matters: Subtle effects of Crowley-Martin functional response, *Chaos Solitons and Fractals*, 103(1), 410-421.

Tripathi, J. P., Jana, D., Tiwari, V. (2018), A Beddington-De Angelis type one-predator two-prey competitive system with help, *Nonlinear Dynamics*, 93(1), 1-21.

Tripathi, J. P., Meghwani, S. S., Tyagi, S., Abbas, S. (2018), Global dynamics and parameter identifiability in a predator-prey interaction model, *Nonautonomous Dynamical Systems*, 5(1), 113-126.



### **Vijay Kumar Yadav**

Yadav, V. K., Yadav S., Dubey, M. K., Tiwari, S. P. (2017), On algebraic characterization of IF-automata, *Advances in Intelligent Systems and Computing* (AISC), DOI: 10.1007/978-981-13-0224-4\_51.

Yadav, V. K., Dubey, M. K., Tiwari S. P. (2017), On the category of quantalesemi modules, *Advances in Intelligent Systems and Computing* (AISC). DOI: doi.org/10.1007/978-981-13-0224-4\_54.

Tiwari, S. P., Yadav, V. K., Davvaz, R. B. (2017), A categorical approach to minimal realization for a fuzzy language, *Fuzzy Sets and Systems*. DOI: 10.1016/j.fss.2017.12.002.

Yadav, V. K., Yadav S., Tiwari, S. P. (2018), On the relationship between L-fuzzy closure spaces and L- fuzzy rough sets, *Communications in Computer and Information Science* (CCIS). DOI: 10.1007/978-981 13-0023-3\_25.

### **Vipul Kakkar**

Yadav, A. C., Kakkar, V. (2017), Public key exchange using right transversals and right loops, *Journal of Discrete Mathematical Sciences and Cryptography*, 20(5), 1207-1215.

## **Department of Microbiology**

### **Pradeep Verma**

Agrawal, K., Chaturvedi, V., Verma, P. (2018), Fungal laccase discovered but yet undiscovered, *Bioresources and Bioprocessing*, 5(4), 1-12.

Bhardwaj, N., Chanda, K., Kumar, B., Prasad, Himanshu, K., Sharma, H. K., Verma, P. (2017), Statistical optimization of nutritional and physical parameters for xylanase production from newly isolated *Aspergillus oryzae* LC1 and its application in the hydrolysis of lignocellulosic agro-residues, *BioResources*, 12(4), 8519-8538. **I. F. = 1.334**

### **Pawan K Dadheech**

Tomer A. K., Neelam D. K., Dadheech P. K. (2018), Pigments profiling of non-heterocystous filamentous cyanobacterial taxa (Oscillatoriales) inhabited in biological crusts and soda lake, *Vegetos*, 31(1), 43-50.

### **Nidhi Pareek**

Kumar, M., Brar, A., Vivekanand, V., Pareek N. (2018), Production of chitinase from thermophilic *Humicola grisea* and its application in production of bioactive chitooligosaccharides, *Marine Biotechnology*, 20, 269-281. **I. F. = 2.33.**

Kumar, S., Kunwar, P., Pareek N., Chawade, A., Vivekanand, V. (2018), De-construction of major Indian cereal crops through chemical pretreatment for improved biogas production, *Renewable and Sustainable Energy Reviews*, 90, 160-170. **I. F. = 10.09**

Kumar, M., Brar, A., Yadav, M., Chawade, A., Vivekanand, V., Pareek, N. (2018), Chitinases- potential candidates for enhanced plant resistance towards fungal pathogens, *Agriculture*, 8(7), 1-12. **I. F. = 0.07.**

Yadav, M., Paritosh, K., Chawade, A., Pareek N., Vivekanand, V. (2018), Genetic engineering of energy crops to reduce recalcitrance and enhance biomass digestibility, *Agriculture*, 8(6), 1-15. **I. F. = 0.07**

Paritosh, K., Yadav, M., Mathur, S., Balan, V., Liao, W., Pareek N., Vivekanand, V. (2018), Organic fraction of municipal solid waste: an overview of treatment methodologies to enhance anaerobic biodegradability, *Frontiers in Energy Research*. DOI: 10.3389/fenrg.2018.00075.

Kumar, M., Brar, A., Vivekanand, V., Pareek, N. (2017), Process optimization, purification and characterization of a novel acidic, thermostable chitinase from *Humicola grisea*, *International Journal of Biological Macromolecules*, 116, 931-938. **I. F. = 3.93**

Kunwar, P., Mathur, S., Pareek, N., Vivekanand, V. (2017), Feasibility study of waste (d) potential: Co-digestion of organic wastes, synergistic effect and kinetics of biogas production, *International Journal of Environmental Science and Technology*, 15, 1009-1118. **I. F. = 2.04**

Gandhi, P., Kumar, S., Kunwar, P., Pareek, N., Vivekanand V. (2017), Hotel generated food waste and its biogas potential: a case Study of Jaipur city, India, *Waste and Biomass Valorization*. DOI: 10.1007/s12649-017-0153-1. **I. F. = 1.87**

#### **Akhil Agrawal**

Parajapat, G., Rellegadla, S., Jain, S., Agrawal, A. (2018), Reservoir souring control using benzalkonium chloride and nitrate in bioreactors simulating oil fields of western India, *International Biodeterioration & Biodegradation*, 132, 30-39. **I. F. = 3.562**

Shen, Y., Agrawal, A., Suri, N. K., An, D., Voordouw, J. K., Clark, R. G., Jack, T. R., Miner, K., Pederzoli, R., Benko, A., Voordouw, G. (2018), Control of microbial sulfide production by limiting sulfate dispersal in a water-injected oil field, *Journal of Biotechnology*, 266, 14-19. **I. F. = 2.533**

#### **Arvind P. Singh**

Katiyar, T., Maurya, S. S., Hasan, F., Singh, A. P., Khan, A. J., Hadi, R., Singh, S., Bhatt, M. L. B., Parmar, D. (2017), Association of cytochrome P450 1B1 haplotypes with head and neck cancer risk, *Environmental and Molecular Mutagenesis*, 58(6), 443-450. **I. F. = 3.254**

Verma, P., Saharan, V. V., Nimesh, S., Singh, A. P. (2018), Phenotypic and virulence traits of *Escherichia coli* and *Salmonella* strains isolated from vegetables and fruits from India, *Journal of Applied Microbiology*, 125(1), 270-281. **I. F. = 2.16**

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

Pandey, P., Verma, V., Dhar, S. K., Gourinath, S. (2018), Screening of *E. coli*  $\beta$ -clamp inhibitors revealed that they inhibit *Helicobacter pylori* with more efficiency: Structural and functional studies, *Antibiotics*. DOI: 10.3390/antibiotics7010005. **I. F. = 1.73**

Pandey, P., Verma, V., Kumari, N., Dhar, S. K., Gourinath, S. (2017), Targeting  $\beta$ -clamp in *Helicobacter pylori* with FDA approved drugs yields micromolar inhibition by diflunisal, *FEBS Letter*. DOI:10.1002/1873-3468.12734. **I. F. = 3.5**

### **Department of Pharmacy**

#### **Vipin Kumar**

Kumar, H., Agrawal, R., Kumar, V. (2018), Barleriacristata: Perspective towards phytopharmacological aspects, *Journal of Pharmacy and Pharmacology*, 70, 475-487. **I. F. = 2.4**

Agrawal, R., Nath, V., Kumar, H., Kumar, V. (2018), Deciphering PPAR $\gamma$  activation in cardiometabolic syndrome: Studies by *in silico* and *in vivo* experimental assessment, *Journal of Receptors and Signal Transduction*, 38(2), 122-132. **I. F. = 2.2**

Agrawal, R., Agrawal, N., Kumar, H., Kumar, V. (2018), Emerging role of branched chain amino acids in metabolic disorders: A mechanistic review, *Pharma Nutrition*, 6, 47-54.

Thotakura, N., Sharma, G., Singh, B., Kumar, V., Raza, K., 2017. Aspartic acid derivatized hydroxylated fullerenes as drug delivery vehicles for docetaxel: An explorative study, *Artificial Cells, Nanomedicine, Biotechnology*. DOI: 10.1080/21691401.2017.1392314. **I. F. = 5.605**

Sharma, V., Kamal, R., Kumar, V. (2017), Heterocyclic analogues as kinase inhibitors: A focus Review, *Current Topics in Medicinal Chemistry*, 17(22), 2482-2494. **I. F. = 3.37**

Gupta, U., Sharma, S., Khan, I., Gothwal, A., Kumar, A. K., Singh, Y., Chourasia, M. K., Kumar, V. (2017), Enhanced apoptotic and anticancer potential of paclitaxel loaded biodegradable nanoparticles based on chitosan, *International Journal of Biological Macromolecules*, 98, 810-819. **I. F. = 3.9**

### Devesh M. Sawant

Pathare, R. S., Ansari, A. J., Verma, S., Maurya, A., Maurya, A. K., Agnihotri, V. K., Sharon, A., Pardasani, R. T., Sawant, D. M. (2018), Sequential Pd(0)/Fe(III) catalyzed azide–isocyanide coupling/ cyclization reaction: One-pot synthesis of aminotetrazoles, *Journal of Organic Chemistry*. DOI: 10.1021/acs.joc.8b01261. I. F. = 4.805

Ansari, A. J., Pathare, R. S., Maurya, A. K., Agnihotri, V. K., Khan, S., Roy, T. K., Sawant, D. M., Pardasani, R. T. (2018), Synthesis of diverse *N*-heterocycles via Pd-catalyzed tandem azide-isocyanide cross-coupling/cyclization: Mechanistic insight using experimental and theoretical studies, *Advanced Synthesis & Catalysis*, 360, 290-297. I. F. = 5.646

Sharma, S., Pathare, R. S., Sukanya, Maurya, A. K., Goswami, B., Agnihotri, V. K., Sawant, D. M., Pardasani, R. T. (2017), Microwave assisted metal-/oxidant-free cascade electrophilic sulfenylation/5-endo-dig cyclization of 2-alkynylanilines to generate diversified 3-sulfonylindoles, *Tetrahedron Letters*, 58, 3823-3826. I. F. = 2.379

Pathare, R. S., Sharma, S., Gopal, K., Sawant, D. M., Pardasani, R. T. (2017), Palladium catalyzed convenient one-pot synthesis of multi-substituted 2-pyrones via transesterification and alkenylation of enynoates, *Tetrahedron Letters*, 58, 1387-89. I. F. = 2.379

### Ruchi Malik

Srivastava, S., Choudhary, B. S., Mehta, P., Sukanya, Sharma, M., Malik, R. (2018), Molecular dynamics insights for PI3K- $\delta$  inhibition & structure guided identification of novel PI3K- $\delta$  inhibitors, *Journal of Biomolecular Structure and Dynamics*. DOI: 10.1080/07391102.2018.1489304. I. F. = 3.107

Kumar, P., Sharma, G., Gupta, V., Kaur, R., Thakur, K., Malik, R., Kumar, A., Kaushal, N., Raza, K. (2018), Preclinical explorative assessment of dimethyl fumarate-based biocompatible nanolipoidal carriers for the management of multiple sclerosis, *ACS Chemical Neuroscience*, 9(5), 1152-1158. I. F. = 4.211

Mehta, P., Srivastava, S., Choudhary, B. S., Sharma, M., Malik, R. (2017), Probing voltage sensing domain of KCNQ2 channel as a potential target to combat epilepsy: A comparative study, *Journal of Receptors and Signal Transduction*, 37(6), 578-589. I. F. = 1.775

Chander, S., Pandey, R. K., Penta, A., Choudhary, B. S., Sharma, M., Malik, R., Prajapati, V. K., Murugesan, S. (2017), Molecular docking and molecular dynamics simulation based approach to explore the dual inhibitor against HIV-1 reverse transcriptase and Integrase, *Combinatorial Chemistry & High Throughput Screening*, 20(8), 734-746. I. F. = 1.205

Kumar, P., Sharma, G., Kumar, R., Malik, R., Singh, B., Katare, O. P., Raza, K. (2017), Stearic acid based, systematically designed oral lipid nanoparticles for enhanced brain delivery of dimethyl fumarate. *Nanomedicine*, 12(23), 2607-2621. I. F. = 5.005

### Umesh Gupta

Pandey, P., Sharma, A. K., Rani, S., Mishra, G., Kandasamy, G., Patra, A. K., Rana, M., Sharma, A., Yadav, A., Gupta, U. (2018), MCM-41 nanoparticles for brain delivery: Better choline-esterase and amyloid formation inhibition with improved kinetics, *ACS Biomaterials Science Engineering*. DOI: 10.1021/acsbmaterials.8b00335. I. F. = 4.432

Agrawal, M., Saraf, S., Saraf, S., Antimisiaris, S. G., Hamano, N., Li, S. D., Chougule, M., Shoyele, S. A., Gupta, U., Ajazuddin, Alexander, A. (2018), Recent advancements in the field of nanotechnology for the delivery of anti-Alzheimer drug in the brain region, *Expert Opinion on Drug Delivery*. DOI: 10.1080/17425247.2018.1471058. I. F. = 5.553

Gothwal, A., Khan, I., Kumar, P., Raza, K., Kaul, A., Mishra, A., Gupta, U. (2018), Bendamustine-PAMAM conjugates for the improved apoptosis, efficacy and *in vivo* pharmacokinetics: A sustainable delivery tactic, *Molecular Pharmaceutics*, 15(6), 2084-2097. **I. F. = 4.556**

Sharma, A. K., Gupta, L., Kumar, H., Qayum, A., Singh, S. K., Nakhate, K., Ajazuddin, Gupta, U. (2018), Chitosan engineered PAMAM dendrimers as nanoconstructs for the enhanced anti-cancer potential and improved *in vivo* brain pharmacokinetics of temozolomide, *Pharmaceutical Research*, 35(9), 1-14. **I. F. = 3.335**

Kesharwani, P., Gothwal, A., Iyer, A. K., Jain, K., Chourasia, M. K., Gupta, U. (2018), Dendrimer nanohybrid carrier systems: An expanding horizon for targeted drug and gene delivery, *Drug Discovery Today*, 23, 300-314. **I. F. = 6.848**

Kumar, H., Gothwal, A., Khan, I., Nakhate, K. T., Alexander, A., Ajazuddin, Singh, V., Gupta, U. (2017), Galactose anchored gelatin nanoparticles for primaquine delivery and improved pharmacokinetics: A biodegradable and safe approach for effective anti-plasmodial activity against *P. falciparum* 3D7 and *in vivo* hepatocytes targeting, *Molecular Pharmaceutics*, 14, 3356-3369. **I. F. = 4.556**

Khan, I., Kumar, H., Mishra, G., Gothwal, A., Gupta, U. (2017), Polymeric nanocarriers: A new horizon for the effective management of breast cancer, *Current Pharmaceutical Design*, 23, 5315-5326. **I. F. = 2.757**

Upadhyay, S., Khan, I., Gothwal, A., Pachouri, P., N. Bhaskar, Gupta, U. D., Chauhan, D. S., Gupta, U. (2017), Conjugated and entrapped HPMA-PLA nano-polymeric micelles based dual delivery of first line anti TB drugs: Improved and safe drug delivery against sensitive and resistant *Mycobacterium tuberculosis*, *Pharmaceutical Research*, 34, 1944-55. **I. F. = 3.335**

Gupta, L., Sharma, A. K., Gothwal, A., Khan, M. S., Khinchi, M. P., Qayum, A., Singh, S. K., Gupta, U. (2017), Dendrimer encapsulated and conjugated delivery of berberine: a novel approach mitigating toxicity and improving *in vivo* pharmacokinetics, *International Journal of Pharmaceutics*, 528(1-2), 88-89. **I. F. = 3.862**

#### **Kaisar Raza**

Kumar, M., Sharma, G., Kumar, R., Singh, B., Katare, O. P., Raza, K. (2018), Lysine-based C<sub>60</sub>-fullerene nanoconjugates for monomethyl fumarate delivery: A novel nanomedicine for brain cancer cells, *ACS Biomaterials Science & Engineering*, 4(6), 2134-2142. **I. F. = 4.432**

Kumar, M., Raza, K. (2018). C<sub>60</sub>-fullerenes as drug delivery carriers for anticancer agents: Promises and hurdles, *Pharmaceutical Nanotechnology*, 5(3), 169-179.

Kumar, M., Sharma, G., Misra, C., Kumar, R., Singh, B., Katare, O.P., Raza, K. (2018), *N*-desmethyl tamoxifen and quercetin-loaded multiwalled CNTs: A synergistic approach to overcome MDR in cancer cells, *Materials Science and Engineering: C*, 89:274-282. **I. F. = 5.080**

Kumar, P., Sharma, G., Gupta, V., Kaur, R., Thakur, K., Malik, R., Kumar, A., Kaushal, N., Raza, K. (2018), Preclinical explorative assessment of dimethyl fumarate-based biocompatible nanolipoidal carriers for the management of multiple sclerosis, *ACS Chemical Neuroscience*, 9(5), 1152-1158. **I. F. = 4.211**

Bahuguna, S., Kumar, M., Sharma, G., Kumar, R., Singh, B., Raza, K. (2017), Fullerenol-based intracellular delivery of methotrexate: A water-soluble nanoconjugate for enhanced cytotoxicity and improved pharmacokinetics, *AAPS PharmSciTech*. 19(3):1084-1092. **I. F. = 2.666**

Sharma, G., Thakur, K., Raza, K., Singh, B., Katare, O.P. (2017), Nanostructured lipid carriers: A new paradigm in topical delivery for dermal and transdermal applications, *Critical Reviews in Therapeutic Drug Carrier Systems*, 34, 355-386. **I. F. = 5.367**

Gothwal, A., Khan, I., Kumar, P., Raza, K., Kaul, A., Mishra, A., Gupta, U. **(2018)**, Bendamustine-PAMAM conjugates for the improved apoptosis, efficacy and *in vivo* pharmacokinetics: A sustainable delivery tactic, *Molecular Pharmaceutics*, 15(6), 2084-2097. **I. F. = 4.556**

Kumar, P., Sharma, G., Kumar, R., Malik, R., Singh, B., Katare, O. P., Raza, K. **(2017)**, Stearic acid based, systematically designed oral lipid nanoparticles for enhanced brain delivery of dimethyl fumarate, *Nanomedicine*, 12(23), 2607-2621. **I. F. = 5.005**

Thotakura, N., Sharma, G., Singh, B., Kumar, V., Raza, K., 2017. Aspartic acid derivatized hydroxylated fullerenes as drug delivery vehicles for docetaxel: An explorative study, *Artificial Cells, Nanomedicine, Biotechnology*. DOI: 10.1080/21691401.2017.1392314. **I. F. = 5.605**

## **Department of Physics**

### **Manish Dev Shrimali**

Thounaojam, U. S., Shrimali, M. D. **(2018)**, Phase-flip in relay oscillators via linear augmentation Chaos, *Solitons and Fractals*, 107, 5. **I. F. = 2.213**

Kamal, N. K., Varshney, V., Shrimali, M. D., Prasad, A., Kuznetsov, N. V., Leonov, G. A. **(2018)**, Shadowing in hidden attractors, *Nonlinear Dynamics*, 91, 2429. **I. F. = 4.339**

Kuznetsov, N. V., Leonov, G. A., Mokaev, T. N., Prasad, A., Shrimali, M. D. **(2018)**, Finite-time Lyapunov dimension and hidden attractor of the Rabinovich system, *Nonlinear Dynamics*, 92, 267. **I. F. = 4.339**

Verma, U. K., Kamal, N. K., Shrimali, M. D. **(2018)**, Co-existence of in-phase oscillations and oscillation death in environmentally coupled limit cycle oscillators, *Chaos, Solitons and Fractals*, 110, 55. **I. F. = 2.213**

Verma, U. K., Sharma, A., Kamal, N. K., Kurths, J., Shrimali, M. D. **(2017)**, Explosive death induced by mean-field diffusion in identical oscillators, *Scientific Reports*, 7, 7936. **I. F. = 4.122**

Yadav, K., Sharma, A., Shrimali, M. D. **(2017)**, Dynamics of nonlinear oscillators with time varying conjugate coupling, *Indian Academy of Sciences Conference Series*, 1(1), 157.

### **Ajit Kumar Patra**

Dash, S., Schleicher, B., Schwabe, S., Reichel, L., Heller, R., Fähler, S., Neu, V., Patra, A. K. **(2018)**, Structural and magnetic properties of epitaxial Mn-Ge films grown on Ir/Cr buffered MgO(001), *Journal of Physics D- Applied Physics* 51, 255002. **I. F.: 2.588**

Pandey, P., Sharma, A. K., Rani, S., Mishra, G., Kandasamy, G., Patra, A. K., Rana, M., Sharma, A., Yadav, A., Gupta, U. **(2018)**, MCM-41 nanoparticles for brain delivery: Better choline-esterase and amyloid formation inhibition with improved kinetics, *ACS Biomaterials Science Engineering*. DOI: 10.1021/acsbomaterials.8b00335. **I. F. = 4.432**

Shakti, N., Devi, C., Patra, A. K., Gupta, P. S., Kumar, S. **(2018)**, Lithium doping and photoluminescence properties of ZnO nanorods, *AIP Advances* 8, 015306. **I. F.: 1.568**

Agarwal, S., Hashmi, S. A., Nandan, B., Patra, A. K., Singh, R. P., Chelvane, J. A., Khatri, M. S. **(2017)**, Structure and magnetic properties of electrodeposited CoPtP/Pt multilayers nanowires, *Chemical Physics Letters*, 684, 378-382. **I. F.: 1.686**

### **Neeraj Panwar**

Coondoo, I., Panwar, N., Alikin, D., Bdikin, I., Islam, S. S., Turygin, A., Shur, V. Y., Andrei, L., Kholkin, A. L. (2018), A comparative study of structural and electrical properties in lead-free BCZT ceramics: Influence of the synthesis method, *Acta Materialia*, 155, 331-342. **I. F. = 6.036**

Panwar, N., Joby, J. P., Kumar, S., Coondoo, I., Vasundhara, M., Kumar, N., Palai, R., Singhal, R., Ram, S., Katiyar, R. S. (2018), Observation of magnetization reversal behavior in Sm<sub>0.9</sub>Gd<sub>0.1</sub>Cr<sub>0.85</sub>Mn<sub>0.15</sub>O<sub>3</sub> orthochromites, *AIP Advances*, 8, 055818. **I. F. = 1.653**

Ramovatar, Coondoo, I., Satapathy, S., Panwar, N. (2018), Structural, microstructural, ferroelectric and photoluminescent properties of praseodymium modified Ba<sub>0.98</sub>Ca<sub>0.02</sub>Zr<sub>0.02</sub>Ti<sub>0.98</sub>O<sub>3</sub> ceramics, *Ceramics International* 44, 1690–1698. **I. F. = 3.057**

Panwar, N., Kumar, S., Coondoo, I., Vasundhara, M., Kumar, N. (2018), Low temperature magnetic and magnetocaloric studies in YCr<sub>0.85</sub>Mn<sub>0.15</sub>O<sub>3</sub> ceramic, *Physica B: Condensed Matter*, 545, 352–357. **I. F. = 1.45**

### **Brijesh Kumar Singh**

Singh, B. K., Nagar, H., Roichman, Y., Arie, A. (2017), Particle manipulation beyond the diffraction limit using structured super-oscillating light beams, *Light: Science & Applications*, 6, e17050. **I. F. = 14.098**

Eliezer, Y., Singh, B. K., Hareli, L., Bahbad, A., Arie, A. (2018), Experimental realization of structured super-oscillatory pulses, *Optics Express*, 26(4), 4933-4941. **I. F. = 3.356**

### **Girish Chandra Tewari**

Tamir, I., Doron, A., Levinson, T., Gorniaczyk, F., Tewari, G.C., Shahar, D. (2017), Nonequilibrium restoration of duality symmetry in the vicinity of the superconductor-to-insulator transition, *Physical Review B*, 96, 104513. **I. F. = 3.813**

### **Rajneesh Kumar Verma**

Sodha, M. S., Verma, R. K. (2018), Nonlinear electromagnetic propagation in ionosphere: Inclusion of electron temperature dependence of the collision parameter ( $\delta$ ), *Physics of Plasmas*, 25, 022302. **I. F. = 2.115**

Verma, R. K., Suwalka, P., Yadav, J. (2018), Detection of adulteration in diesel and petrol by kerosene using SPR based fiber optic technique, *Optical Fiber Technology*, 43, 95-100. **I. F. = 1.35**

### **Sandeep Kumar**

Shakti, N., Devi, C., Patra, A. K., Gupta P. S., Kumar S. (2018), Lithium doping and photoluminescence properties of ZnO nanorods, *AIP Advances* 8, 015306. **I. F. = 1.568**

## **Department of Public Policy, Law & Governance**

### **Nagendra Ambedkar Sole**

Ambedkar, S. N. (2018), Corruption and reforms in the Indian administration, *South Asian Journal of Socio-Political studies*, 18(2), 29-33.

Ambedkar, S. N. (2017), Social exclusion of Muslims in India: A study of ghettos, *South Asian Journal of Socio-Political studies*, 18(1), 66-70.

Ambedkar, S. N. (2017), Impact of demonetization on Indian economy: An empirical analysis, *South Asian Journal of Socio-Political Studies*, 18(1), 18-22.

### **S. Kandasamy**

Kandasamy, S. (2017), Governing cyberspace and role of jurisdiction, *Ad Valorem Journal of Law*, July-Sept., 100-103. I. F. = 3.5

Kandasamy, S. (2017), Impact of green consumerism on environment, *Journal of Humanities and Culture*, July-Sept., 114-119. I. F. = 2.897

Kandasamy, S. (2017), Cyberspace jurisdiction: A comparative analysis, *Asian Journal of Advance Studies*, July-Sept., 1-6. I. F. = 2.597

Kandasamy, S. (2017), Jurisdictional issues in cyberspace, *SodhaMimansa*, 1, 155-157. I. F. = 2.695

Kandasamy, S. (2017), Application of green consumerism in banking sector, *Research Discourse*, 1, 276-278. I. F. = 2.471

Kandasamy, S. (2017), Democracy and women participation in politics- Issues and challenges, *Online International Interdisciplinary Research Journal*, 3, 191-204. I. F. 4.318

Kandasamy, S. (2017), Criminal jurisdiction in cyberspace, *Varanasi Management Review*, July-Sept., 101-104.

Kandasamy, S. (2017), E-governance in banking sector – A revolution in commercial transactions, *Online International Interdisciplinary Research Journal*, Sept.-Oct., 41-48. I. F. = 4.318

### **Gyana Ranjan Panda**

Panda, G. R. (2018), The study of gender bias in higher education institutions (HEIs): Gender audit of state universities in Rajasthan, *Report Submitted to National Commission for Women*.

### **C. Jeevan Kumar**

Jeevan Kumar, C. (2017), Impact of demonetization on Indian economy: An empirical analysis, *South Asian Journal of Socio-Political Studies (SAJOSPS)*, 18(1), 18-22.

### **Anjan Kumar Sahu**

Sahu, A. K. (2018), Book Review: Alvin Y So and Yin-Wah Chu, *The Global Rise of China*, *International Sociology*, 33(2), 187-191.

Sahu, A. K. (2017), The securitization of the climate change issues: A multi-sectoral approach to security, *World Affairs: The Journal of International Issues*, 21 (4), 26-37.

### **Scholars**

Tanwar, N. (2018), Unfulfilled children's rights & systematic discrimination in India, *Research Discourse*, February 2018, 24-26.

Pandey, A. (2017), Social justice to Indian farmers in the age of agro-biotechnology: A legal perspective, *Research Disclosure*, 7(8), 120.

Prasad, S. (2017), Grassroot poverty alleviation in Jharkhand: Issues, challenges, and the way forward, *IJPS*, 3(1), 11-18.

Saroj, V. (2017), Theoretical & conceptual Framework of custodial torture, *AD VALOREM*, 4 (2), 66-70.

Nayak, N. (2017), India & climate change: A special reference to national action plan on climate change, *AD VALOREM*.

## Department of Social Work

### Jagdish Jadhav

Rana, S., Jadhav, J. (2018), Positive youth development and substance abuse among youths: A systematic review, *International Journal of Research Culture Society*, 14, 42-47. I. F. = 3.449

Jadhav, J., Rana, S. (2018), How far higher education is egalitarian and inclusive in Rajasthan?, *South Asian Journal of Participative Development*, 18(1), 5-16.

Bhosale, P., Jadhav, J. (2017), Pedagogical issues and practices of social work education, *Vision Research Review*, 12(1), 36-41. I. F. = 2.048

### Subhasis Bhadra

Bhadra, S. (2017), A man-made, so called natural disaster and resiliency of hill community: Himalayan tsunami in India, *Integrated Journal of Social Sciences*, 5(1), 1-8.

Tayal, N., Bhadra, S. (2017), Life events of HIV discordant couples in India, *Jharkhand Journal of Development and Management Studies*, 15(3), 7391-7405.

Bhatnagar, C., Bhadra, S. (2017), Perceived stress among Anganwadi workers (AWW) in integrated child development service (ICDS) programme, *The Social ION*, 6(2), 30-36.

### Shaizy Ahmed

Ahmed, S. (2017), Gender inequality in India: Measures & Growing Concerns, *Social Work Chronicle*, 6(1), 55-69.

Ahmed, S. (2018), Representation of Indian diaspora in Bollywood: A socio-cultural analysis, *Mahila Pratishthan: International Multidisciplinary Journal on Women and Gender Studies*, 3(3), 231-242.

Ahmed, S., Manupriya. (2018), Reflection on tribal health & nutritional needs: A comparative analysis of selected EAG states, *Desh Vikash*, 5(1), 67-82.

Ahmed, S. (2018), Sehat, tandurustiaurbadlav ki nayipehal, Vaigyanik Drishtikon, *New Delhi Supported Science Newsletter*, February, 14.

### Rajeev MM

Aamir, M., Rajeev, M. M. (2018), Misdiagnosis of silicosis: Plight-Hood of mine worker in the peer reviewed journal, *Research Discourse*, 26, 80-83.

### DP Negi

Negi, D. P. (2018), Tribal health and health care belief in India: A systematic review, *International Journal of Research in Social Sciences*, 8, 219-226.

### Scholars

Rana, S. (2018), Positive youth development among rural youth: A study of Bandar Sindri village of Central Rajasthan, *Social Work Foot Prints*, 8(1), 74-86.

Rana, S. (2018), How far higher education is egalitarian and inclusive in Rajasthan?, *South Asian Journal of Participation Development, CSRD – Centre for Social Research and Development*, 18 (1), 5-16.

Rana, S. (2018), Positive youth development and substance abuse among youth: A systematic review, *International Journal of Research Culture Society*, 14, 40-47.

Priya, M. (2018), Reflection on tribal health & nutritional needs: A comparative analysis of selected EAG



states, *Desh Vikas Journal*, 5(1), 67-82.

Priya, M. (2018), Governance *vis-à-vis* Naxalism: Social crisis to tribal's –A reflective praxis, *Roots International Journal of Multidisciplinary Researches*, 4(3), 120-124.

Aamir, M. (2018), Misdiagnosis of silicosis: Plight hood of mine worker, *Discourse*, 8(26), 80-83.

Rana, S. (2017), A review on educational status of scheduled tribes of Rajasthan, *Journal of Indian Education*, NCERT.

Choudhary, G. N. (2017), Stress: Causes and effects on Person's well-being and stress management, *India-Japan International Conference*, 112-114.

## Department of Statistics

### Jitendra Kumar

Agiwal, V., Kumar, J., Shangodoyin, D. K. (2018), A Bayesian inference of multiple structural breaks in mean and error variance in panel AR(1) model, *Statistics in Transition*, 19(1), 7-23.

Agiwal V., Jitendra Kumar, J., Sharma, S. K. (2018), Testing of parameter's instability in a balanced panel: An application to real effective exchange rate for SAARC countries, *Journal of Economics and Econometrics*, 61(2), 18-46.

Kumar, J., Kumar, A., Agiwal, V. (2018), Bayesian study of panel AR(1) model with stationary covariate, *International Journal of Statistics & Economics*, 19(1), 48-60.

Kumar, J., Kumar, S., Afifa U., Raj, R. (2018), An alternative approach of handling the outlier: A case with Indian NPS, *Journal of Data Science*, 16(1), 29-50.

Kumar, J., Kumar S. (2017), Big data time series analysis: An approach with the size of the time series, *International Journals of Advanced Research in Computer Science and Software Engineering*, 7, 767-774.

Kumar, J., Kumar, A., Agiwal A., Shangodoyin, D. K. (2017), Bayesian Inference of C-AR(1) time series model with structural break, *Afrika Statistika*, 12(3), 1467-1479.

Kumar, J., Chaturvedi, A., Afifa, U., Yousuf, S., Kumar, S. (2017), Unit root test for panel data AR(1) time series model with linear time trend and augmentation term: A Bayesian approach, *Journal of Modern and Applied Statistical Methods*, 16(2), 138-156.

Chaturvedi, A., Kumar, J., Afifa, U. (2017), Bayesian unit root test for panel data, *Journal of Economics and Econometrics. Economics and Econometrics Research Institute*, Avenue de Beaulieu, 1160 Brussels, Belgium.

Kumar, J., Chaturvedi, A., Kumar, A. (2017), Testing for unit root in the presence of stationary covariate: A Bayesian approach, *International Journal of Intelligent Technology and Applied Statistics*, 10, 1-18.

Agiwal, V., Kumar, J., Sharma, S. K. (2017), Testing of parameter's instability in a balanced panel: An application to real effective exchange rate for SAARC countries, *Economics and Econometrics Research Institute*, Volume(Issue), 61(2), 18-46.

### Deepesh Bhati

Bhati, D., Ravi, S. (2018), On generalized log-Moyal: A new heavy tailed size distribution, *Insurance: Mathematics and Economics*, 79, 247-259. **I. F. = 1.52**

Bhati, D., Ravi, S. (2018), Diagnostic plots for identifying max domains of attraction under power normalization *Journal of Applied Statistics*, DOI: 10.1080/02664763.2017.1421915. **I. F. = 0.71**

Bhati, D., Bakouch, H. S. (2018), A new infinitely divisible discrete distribution with applications to count data modeling, *Communication in Statistics-Theory and Methods*, DOI: 10.1080/03610926.2018.1433847. **I. F. = 0.33**

#### **Sanjay Kumar**

Kumar, S., Tiwari, N. (2018), Generalized naïve ratio and product based estimators for estimating population mode in simple random sampling. *International Journal of Statistics and Economics*, 19 (1), 1-35.

Kumar, S., Maheshwari, P., Chhapparwal, P. (2017), An improved regression type estimator to estimate population mean under non-normality in simple random sampling. *Journal of Statistics and Management System*, 20(6), 1035-1050.

Kumar, S., Chhapparwal, P. (2017), Robust exponential ratio and product type estimators for population mean using order statistics in simple random sampling. *International Journal of Ecological Economics and Statistics*, 38(3), 51-70.

#### **Mahendra Saha**

Saha, M., Dey, S., Maiti, S. S. (2018), Parametric and non-parametric bootstrap confidence intervals of CNpk for exponential power distribution, *Journal of Industrial and Production Engineering*, 35(3), 160-169.

Saha, M., Kumar, S., Maiti, S. S., Yadav, A. S. (2018), Asymptotic and bootstrap confidence interval of generalized process capabilities index Cpy for exponentially distributed quality characteristic, *Journal of Life Cycle Reliability and Safety Engineering*, doi:10.1007/s41872-018-0050-z.

Dey, S., Saha, M. (2018), Bootstrap confidence intervals of the difference between two generalized process capability indices for inverse Lindley distribution, *Life Cycle Reliability and Safety Engineering*, 7, 89-96.

#### **Arvind Pandey**

Pandey, P., Lalpawimawha (2018), Comparison of shared frailty models: A Bayesian approach, *International Journal of Statistics and Applied Mathematics*, 3(2), 511-517.

Hanagal, D. D., Pandey, A. (2017), Shared inverse Gaussian frailty models based on additive hazards, *Communications in Statistics-Theory and Methods*, 46(22), 11143-11162. **I. F. = 0.33**

Pandey, A. (2017), Entropy for different frailty distributions, *International Journal of Pure and Applied Research in Engineering and Technology*, 2, 17-22.

#### **Abhimanyu Singh Yadav**

Saha, M., Kumar, S., Maiti, S. S., Yadav, A. S. (2018), Asymptotic and bootstrap confidence interval of generalized process capabilities index Cpy for exponentially distributed quality characteristic, *Journal of Life Cycle Reliability and Safety Engineering*. DOI: 10.1007/s41872-018-0050-z.

Yadav, A. S., Singh, S. K., Singh, U. (2018), Estimation of stress-strength reliability for inverse Weibull distribution under progressive type-II censoring scheme, *Journal of Industrial and Production Engineering*. DOI: 10.1080/21681015.2017.1421590.

Yadav, A. S., Yang, M. (2018), On Type-II Hybrid Censored Two Parameter Rayleigh Distribution, *International Journal of Mathematics and Computation*, 29(1), 11-24.

Yadav, A. S., Singh, S. K., Singh, U. (2017), Bayesian estimation in Lomax distribution under Type-II hybrid censored data using Lindley's approximation method, *International Journal of Data Science*, 2(4), 352-368.

## Central Library

### Vijay Kumar M

Kolle, S. R., Shettar, I., Vijaykumar, M., Parameshwar, G. S. (2018), Publication trends in literature on eBooks: a Scopus based bibliometric analysis, *Collection and Curation*, 37(3), 119-127.

Kolle, S. R., Vijaykumar, M. (2017), Authorship pattern and degree of collaboration in grapes research (2006-2015): A Web of Sciences based investigations, *ISST Journal of Advances in Librarianship*, 8 (2), 1-6.

Kolle, S. R., Vijaykumar, M. (2017), Gender and authorship pattern in Annals of Library and Information Studies (2010-2014), *ISST Journal of Advances in Librarianship*, 8 (2), 47-49.

Jayaprakash, Vijayakumar, M. (2017), Analysis of ranking of universities of Karnataka: NIRF Approach, *RBU Journal of Library and Information Science*, 19, 139-146.

Vijayakumar, M., Kolle, S. R. (2017), Indian contribution to information science and library science research during 1991-2015: A bibliometrics analysis, *DESIDOC Journal of Library & Information Technology*, 37 (6), 387-395.

## A. Book/Book chapter/Editor of the book

### Department of Architecture

#### Neeraj Gupta

Gupta N., Green school building: Enhancing student's performance. ISBN: 978-81-7975-939-4, Anamika Publishers & Distributors (p) Ltd., 2017.

### Department of Biotechnology

#### Janmejaya Pandey

Goyal D., Pandey J., Prakash O., Role of plant growth-promoting rhizobacteria (PGPR) in degradation of xenobiotic compounds and allelochemicals. In: Singh H. B., Sharma B. K., Keswani C., editors. *Advances in PGPR Research*. ISBN: 978-178-63-9032-5, 2017, CAB International, Oxfordshire-UK, pp. 330-348.

#### Surendra Nimesh

Arya G., Kumari R. M., Sharma N., Gupta N., Chandra R., Nimesh S., Polymeric nanocarriers for site-specific gene therapy, In: A.M. Grumezescu, editor. *Drug Targeting and Stimuli Sensitive Drug Delivery Systems*, ISBN: 978-0-12-813689-8, 2018, William Andrew Applied Science Publisher, Elsevier, UK, pp. 689-71.

Kumari R.vM., Sharma N., Gupta N., Chandra R., Nimesh S., Synthesis and evolution of polymeric nanoparticles: Development of an improved gene delivery system, In: A.M. Grumezescu, editor. *Design and Development of New Carriers*, ISBN: 978-0-12-813627-0, 2018, William Andrew Applied Science Publisher, Elsevier, UK, pp. 401-438.

Kumari R.vM., Sharma N., Gupta N., Chandra R., Nimesh S., Polymeric nano-vectors based siRNA delivery: A blooming field towards better therapeutics, In: Leon V. Berhardt, editor. *Advances in Medicine and Biology* Vol. 114, 978-1-53160-737-1, 2017, Nova Science Publishers Inc., US, pp. 29-65.

## **Department of Chemistry**

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

Pardasani R. T., Pardasani P., Magnetic Properties of Paramagnetic Compounds, Volume 31/D, ISBN: 978-3-662-53970-5, Springer, Germany, 2017.

Pardasani R. T., Pardasani P., Magnetic Properties of Paramagnetic Compounds, Volume 31/E, ISBN: 978-3-662-53973-6, Springer, Germany, 2017.

Pardasani R. T., Pardasani P., Magnetic Properties of Paramagnetic Compounds, Volume 31/F, ISBN: 978-3-662-54227-9, Springer, Germany, 2017.

Pardasani R. T., Pardasani P., Magnetic Properties of Paramagnetic Compounds, Volume 31/G, ISBN: 978-3-662-54230-9, Springer, Germany, 2017.

Pardasani R. T., Pardasani P., Magnetic Properties of Paramagnetic Compounds, Volume 31/H, ISBN: 978-3-662-54233-0, Springer, Germany, 2017.

Pardasani R. T., Pardasani P., Magnetic Properties of Paramagnetic Compounds, Volume 31/I, ISBN: 978-3-662-54236-1, Springer, Germany, 2017.

## **Department of Computer Science**

### **Aitha Nagaraju**

Sheikh S., Nagaraju A., Shahid M., Dynamic load balancing with advanced reservation of resources for computational grid. In: Pattnai P., Rautaray S., Das H., Nayak J. editors. *Progress in Computing, Analytics and Networking: Advances in Intelligent Systems and Computing*, ISBN: 978-981-10-7870-5, 2017, Springer, Singapore, pp. 501-510.

Balakrishna E., Rama B., Nagaraju A., Performance of negative association rule mining using improved frequent pattern tree. In: Bhateja V., Tavares J., Rani B., Prasad V., Raju K., editors. *Advances in Intelligent Systems and Computing*, ISBN: 978-981-10-8227-6, 2018, Springer, Singapore, pp. 81-89.

### **Mamta Rani**

Rani M., *Cubic Superior Mandelbrot Sets*. 2017.

Rani M., Prajapati, D. J., Dimri, R. C., *Fractal Projective Hedgehogs*. 2A017.

Singh B., Rani M., *Noor transcendental Julia and Mandelbrot Sets*. 2017.

### **Krishna Kumar Mohbey**

Mohbey K. K., Bakariya B., Kalal V., A study and comparison of sentiment analysis techniques using demonetization: Case Study. In: D. Rajput, R. Thakur, Basha, S., editors. *Sentiment Analysis and Knowledge Discovery in Contemporary Business*, ISBN: 978-1-5225-4999-4, 2019, Hershey, PA: IGI Global, pp. 1-14.

## **Department of Computer Science & Engineering**

### **Ravi Saharan**

Rathor B., Saharan R., Steganography using Bit Plane Embedding and Cryptography. In: Arun K., Somani A., Srivastava S., Mundra A., Rawat A., editors. *Smart System, Innovations and Computing*, ISBN: 978-981-10-5828-8, 2018, Springer, Singapore, pp. 319-330.

Singh M., Saharan R., A New Approach for Suspect Detection in Video Surveillance. In: Mishra D., Nayak M., Joshi A., editors. *Information and Communication Technology for Sustainable Development*, ISBN: 978-981-