7. Research and Other Publications of the Faculty

(a) Books/Edited Books/ Book Chapters/Research Articles in Journals/Conference Procedings

Research Articles

- Adhikari, Shekhar. China's Peaceful Rise and India's Responses in India- China Relations, Sanjay Kumar and Dhirendra Dwivedi. Eds. Pentagon Press, New Delhi, pp. 1-16, 2015.
- Adhikari, Shekhar. India-Russia: Problems and Opportunities in South Asia: Traditional and Non Traditional Security Threats, Shekhar Adhikari Ed. Pentagon Press, New Delhi, pp. 50-66, 2015.
- Adhikari, Shekhar. Terrorism: A Conceptual Analysis, Rajvir Singh Ed. Cross Border Terrorism: Biggest Threat to India's Security, Satyam Publishing House, New Delhi, pp 255-274, 2015.
- Agarwal, Prashant. Criminalization of Politics and Indian Administration, in Criminalization of Politics and Corruption: Big Challenge to India, ASR Publications, Ghaziabad, New Delhi, pp 113-122, 2014.
- Agarwal, Prashant. Cyber Terrorism and its Impact on Security, Journal of Media Studies, Vol. III, No.1, pp-79-86, 2014.
- Agarwal, Prashant. India's Emerging Challenges for Energy Security, Journal of Peace, Security & Development, Vol. XX, pp-71-86, 2014
- Agrawal, S. C. Oscillatoria animalis Ag. ex Gomont, A Type Species Cccurring In Sewage Water In Allahabad: M. Pathak, S. C. Agrawal and K. Bala. Journal of Algal Biomass Utilization 5(2), 30-32, 2014.
- Anand, R.K. and Harish C. Yadav. On The Structure of MHD Shock Waves in A Viscous Non-Ideal Gas. Theor. Comput. Fluid Dyn. 28 369–376 (8pp) doi: 10.1007/s00162-014-0320-y, 2014.
- Anand, R.K. Shock Jump Relations for a Dusty Gas Atmosphere. Astrophys Space Sci 349 181–195 (15pp) doi: 10.1007/s10509-013-1638-4, 2014.
- Anand, R.K. An Analysis For Strong Spherical ShockWaves Of Variable Energy In a Dusty Atmosphere: A Power Series Solution arXiv: 1408.5713, 2014.
- Anand, R.K. Jump Relations For Magnetrohydrodynamic ShockWaves In A Dusty Gas Atmosphere arXiv:1406.1884, 2014.
- Anand R K. On Dynamics of Imploding Shockwaves in a Mixture of Gas and Dust Particles. International Journal of Non-Linear Mechanics 65C (2014) 88-97 (10pp) doi: 10.1016/j.ijnonlinmec.2014.05.001
- Agarwal, Vidya & Ashish Kumar Arya. Balikaon ki Uchcha Shiksha ke Prati Muslim Abhibhavkon ke Drashtikon ka Addhyayan. A Paper Published in Emerging Areas of Contemporary Indian Education: Bhopal; Academic Book House, 2014.
- Agarwal, Vidya & Anupama Singh. Gender Sensitivity: Concept and Issues. A Paper Published in Emerging Areas of Contemporary Indian Education: Bhopal; Academic Book House, 2014.
- Agarwal, Vidya & Anamika Tiwari. A Study of Adolescents Perception of Their Health Problem and Role of Their Parents in Providing Health Education. A Paper Published in 'Emerging Areas of Contemporary Indian Education: Bhopal; Academic Book House, 2014.

- Baltagi, Badi H. Georges Bresson, Anoop Chaturvedi and Guy Lacroix: Robust linear static panel data models using epsilon-contamination, MPRA (Munich Personal RePEc Archive), November, 2014.
- Bartaria, D. H. Chandra, M. Pandey, V. Krishna, Partial molar volume, partial molar adiabatic compressibility and viscosity coefficient of aqueous solution of metal(II) chelates of ethylenediaminetetraacetic acid, Proceedings of the National Academy of Sciences, India, Section A: Phys. Sciences 84, 43-48, 2014.
- Becker, D. V. & Srinivasan, N. The vividness of the happy face. Current Directions in Psychological Science, 23, 189-194, 2014.
- Begum, N. and R.S. Pandey- AntiAChE potential of some plant domestica L. (Diptera:Muscidae) Curr. Trends in Biomed. Life Sci. 1(1): (online published). 2014.
- Begum, N. B. Sharma, and R.S. Pandey Impact of Calotropis procera and Annona squamosa alcoholic extracts on phosphatases and transaminases activities in Musca domestica Natl. Acad. Sci. Lett. (under review), 2014.
- Begum, N. B. Sharma, and R.S.Pandey Impact of Calotropis procera alcoholic extracts on the activities of phosphatases and transaminases Product Res. (ready for submission). (Impact Factor 0.94), 2014.
- Begum, N. S. Singh, and R.S.Pandey Biochemical studies on the insecticidal potential of d-Transallethrin, Transfluthrin and Prallethrin in Musca domestica - J. Ravishankar University (Science) 27:58-62, 2014.
- Bhadauria, Sanjeev. Central Asia's Regional Security: US Perspective, P. L. Dash, Anita Sengupta and Murat M Bakhadirov (Ed.), Central Asia and Regional Security, K W Publishers Pvt. Ltd, New Delhi, pp. 53-72, 2014.
- Bhadauria, Sanjeev. Challenges to Human Dimensions of Security in India, S. Adhikari & S. Bhadauria (Eds.), India's National Security in the 21st Century, Pentagon Press, New Delhi, pp, 2014.
- Bhadauria, Sanjeev. Criminalization of Politics and India's National Security, Rajvir Singh (Ed.), Criminalization of Politics and Corruption: Big Challenge to India, ASR Publications, Ghaziabad, pp. 67-79, 2014.
- Bhadauria, Sanjeev. Emerging India in Asia Pacific, Indian Journal of Strategic Studies (IJSS), Department of Defence and Strategic Studies, Vol. XXXI-XXXII, pp. 91-98, 2014.
- Bhadauria, Sanjeev. Global Terrorism: UN and its Policies, Rajvir Singh (Ed.), Cross Border Terrorism: Biggest Threat to India's Security, Satyam Publishing House, New Delhi, pp. 129-135, 2015.
- Bhadauria, Sanjeev. India Pakistan: A Dialogue of the Deaf, One India One People, November, Mumbai, pp. 11-14, 2014.
- Bhadauria, Sanjeev; Power Struggle between India and China, Shekhar Adhikari (Ed.), India's Security Interests in her Neighbourhood, Pentagon Press, New Delhi, pp. 124-136, 2015.
- Bhadauria, Sanjeev. The Challenge of Energy Security in India, Arun Kumar Dixit and Pankaj Kumar (Ed.), India's National Security and Energy Scenario, Satyam Publishing House, New Delhi, pp. 44-55, 2014.
- Bhadauria, Sanjeev. The Naxal / Maoist Challenge to the Indian State, Arun Kumar Dixit and Pankaj Kumar (Ed.), Naxalism: Issues, Challenges and Alternative Approaches, Satyam Publishing House, New Delhi, pp. 37-46, 2014.

- Bhargava, J. N. Green Marketing and its Impact: A Case Study of Hindustan Unilever Limited in co-authorship with Mohammad Faizi in edited book Management Challenges in the New Era, (Editors Rahela Farooqui and Saif Siddiqui), New Delhi Excel Publishing Services, p. 70 76, 2014.
- Bhargava, J. N. Online Shopping: Consumers Attitude and Adoption in co-authorship with Sakshi Chhabra in edited book Management Challenges in the New Era, (Editors Rahela Farooqui and Saif Siddiqui), New Delhi Excel Publishing Services), p. 36 50, 2014.
- Bhargava, J. N. The Breakfast Menu in Allahabad Changing Trends and Consumer Preferences in co-authorship with Sakshi Chhabra in edited book Management Challenges in the New Era, (Editors Dr. Mukesh Kumar Barua, Dr. Zillur Rahman)), New Delhi Excel Publishing Services), , p. 83 91, 2014.
- Bhargava, J. N. Trend Casting FMCG Sector in India, International Journal of Science, Technology & Management, Volume 04, Issue S-1 (01), March 2015 and available on www.ijstm.com.
- Bharti, Abhi Sarika. Nidhi Shukla, Sweta Sharma, Shuchi Srivastava, Renu Singh and K. N. Uttam, Investigation of Building Material by Laser Induced Breakdown Spectroscopy, Proceedings of National Laser Symposium (NLS-23) S.V. University, Tirupati. NLS-23 Identifier: ISBN: 9788190332156 CP-09-15 3-6 Dec, 2014.
- Bharti, Abhi Sarika. Nidhi Shukla, Sweta Sharma, Shuchi Srivastava, Renu Singh and K. N. Uttam, Investigation of Building Material by Laser Induced Breakdown Spectroscopy Presented in National Laser Symposium (NLS-23) S.V. University, Tirupati, 3-6 Dec, 2014.
- Bhaskar, R. B Mohanty Pesticides in Mixture Disrupt Metabolic Regulation: In Silico and in Vivo Analysis of Cumulative Toxicity of Mancozeb and Imidacloprid on Body Weight of mice. Gen Comp Endocrinol, 205: 226-234. DOI: 10, 1016 /j. ygen .2014.02.007. Elsevier, I.F. 2.8, 2014.
- Bhat, H. R. U. P. Singh, P. Gahtori, S. K. Ghosh, K. Gogoi, A. Prakash, R. K. Singh, Synthesis, docking, in vitro and in vivo antimalarial activity of hybrid 4-aminoquinoline-1,3,5-triazine derivatives against wild and mutant malaria parasites, ChemBiol Drug Des, DOI: 10.1111/cbdd.12490, 2015.
- Bhat, H. R. U. P. Singh, P. Gahtori, S.K. Ghosh, K. Gogoi. A, Prakash, R.K. Singh 4-Aminoquinoline-1,3,5-triazine: Design, synthesis, in vitro antimalarial activity and docking studies. ChemInform Abstract, 45, DOI: 10.1002/chin.201404181, 2014.
- Budania, Rajpal. Asian Security Structure and Challenges for India: Efficacy of the Nehruvian Approach in Baljit Singh, ed., Revisiting Nehru in Contemporary India. New Delhi: Knowledge World, 2015.
- The Future of Regional Security in South Asia in Shekhar Adhikari, ed., South Asia: Traditional and Non-Traditional Security Threats. New Delhi: Pentagon Press, 2015.
- Buzinde, C. N. J. M Kalavar, N. Kohli, & Manual Navarrette, D. Emic understandings of Kumbh Mela pilgrimage experiences. Annals of Tourism Research, 49, 1-18. 2014.
- Chakarvorty, M. A.K. Dwivedi, A.D. Shukla, S. Kumar, A. Niyogi, M. Usmani, and J.K. Pati, Geochemistry and magnetic measurements of suspended sediment in urban sewage water vis-à-vis quantification of heavy metal pollution in Ganga and Yamuna Rivers, India. Environmental Monitoring and Assessment (Springer), v. 187, 604 (1-17), DOI 10.1007/s10661-015-4794-x. (Impact Factor: 1.68), 2015.
- Chakarvoty, M. J. K. Pati, S. K. Patil, S. Shukla, A. Niyogi, and A.K. Saraf, Physical characterization, magnetic measurements, REE geochemistry and bio-monitoring of dust-

- load accumulated during a protracted winter fog period and their implications. Environmental Monitoring and Assessment, v.186, 2965-2978. (Springer; DOI:10.1007/s1061-013-3594-4) (Impact Factor: 1.68), 2014.
- Chakarvoty, M. J. K., Pati, S. K. Patil, , S. Shukla,, A. Niyogi.and A. K. Saraf 'Physical characterization, magnetic measurements, REE geochemistry and bio-monitoring of dust-load accumulated during a protracted winter fog period and their implications'. Environmental Monitoring and Assessment, v.186, 2965-2978. (Springer; DOI:10.1007/s1061-013-3594-4) (Impact Factor: 1.68), 2014.
- Chattopadhyaya, Umesh Chandra. Exploration in Eastern Vindhyas, Sonbhadra District, U.P.
- Chattopadhyaya, Umesh Chandra. Exploration in Central Ganga valley (Allahabad, Kausambi and Fatehpur Districts, U.P.).
- Chattopadhyaya, Umesh Chandra. Trial Excavation at Katharia, an archaeological site of early historical period.
- Chaturvedi, Anoop and Shalabh. Bayesian Estimation under Extended Balanced Loss Function, Communications in Statistics (Theory and Methods), 43, 4253–4264, 2014,.
- Chaturvedi, Anoop. M. Pati and S. K. Tomar Robust Bayesian analysis of Weibullfailure model, Metron, 201472, 77-95.
- Chauhan, A. S. N. J. Siddiqi, B. Sharma A Novel Promising Strain of Trichoderma Evansii (WF-3) for extracellular galactosidase production by utilizing different carbon sources under optimized culture conditions. BIOMED RESEARCH INTERNATIONAL Impact Factor (IF): 2.706) (Volume 2014, Article ID 640754, 26 pages; http://dx.doi.org/10.1155/2014/640754), 2014.
- Chauhan, A. S. Arunesh Kumar, Nikhat J. Siddiqi, and B. Sharma Extracellular -Galactosidase from Trichoderma sp. (WF-3): Optimization of Enzyme Production and Biochemical Characterization. BIOTECHNOLOGY RESEARCH INTERNATIONAL (In Press), 2015.
- Chauhan, D. K. Silica Deposition Pattern in Sand Paper vine Petrea volubilis L.: D Kumar and D K Chauhan, Bionature 35(1 & 2), 7-11, 2015.
- Chauhan, D. K. Morpho-anatomical and Biochemical Adopting Strategies of Maize (Zea mays L.) Seedling Against Lead and Chromium Stresses: S. Singh, P. K. Srivastava, D. Kumar, D. K. Tripathi, D. K. Chauhan and S. M. Prasad, Biocatalysis and Agricultural Biotechnology 4, 286-295, 2015.
- Chauhan, D. K. Effect of Arsenic on Growth, Arsenic Uptake, Distribution of Nutrient Elements and Thiols in Seedlings of Wrightia arborea (Dennst.) Mabb.,: D. Kumar, V. P. Singh, D. K. Tripathi, S. M. Prasad and D. K. Chauhan, International Journal of Phytoremediation 17, 128-134, 2015.
- Chauhan, D. K. Silicon-mediated Alleviation of Cr (VI) Toxicity in Wheat Seedlings as Evidenced by Chlorophyll Florescence, Laser Induced Breakdown Spectroscopy and Anatomical Changes: D. K. Tripathi, V. P. Singh, S. M. Prasad, D. K. Chauhan, N. K. Dubey and A. K. Rai, Ecotoxicology and Environmental safety 113, 133–144, 2015.
- Chauhan, D. K, Comparative Study of Silicified Trichomes of Some Luffa Mill. Species: D. K. Chauhan, D. Tripathi, D. K. Tripathi, D. Kumar and S. P. Tiwari, National Academy Science Letters 37, 181-186, 2014.

- Chauhan, D. K. Biogenic Silica (phytolith) Production Pattern of Cotyledonary, First Two and Mature Leaves of Holoptelea Integrifolia Planch., Seedlings: D. Kumar, D. K. Tripathi and D. K. Chauhan Bionature 33(2), 63-70, 2014.
- Chauhan, D. K. Phytoremediation Potential and Nutrient Status of Barringtonia Acutangula Gaerth. Tree Seedlings Grown under Different Chromium (Cr VI) Treatments: D. Kumar, D. K. Tripathi and D. K. Chauhan, Biological trace element research 157(2), 164-174, 2014.
- Chauhan, D. K. In-Situ Monitoring of Chromium Uptake in Different Parts of the Wheat Seedling (Triticum aestivum) using Laser-Induced Breakdown Spectroscopy: R. Kumar, D. K. Tripathi, A. Devanathan, D. K. Chauhan and A. K. Rai, Spectroscopy Letters 47(7), 554-563, 2014.
- Chauhan, D. K. A Potential Contribution of Achene Micromorphology and Phytolith Analysis in Describing the Systematics of Genus Bolboschoenus from India: S. Mishra, D. K. Tripathi, Z. Hroudova and D. K. Chauhan, Plant Systamatics and Evolution 301, 955–966, 2014.
- Chauhan, D. K. Analysis of stem of Tinospora Cordifolia, Leaves of Andrographis paniculata and root and leaves of Boerhaavia diffusa for nutritional and phytochemical composition: V. Puranik, D. K. Chauhan and V. Mishra, International Journal of Food and Nutritional Sciences. 3(4), 104-111, 2014.
- Chauhan, D. K. An overview of biogenic silica production pattern in the leaves of Hordeum vulgare L.: D. K. Tripathi, R. Prasad and D. K. Chauhan, Indian Journal of Plant Science 3(2), 167-173, 2014.
- Chauhan, D. K. Delivered Dr. J. P. Srivastava Memorial Lecture entitled 'Past Present and Future of Cycads' in C.M.P. Degree College, Allahabad, on 30th January 2015 at Allahabad.
- Chauhan, D. K. Delivered Prof. A. K. Gosh Memorial Lecture entitled 'Fossil History of Ginkgo L.' in the National Symposium of Botanical Society of Bengal, at Calcutta University, Kolkata, on 5th December, 2014.
- Chawla, R. A. K. Singh, L. D. S. Yadav, K2S2O8-Mediated aerobic oxysulfonylation of olefins into β-keto sulfones in aqueous media, Eur. J. Org. Chem. 2014, 2032-2036.
- Chawla, R. A. K. Singh, L. D. S. Yadav, An organocatalytic synthesis of N-sulfonyl imines using chloramine-T in aqueous medium, Tetrahedron Lett. 2014, 55, 3553-3556.
- Choudhary, S. & K. Thapa. Clinical profile of borderline personality disorder in North India. Psychological Studies. (Online First, 23 March, 2014), 59, 1. 2014.
- Carr, S. C. Miles, Dalal, A. K. et. al, Psychology and poverty reduction: A global special issue. International Perspective in Psychology Research, Practice and Consultation, 3 (4), 215-237, 2014.
- Dalal, A. K. Grounds for Mutual Reinforcement? Comments on Prof. Rao's Paper. Psychological Studies, 59 (2), 2014.
- Dar, D. Ah. A. Gaur, B. Soni, B. D. Shrivastava, J. Prasad, K. Srivastava, S. N. Jha, D. Bhattacharyya X-ray Absorption Fine Structure Investigation of Copper(ii) Mixed Ligand Complexes with Pyridinedicarboxylic Acid as Primary Ligand, Journal of Applied Spectroscopy, 2015, 82, 278-284.
- Dash, T. & B. R. Kar 'Behavioural and ERP correlates of bilingual language control and general-purpose inhibitory control: evidence' based on the identity negative priming paradigm. Behavioural Neurology, 679706, 2014.
- Dey, K. K. P. Kumar, R.R. Yadav, A. Dhar, A.K. Srivastava, CuO nanoellipsoids for superior physicochemical response of biodegradable PVA, RSC Adv. 4, 10123-10132, 2014.

- Dey, Kajal Kumar. Divyanshu Bhatnagar, Avanish Kumar Srivastava, Meher Wan, Satyendra Singh, Raja Ram Yadav, Bal Chandra Yadavand Melepurath Deepa, VO2 nanorods for efficient performance in thermal fluids and sensors, Nanoscale Royal Society of Chemistry, UK, 2015.
- Dhawan, Punit Kumar. Meher Wan, Satyendra Verma, D.K.Pandey, R.R.Yadav, Effect of diameter and surface roughness on ultrasonic properties of GaAs nanowires, Journal of Applied Physics (AIP Publishing) 117 074307, 2015.
- Dhawan, Punit Kumar. Sanjay Upadhyay, S.K. Verma, Meher Wan, R.R. Yadav, B.Joshi, Size and temperature dependent ultrasonic properties of thermoelectric nano wires, Materials Letters; 114, 15-18 (UK), 2014.
- Dikshit, Anupam. In vitro comparative efficacy of extract and essential oil of Eupatorium Odoratum L. by CLSI method against water-borne bacterial pathogens: A. Kumar, A. C. Shukla and A Dikshit, 102nd ISC, University of Mumbai, Maharashtra, India, 2015.
- Dikshit, Anupam. Anti-Malassezia potential of geraniol and their target validation over Mala s1, a novel allergen using molecular modeling: R K Mishra, V Mishra, H Pandey, A. C. Pandey and A Dikshit, 102nd ISC, University of Mumbai, Maharashtra, India, 2015.
- Dikshit, Anupam. Prediction and Validation of Gold nanoparticles against Plant growth promoting rhizobacteria (PGPRs): a step towards development of nano-biofertilizers: S. K. Shukla, R. Kumar, A. Pathak and A. Dikshit, on 20-22 Dec., 2014 at SSSIHL Puthaparthi, A.P. organized jointly by MRS Singapore and Clemson University U.S.A. 2014.
- Dikshit, Anupam. Copper Oxide Nanoparticles: a Antidermatophytic Agent for Trichophyton spp. R. Kumar, S. K. Shukla, A. Pandey, R. K. Mishra and A. Dikshit, on 20-22 Dec., 2014 at SSSIHL Puthaparthi, A.P. organized jointly by MRS Singapore and Clemson University U.S.A. 2014.
- Dikshit, Anupam. Efficacy of gold nanoparticles (GNPs) for the development of nanobiofertilizer using Paenibacillus elgii, S. K. Shukla, R. K. Mishra, A. Pathak and A. Dikshit, at Swami Vivekananda University, Sagar, M.P. on 14 Nov, 2014.
- Dikshit, Anupam. Biodiversity of economically important lichens collected from the regions of Western Himalayas in Uttarakhand: A. Pandey, R. K. Mishra, R. Kumar, S. K. Shukla, A. Pathak and A. Dikshit, organized 14th Nov. 2014 at Swami Vivekanand University, Sagar, M.P.
- Dikshit, Anupam. Cladonia spp. A potential source of herbal chemotherapeutant. National Seminar on Innovations in Science and Technology for Inclusive Development A Pandey, R. K. Mishra, S. K. Shukla, A. Pathak and A. Dikshit, organized by Allahabad Chapter of The Indian Science Congress Association and Department of Chemistry, University of Allahabad from March 30-31, 2014.
- Dixit, A. K. S. Dwivedi, Using the telescopically varying horizontal and vertical grids for modeling the Indian Ocean variability, Abstracts, pp. 74, National Conference of Ocean Society of India (OSICON-15), CSIR-National Institute of Oceanography, Goa, 22-24 March, 2015.
- Dubey, R. K. A. P. Singh, Reaction of titanium(IV)tetraisopropoxide with Salicylidene-2-aminopyridineand spectral [IR, NMR (1H, 13C) & Mass] studies, Indian Journal Chemistry, 53A, 1397-1401, 2014.

- Dubey, R. K. A. P. Singh, Synthetic routes for synthesis of salicylaldiminate derivatives of group '4' metals [titanium (IV) and zirconium (IV)] (Review), Research Journal of Chemistry and Environment, 18(8), 85-96, 2014.
- Dubey, R. K. A. P. Singh, S. A. Patil, Synthesis, spectroscopic characterization and DNA cleavage studies of dibutyltin (IV) complexes of bidentate (O, N) Schiff bases. Inorganica Chimica Acta, 410, 39-45, 2014.
- Dubey, R. K. N. Dwivedi, Synthesis, spectroscopic characterization and antibacterial activity of Ti (IV) and Zr (IV) complexes containing salicylidene-thiosemicarbazone, R. J. Chemistry & Environment, 18(3), 47-55, 2014.
- Dubey, R. K. N. Kumari, A. P. Singh, N. Dwivedi. Preparation and physico-chemical properties of new dimeric [$(\mu$ -Cl) 2M2 (sb) 2.xTHF] and monomeric [M (sb) 2.xTHF] (M= Co (II) Ni (II) complexes containing salicylidene-sulphadiazine ligand, Journal of Indian Chemical Society, 91, 1099-1106, 2014.
- Dwivedi, A. A. K. Mittal and S. Dwivedi, 'Secure Communication Using Four-Wing Hyper-Chaotic Attractor', Communications in Computer and Information Science 2014, 467, 281-290, Springer Berlin Hidelberg, 24-27 Sep, 2014.
- Dwivedi, A. A. K. Mittal and S. Dwivedi, Secure Communication using Arbitrary Chaotic System Conference of Nonlinear Systems and Dynamics 13-15 March, held at Indian Institute of Science Education and Research (IISER), Book of Abstracts 2.5 p 13, 2015.
- Dwivedi, A. A. K. Srivastava, A. Singh in Silico Molecular modeling and prediction of activity of substituted tetrahydropyrans as COX-2 inhibitor, Med. Chem. Res. 24, 714–724, 2015.
- Dwivedi, A. A. K. Srivastava, A. Singh, Molecular Modeling of Pyridine Derivatives for COX-2 inhibitors: Quantitative Structure Activity Relationship Study, Med. Chem. Res. 23, 1865-1877, 2014.
- Dwivedi, S. S. K. Jhosi, V. K. Hinge, B. D. Shrivastava, J. Prasad and K. Srivastava., X-ray absorption spectral studies of copper (II) mixed ligand complexes having ethylenediamine as one of the ligands, Journal of Physics: Conference Series, 534, 012006, 2014.
- Dwivedi, S. V. Chandra, Frequency of Very Heavy and Extremely Heavy Rainfall Events over Central India in the Context of Climate Change, Abstracts, pp. 81, National Seminar on Impacts of Climate Change: Success and Challenges in Ocean and Atmopsheric Research (SCOAR-2014), 9-11 Oct 2014, Dept. of Meteorology and Oceanography, Andhra University, Visakhapatnam.
- F. Naaz. A. Singh, R. Srivastava, N. Singh, R. K. Singh Computer aided designing and anti-HIV potential of Tri-substituted triazine analogues of Non-Nucleoside Reverse Transcriptase Inhibitors. International Conference on Multifunctional Materials, Structures and Applications.ICMMSA-2014, MNNIT, Allahabad, p. 84. 2014.
- F. Naaz. A. Singh, R. Srivastava, R. K. Singh Computational studies on tri-subsitutedtriazine analogs as NNRTIs against HIV-1. National Seminar on Science and Technology for Human Development, Department of Chemistry, University of Allahabad and ISCA (Allahabad chapter), March 14-15 p 28. 2015.
- F. Tufail. M. Singh, J. Singh, Boric Acid Catalyzed Green Synthesis of Aryl-7, 8-dihydro[1,2,4] triazolo[4,3-a]pyrimidine-6-carbonitriles in aqueous micellar system. Abstract published in proceedings of national seminar on Science and Technology for Human Development (14, 15 March, 2015), Department of Chemistry, University of Allahabad, Allahabad, India.

- Fatima, M. R. K. Kesharwani, K. Misra, And S. I. Rizvi, Protective Effect of Theaflavin on Erythrocytes Subjected to In Vitro Oxidative Stress. Biochemistry Research International http://dx.doi.org/10.1155/2013/649759, 2014.
- Fatma, F. N. Begum, and R. S. Pandey, Sulphur dioxide induced changes in the protein profile of Albino rat, Rattus norvegicus J. Kalash Sci. 3:1-7, 2015.
- Fatma, F. N. Begum, and R.S. Pandey Sulphur Dioxide Induced Alterations in Glycogen Metabolism in Rattus Norvegicus - Natl. Acad. Sci .Lett. DOI 10.1007/s40009-014-0323-7 (Impact Factor 0.067), 2015.
- Fatma, F. N. Begum, B. Sharma, and R.S. Pandey, Toxicological evaluation of Sulphur dioxide in albino rat, Rattus norvegicus J Biochem. Res. 2:18-26, 2014.
- Firdaus, Fatma. Nighat Begum, B. Sharma and Ravi S. Pandey, Toxicological Evaluation of Sulphur Dioxide in Albino Rat, Rattus Norvegicus. JOURNAL OF BIOCHEMISTRY RESEARCH 2 (2), 18-26. 2014.
- Gangwar, J. A. K. Srivastava, S. K. Tripathi, M. Wan, R. R. Yadav, Strong Enhancement in Thermal Conductivity of Ethylene Glycol-Based Nanofluids by Amorphous and Crystalline Al2O3 Nanoparticles, Applied Physics Letters (AIP Publishing) 105, 063108. 2014.
- Gaur, A. B. D. Srivastava, K. Srivastava, J. Prasad, XAFS Study of Aqua (Diethylenetriamine) (Isonicotinato)-Copper(II) Complex–Inference of Square-Pyramidal Geometry, X-Ray Spectrom., 43, 238–245, 2014.
- Ghosh, P. K. Article Micro Finance: Micro Insurance and Sustainable Rural Development of India in the book Rural Development in India: A New Perspective, Excel India Publisher, New Delhi, 2014.
- Gour, N. S. Only Connect Short Fiction about Technology and Us. Edited by Sharon Rundle and Meenakshi Bharat. Published by Brass Monkey, Australia.
- Gour, N. S. Only Connect Reprinted in India by Rupa Publications, New Delhi.
- Gour, N. S. The Creative Process: Seven Essays. Edited by Jasbir Jain. Published by Institute of Research in Interdisciplinary Studies.
- Gupta, A. D. K. Rai, R. K. Sharma, R.S. Pandey and B. Sharma Analysis of Organochlorine Pesticides in the Sediment and Fish from River Ganges at Allahabad. 2014.
- Gupta, Mohit. S.K. Verma, Meher Wan, R.R. Yadav, Elastic and Ultrasonic Properties of Single Crystalline Nickel Nanowire, Ultrasonics (Elsevier)54(8), 2115-2118, 2014.
- Gupta, R. & N. Srinivasan, Only irrelevant sad but not happy faces are inhibited under High Perceptual Load. Cognition & Emotion, 24, 747-754, 2015.
- Gupta, Vivek Kumar. Shweta Singh, Anju Agrawal, Nikhat Jamal Siddiqi, and B. Sharma Phytochemicals Mediated Remediation of Neurotoxicity Induced by Heavy, 2015.
- Hafeez, Neelofar. Shibli Nomani Ki Farsi Ghazal Goi, Arabic and Persian Research Journal, January, 2015.
- Hinge, V. K. S. K. Jhosi, N. Nitin Nair, Vikram Singh Verma, B. D. Shrivastava, J. Prasad and K. Srivastava. Extended X-ray absorption fine structure study at the K-edge of copper in mixed ligands complexes having benzimidazole as one of the ligands, Journal of Physics: Conference Series, 2014, 534, 012024.
- Husain, S. Vasishth, S., & N. Srinivasan, Strong Expectations Cancel Locality Effects: Evidence from Hindi. PLoS ONE, 9(7):e100986. 2014.

- Illath, Muneer. Return Migration and the new Challenges of Development: The Case of Muslim Migrants from Malabar, Kerala" Manpower Journal Vol. XLIVV, No. 2-4, April-December pp. 92-106, 2013; Released in July, 2014.
- Jafari, A. Q. Forward on Gubare-Rah, 2014.
- Jafari, A. Q. Article titled: Zarah Dekho Nigaristan-e- Rahmat mein Likha Kya Hai, in Nigaristan- e Rahmat, 2014.
- Jafari, A. Q. Article titled: Machli Shahar Tarikh ke Ayne Mein, in Machli Shara ki Adabi aur Ilmi Khidmat, 2015.
- Jafari, A. Q. Maulana Abul Kalam Azad and National Integration, in Maulana Abul Kalam Azad an epitome of Secularism and National integration, by Dr. Mansoor Alam, 2014.
- Jafari, A. Q. Analytical Studies of Allamah Shibli's Persian Poetry Published in Arabic and Persian Research Journal, Department of Arabic and Persian, A.U., January, 2015.
- Jaitly, Ajay Kumar. Participating in National Seminar on Emerging Trends in Fashion and Visual Arts Expanding your Horizon, Amity University Lucknow Campus. Presented Research, on March 26, 2015.
- Jain, S. & Kar, B. R. Effect of cognitive aging on working memory consolidation. Psychological Studies, 59 (4), 383-393, 2014.
- Jain, A. K. two Research Papers Supervised were presented (in absentia) at the International Conference on Commerce and Social Sciences held on 26-27 May 2014 at Bangkok, Thailand. These two were Published in International Journal of Business, Management & Social Science, VOL III, Issue 9(II) ISSN: 2249-7463.
- Jaiswal, Aashit Kumar. Satyendra Singh, Archana Singh, R.R. Yadav, Poonam Tandon, B.C. Yadav, Fabrication of Cu/Pd Bimetallic Nanostructures with high Gas Sorption Ability Towards Development of LPG sensor, Materials Chemistry and Physics (3)154, 2015.
- Jaiswal, N. and S.I. Rizvi. Onion extract (Allium cepa L.), Quercetin and Catechin up-Regulate Paraoxonase 1 activity with concomitant protection against low-density lipoprotein oxidation in male Wistar rats subjected to oxidative stress. Journal of the Science of Food and Agriculture DOI 10.1002/jsfa.6620, 2014.
- Jaiswal, Neeshma. S. K. Upadhyay, Anshu Malhotra, Charles K. Blend, Norman O. Dronen and Sandeep K. Malhotra. A new species of Neolebouria Gibson, 1976 (Opecoelidae: Plagioporinae) from the whitecheek monocle bream, Scolopsisvosmeri (Perciformes: Nemipteridae), from the Panjim Coast at Goa, with a Checklist of Parasites Previously Reported from this Fish. Zootaxa, 3802 (1):098-108. 2014.
- Jaiswal, Neeshma. Anshu Malhotra, Sandeep K. Malhotra Bioinvasion: A Paradigm Shift from Marine to Inland Ecosystems. Journal of Parasitic Diseases. 38:23pp. DOI: 10.1007/s12639-014-0506-7; ISSN 0971-7196. (Chapter on Workshop Practical Session on, Helminths and Protozoans of Zoonotic Significance from fish of Central West Coast of India at Goa and Riverine Ecosystems at Allahabad. Workshop Manual- National Workshop on Recent Advances in Nematode Taxonomy, 46-62p.), 2014.
- Jaiswal, S. I. R. Siddiqui, Montmorillonite K-10 Supported Solvent-Free Synthesis of Novel 2-thioxoimidazole-4-one N-nucleosides, Int. J. Pharm. Sci. Rev. Res., 26 (1) 50-54, 2014.
- Jaiswal, S. K. V. K. Gupta, N. J. Siddiqui, R. S. Pandey and B. Sharma, Hepatoprotective effect of Citrus limon fruit extract against carbofuran induced toxicity in wisar rats Chinese J. Biol. doi.org/10.1155/2015/686071. 2015.

- Johri, Renu. Pakhawaj vaadya par swatantra tatha sangati- ek avlokan, Volume-2 part-23, Page no 110-114, Pratibha -research journal of humanities, ISSN 0974-522X, (Co-author).
- Johri, Renu. Guru Shishya parampara tatha sansthagat shikshan pranali -ek tulnatmak addhyan, Page no- 14-18, 2014, Bhairvi, sangeet shodh patrika, ISSN- 0975-5217 Vol-9, (Co-author April-June, 2014.
- Johri, Renu. Gurudev Ravindra nath ki sangeet jagat ko den, Page no- 80-81, Research Link Indore An international journal, ISSN No-09731628 (Co-author), May-2014.
- Johri, Renu. Madhya Kal mein Prachalit Kuchh Tal Vadyon ka Adhunik Kal ke Vadyon se Swaroop Samya, Page No. -365-369, Sodh Amrit an Annual International Referred Journal of Humanities and Social Sciences, ISSN No-2231-6086, (Co-author), June 2014.
- Johri, Renu. Pakhawaj Vadya per Swatantra tatha Sangati-ek Avalokan, Page No. 110-114, Pratibha Research Journal of Humanities, A Peer reviewed Journal Year-6, Volume-2, Part-23(Co-author), April-June, 2014.
- Johri, Renu. Gharanas of Tabla and its Signature Patterns, Volume-3, Page no-31-35, Sangeet Galaxy, ISSN: 2319-9695, (Sole-author), July 2014.
- Kalavar, J. M. Buzinde, C.N., Manuel Navarrette, D. & Kohli, N. Gerotranscendence and Life Satisfaction: Examining Age Differences at the Maha Kumbha Mela. Journal of Religion, Spirituality and Aging, 27, 1, pp 2-15. 2014.
- Kathirvel, A. A. K. Rai, G. S. Maurya and V. Sujatha, Dryopteris Cochleata Rhijome: a nutritional source of esential elements phytochmicals, antooxidents and antimicrobials, International Journals of Pharmacy and Pharmaceutical, 6, 179-188 2014.
- Kaushik, D. D. Roadblock at Tehran in Shekhar Adhikari, Sanjeev Bhadauria eds., India's National Security in the 21st Century. New Delhi: Pentagon Press, 2014.
- Keshari, T. V.K. Yadav, V.P. Srivastava, L.D.S. Yadav, Visible Light Organophotoredox Catalysis A general approach to β-keto sulfoxidation of alkenes, Green Chem. 16, 3986-3992, 2014.
- Keshari, T. V.P. Srivastava, L.D.S. Yadav, Visible-light-initiated photo-oxidative cyclization of phenolic amidines using CBr4 A metal free approach to 2-aminobenzoxazoles, RSC Adv. 4, 5815-5818, 2014.
- Khan, S.S. N. Hopkins, Reicher, S., Tewari, S., Srinivasan, N., & Stevenson, C. 2014 Shared identity and self-assessed health in mass gatherings. Group Processes and Intergroup Relations. Epub, 2014.
- Khan, S. S. S. Tewari, N. Srinivasan, N. Hopkins, S. Reicher, & G. Ozakinci, Social identification with a large-scale community identity predicts efficacy and well-being: Data from rural north India. European Journal of Social Psychology, 44, 787-798. 2014.
- Kripal, Ram and A. K. Yadav, EPR and Optical Absorption Study of Fe3+ Doped Mono Hydrated Dipotassium Stannic Chloride, Appl. Magn. Reson. 46 323-335, 2015.
- Kripal, Ram. and A. K. Yadav, EPR, optical absorption and superposition model studies of Cr3+doped dipotassium stannic chloride monohydrate, Chem. Phys. Lett. 612 245-250, 2014.
- Kripal, Ram. and A. K. Yadav, Superposition model study of Cr3+ doped tetra methyl ammonium cadmium chloride, Spectrochim. Acta A 137 408-411, 2015.
- Kripal, Ram. and Awadhesh Kumar Yadav, Theoretical Investigation of zero field splitting Parameter of Cr3+ doped Diammonium Hexaaquamagnesium Sulphate, Physica B 456, 159-162, 2015.

- Kripal, Ram. and Manju Singh, Crystal Growth and Characterization of Mn2+ doped tripotassium citrate, Chem. Phys. Letts. 610-611 98-102, 2014.
- Kripal, Ram. and Manju Singh, EPR, Optical and Modeling of Mn2+ doped sarcosinium oxalate monohydrate, Spectrochim. Acta A 135 865-870, 2015.
- Kripal, Ram and Manju Singh, EPR and optical Study of Mn2+ doped monohydrated dipotassium stannic chloride, J. Alloys Compd. 613 317-323, 2014.
- Kripal, Ram. and Shri Devi Pandey, EPR and Optical Absorption Studies of Cu2+ Doped Lithium Maleate Dihydrate Single Crystal, Physica B, 444 14-20, 2014.
- Kripal, Ram. and Shri Devi Pandey, EPR and Optical Absorption Study of Cr3+ doped dipotassium tetrachloropalladate, Appl. Magn. Reson. 45 731-742, 2014.
- Kripal, Ram and Shri Devi Pandey, EPR, Optical Absorption and Superposition model studies of Fe3+ doped dipotassium tetrachloropalladate: a case of hyperfine structure, Chin. J. Phys. 52 1686-1701 2014.
- Kumar, Abhishek. Tale of Socialism under Indian Constitution.
- Kumar, S. and A. K. Pandey Free radicals: Health implications and their mitigation by herbals. British Journal of Medicine and Medical Research, 7(6): 438-457. DOI: 10.9734/BJMMR/2015/16284, 2015.
- Kumar, S. M.K. Ahmad, M. Waseem, and A. K. Pandey Drug targets for Cancer Treatment: an overview. Medicinal Chemistry, 5(3):115-123. doi: 10.4172/2161-0444.1000252, 2015.
- Kumar, S. R. Kumar, A. Dwivedi and A. K. Pandey In vitro antioxidant, antibacterial, and Cytotoxic Activity and in vivo Effect of Syngonium podophyllum and Eichhornia crassipes leaf extracts on isoniazid induced oxidative stress and hepatic markers. BioMed Research International, 2014: Article ID 459452, 11 pages. http://dx.doi.org/10.1155/2014/459452. 2014.
- Kumar, S. S. Pandey and A. K. Pandey In vitro antibacterial, antioxidant, cytotoxic activities of Parthenium hysterophorus and Characterization of Extracts by LC MS Analysis. BioMed Research International, 2014: Article ID 495154. http://dx.doi.org/10.1155/2014/495154. 2014.
- Kumar, U. B. Mohanty Atypical Antipsychotic Paliperidone Prevents Behavioral Deficit in Mice Prenatally Challenged with Bacterial Endotoxin Lipopolysaccharide. Eur J Pharmacology, 747: 181-189. Elsevier, I.F. 2.787, 2015.
- Kumar, A. B. Sharma, and R. S. Pandey λ -Cyhalothrin and cypermethrin induce stress in the freshwater muddy fish, Clarias batrachus Toxicological and Environmental Chemistry http://dx.doi.org/10/1080/02772248. 2014.913865. (Impact Factor 0.723), 2014.
- Kumar, Amit. B. Sharma & Ravi Pandey Lambda Cyhalothrin and Cypermethrin Induce Stress in the fresh water muddy fish, Clarias batrachus. Toxicological and Environmental Chemistry. ID: 913865 DOI:10.1080/02772248.2014.913865; IF: 0.723, 2014.
- Kumar, Anoop. and R. C. Yadava: "Analysing Censored Data on First Birthinterval For Heterogeneous Group of Females" J. of Combinatorics, Information & System Sciences" Vol. 39), No. 1-4, pages 149-165. 2014.
- Kumar, Anoop. R. C. Yadava: Usual Closed Birth Interval versus Most Recent Closed Birth Interval Journal of Data Science 13, 73-94. 2015,
- Kumar, Arun. Transfiguration of Multiple Careers: ICT as Mutant in co-authorship of Ms. Priyadarshani Singh published in International Journal of Academic Research, July, 2014.

- Kumar, Arun. Information Technology as Facilitator of Workforce in co-authorship of Ms. Priyadarshani Singh published in International Journal Business Management Dynamics, June, 2014.
- Kumar, Arun. Lean Learning and Development: The Transformation in Information Age in coauthorship of Ms. Priyadarshani Singh published in the proceedings of 11th International Business and Social Science Research Conference 8-9 Jan 2015, Dubai, UAE.
- Kumar, Arun. Public Administration and Small Business Entrepreneurship in co-authorship of Ms. Priyadarshani Singh published in the proceedings of Cambridge Conference Business and Economics, 2014.
- Kumar, Arun. Workforce Management in Information Age in co-authorship of Ms. Priyadarshani Singh published in Asian Journal of Management Sciences & Education, April 2014.
- Kumar, Asheel. Physica Scripta, Anomalous absorption of lower hybrid wave in a plasma with density fluctuations, 90, 065601, 2015.
- Kumar, A. S. Chatterjee, S. Dwivedi, Study the Impact of Sea-Ice in the Southern Ocean around Maitri and Bharti in Recent Years Using Simulation Model, Proceedings of National Conference on Geo-environmental Issues and Sustainable Urban Development (GEN-2014), MNNIT Allahabad, 11-12 October 2014, 284-290, 2014.
- Kumar, A. S. Chatterjee, S. Dwivedi, Understanding Southern Ocean Sea-Ice Variability around Indian Antarctic Stations, Abstracts, pp. 19, National Seminar on Impacts of Climate Change: Success and Challenges in Ocean and Atmopsheric Research (SCOAR-2014), 9-11 Oct 2014, Dept. of Meteorology and Oceanography, Andhra University, Visakhapatnam
- Kumar, D. and S. I. Rizvi, Health benefits of black tea. Progress in Health Sciences, 4(2), 135-143.
- Kumar, D. and S. I. Rizvi, A critical period in lifespan of male rats coincides with increased oxidative stress, Archives of Gerontology and Geriatrics 58(3):427-33. 2014.
- Kumar, D. and S. I. Rizvi, Age-Dependent Paraoxonase 1 (PON1) Activity and LDL Oxidation in Wistar Rats during Their Entire Lifespan. The Scientific World Journal http://dx.doi.org/10.1155/2014/538049, 2014.
- Kumar, D. and S. I. Rizvi, Markers of Oxidative Stress in Senescent Erythrocytes Obtained from young and old age rats Rejuvenation Research 17(5):446-52, 2014.
- Kumar, D. & N. Srinivasan, Naturalizing Sense of Agency with a Hierarchical event-control approach. PLoS ONE, 9(3):e92431. 2014.
- Kumar, Lokendra. and K. Dhirendra, K. Chaudhary Studies on photovoltaic properties of ZnPc/PTCDA based bilayer organic solar cells, Advanced Science Letters 20 1515-1518, 2014
- Kumar, Lokendra. and Dhirendra, K. Chaudhary, Studies on photovoltaic properties of ZnPc/PTCDA based bilayer organic solar cells Advanced Science Letters 20 1515-1518, 2014
- Kumar, Lokendra. and Monika Mall, Improving the performance of ZnO/P3HT inverted architecture hybrid solar cell by post annealing and ZnS incorporation Proceedings in of International Conference on LED & SPV 2014, IIT Kanpur, March 27-29, pp 88-91, 2014.
- Kumar, Rohit. D. Alamelu, R. Acharya and Awadhesh K. Rai, Determination of Concentrations of Chromium and other Elements in Soil and Plant samples from leather tanning area by

- Instrumental Neutron Activation Analysis, J Radional Nucl Chem, 300, 213-218, DOI 10.1007/s 10967-014-3005-4, 2014.
- Kumar, Rohit. Durgesh Trpathi, D. Alamelu, D. K. Chauhan and A. K. Rai, In Situ Monitoring of Chromium Uptake in Different Parts of the Wheat Seedling (Triticum aestivum) using LIBS, Spectroscopy Letter, 47, 554-563, DOI: 10.1080/00387010. 2013. 824901, 2014.
- Kumar, S. A. Dwivedi, R. Kumar, , and A. K. Pandey Preliminary Evaluation of Biological Activities and Phytochemical Analysis of Syngonium podophyllum leaf. National Academy Science Letters. 38(2): 143-146. 2015.
- Kumar, S. N. Siddiqui, R. S. Pandey and B. Sharma,— Carbofuran perturbs lactate dehydrogenase (LDH) activity in wistar rat and curcumin mediates amelioration, 2014.
- Kumari, G. R. K. Singh Green Synthesis, Antibacterial Activity and SAR of some novel naphthalimides and allylidenes. Med Chem Res, 2014, 24(1), 171-181.
- Kumar, Anup. Paper Published in a Journal (ISSN: 0975-2382) entitled Food Security in India; A Desire to achieve.
- Kumar, Prahlad. Presented a paper on the topic Make In India: India's Economic Savior along with B. B. Tiwari in Three days International Conference on Contemporary Global Economic Issues, Organized by Department of Economics, University of Allahabad.
- Kumar, Girjesh. Induced polyploidization in Brassica campestris L. (Brassicaceae): G Kumar and K Dwivedi, Cytology and Genetics (Ukraine) ISSN 0564-3783, 48(2), 43-51, 2014.
- Kumar, Girjesh. Morphotaxonomy and Phenology of three different Accessions of Sesbania Cannabina Poir: N Srivastava and G Kumar, International Research Journal of Biological Sciences ISSN 2278-3202, 3, 70-72, 2014.
- Kumar, Girjesh. Secondary Chromosomal Associations in kidney Bean (Phaseolus vulgaris L.): G Kumar and N Chaudhary, Jordan Journal of Biological Sciences. ISSN 1995-6, 7 (1), 2014.
- Kumar, Girjesh. Influence of drought stress on Cytological Behavior of green manure crop Sesabania cannabina Poir: N Srivastava and G Kumar, Cytologia ISSN 0011-45450, 79(3), 325-329, 2014.
- Kumar, Girjesh. Influence of water deficit on morphological characteristics of green manure crop (dhaincha) Sesabania cannabina Poir: N Srivastava and G Kumar, UJPBS ISSN 2347-3614, 22(03), 15-18, 2014.
- Kumar, Girjesh. Impact of Gamma Irradiation on Growth Response of Crotalaria juncea L: G Kumar and S Dwivedi, IJACS ISSN 2227-670X, 17(11), 870-875, 2014
- Kumar, Girjesh. Genetic damage induced via food colouring dye (sunset yellow) on meristematic cells Brassica campestris L: K Dwivedi and G Kumar, Journal of Environmental and Public Health Article ID 319727, 1-5, 2015.
- Kumar, Girjesh, Clastogenic and mito-inhibitory effect of heavy metals in root meristems of Vicia faba L: G Kumar and A Srivastava, Chromosome Botany ISSN 881-5936, 10, 1-2, 2014
- Kumar, Girjesh. Comparative genotoxicity of herbicide ingredients glyphosate and atrazine in the root meristem of buckwheat (Fagopyrum esculentum Moench): G Kumar and A Srivastava, Jordan Journal of Biological Sciences 8(3), 2015.
- Kumar, Girjesh. Ethyl methane sulphate induced desynaptic mutants in ajwain (Trachyspermum ammi (L.) Sprague): G Kumar and H Dwivedi, Jordan Journal of Biological Sciences 8(3), 2015.

- Kumar, Girjesh. Sodium Azide induced meiotic chromosome stickiness in Phaseolus vulgaris L. (Fabaceae): G Kumar and N Chaudhary, International Journal of Research in Plant Science, 2015
- Kumar, Girjesh. Impact of Ionizing Radiations in three varieties of Ajwain (Trachyspermum ammi (L.) Sprague): G Kumar and H Dwivedi, International Journal of Research in Plant Science 5 (4), 41-46, 2015.
- Kumar, Girjesh. Cytomorphological and Biochemical impact of Temperature Stress in Buckwheat (Fagopyrum Esculentum Moench): G Kumar and A Srivastava, International Journal of Environmental Science and Toxicology Research 8(3), 134-143, 2015.
- Lal, Roshan. Professional Development Training on Teaching, ADR Skills and Ethics for Better Legal Services Organised by the IBA-CLE Chair, NLSIU and the MILAT, Trivandrum at Law School, BHU, Varanasi, 22-24 August, 2014.
- Luqman, S. S.I. Rizvi, A.M. Beer, P. Khare and P. Atukeren, Efficacy of Herbal Drugs in Human Diseases and Disorders. Evidence-based complementary and alternative medicine: Editorial, 2014.
- M, Saquib. M. Singh, S. B. Singh, P. Ankit, J. Singh One-pot facile synthesis of [1,2,4]-Triazolyl-thiazolidinone using organocatalysis in water. Abstract published in proceedings of 21st ISCB international conference on "Current trends in drug discovery and developments (ISCBC-2015)" (25th -28th February, 2015), Central Drug Research Institute (CDRI), Lucknow, India.
- Malhotra, Anshu. Neeshma Jaiswal, Sushil K. Upadhyay and Sandeep K. Malhotra, Molecular characterization and Phylogeny of Senga gangesii (Gairola and Malhotra, 1986a) with Mitcoi and 18S rRNA and SEM illustrations to uphold validity of Indian bothriocelhalidean tapeworms from river Ganges at Allahabad. Proceedings of International Conference on Recent trend in Climate Change researches vis-à-vis Biodiversity. 32pp. 2015.
- Malhotra, Sandeep K. and Neeshma Jaiswal. Barcode Structure and SEM as tools to address issues of Synonymization of Invasive Parasites with Revised key to Family Cucullanidae and redescription of a Bothriocephalid. Faunal Diversity in India, 135-164. ISBN No. 978-93-84337-22-3. (Eds. R.C. Sobti, Kamal Jaiswal and Suman Mishra). (Proceedings of an International Conference on Faunal Biodiversity held at Baba BhimraoAmbedkar Central University, Lucknow). Narendra Publ. House, Delhi, 2014.
- Mani, D. C. Kumar Biotechnological advances in Bioremediation of Heavy Metals Contaminated Ecosystems: an Overview with special reference to phytoremediation. Int. J. Environ. Sci. Technol. 2014, 11(3), 843-872, DOI 10.1007/s13762-013-0299-8.
- Mani, D. C. Kumar, N. K. Patel Integrated Micro-Biochemical Approach for Phytoremediation of cadmium and zinc contaminated soils. Ecotoxicology and Environmental Safety, 2015, 111:86–95.
- Mani, D. C. Kumar, N. K. Patel, Durairaj Sivakumar, Enhanced clean-up of lead—contaminated alluvial soil through Chrysanthemum indicum L. Int. J. Environ. Sci. Technol. Int. J. Environ. Sci. Technol., 12, 1211-1222, 2015.
- Mani, D. C. Kumar, N. K. Patel, Hyperaccumulator oilcake manure as an alternative for chelate-induced phytoremediation of heavy metals contaminated alluvial soils. International Journal of Phytoremediation, 17, 256–263, 2015.

- Mani, D. N. K. Patel Humic acid, EDDS and EDTA induced Phytoremediation of Cadmium Contaminated Alluvial Soil by Calendula Officinalis L. J. Indian Chem. Soc., 91 (11), 2073-2082. 2014.
- Mani, D. N. K. Patel, N. Pal, Effect of Calcium on the uptake of Cadmium by Coriander (Coriandrum sativum L.). J. Indian Chem. Soc., 91, 1705-1710. 2014.
- Mani, D. N. K. Patel, S. Balak, V. K. Mourya, N. Pal Chelate induced phytoremediation of cadmium contaminated soil by Makoy. In a Book- Innovative and Modern Technologies for Sustainable Agriculture & Rural Development Published by Society of Biological Sciences & Rural Development, Allahabad, U. P., India, 157-174, 2014.
- Mani, D. N. K. Patel, V. K. Mourya, N. Pal, S. Kumar, I. Tiwari, Effect of single super phosphate on the uptake of cadmium by Turnip. Journal of Natural Resource and Development 9 (1) 5-13, 2014
- Mani, D. S. Balak, N. K. Patel, V. K. Mourya, N. Pal Effect of Compost and Single Super Phosphate on the uptake of cadmium by Radish (Raphanus sativus L.). J. Indian Chem. Soc. 91,721-727, 2014.
- Mani, D. V. K. Mourya, N. Pathak, S. Balak, Phytoaccumulation of heavy metals in contaminated soil using Makoy (Solenum nigrum L.) and Spinach (Spinacia oleracea L.) plant. Int. J. of Life Sciences, 2(4), 350-354, 2014.
- Mani, D. V. K. Mourya, S. Balak, N. K. Patel, N. Pal Effect of Organic Matter on the uptake of Cadmium by Spinach (Spinacea oleracea L.). Asian J. of Adv. Basic Sci. 3(1), 144-150, 2014.
- Maurya, Ajay K. M.K. Mishra and Hari Prakash, Two-Way Quantum Communication: Secure Exchange of Quantum Information Encoded in Arbitrary Number of Qubits, International Journal of Computing and Technology 1,183-190, 2014.
- Maurya, Ajay K. M.K. Mishra and Hari Prakash, Two-Way Quantum Communication: Secure Exchange of Quantum Information Encoded in Arbitrary Number of Qudits, International Journal of Computing and Technology, 236-241, 2014.
- Maurya, Gulab S. Anup Kumar, B. K. Ghosh and Awadhesh K. Rai, Synthesis and Electrical Properties of Y2O3: Dy3+ and Eu3+ nanoparticles, Aradhana Jyotsana, Applied Physics A, DOI: 10.1007/s00339-014-8516-Y, 2014.
- Maurya, Gulab S. Aradhana Jyotsana, Rohit Kumar, Ajai Kumar and Awadhesh K. Rai, Analysis of deposited impurity material on the surface of optical window of the Tokamak using LIBS, Physica Scripta doi number 89, 1-12,10.1088/0031-8949/7/075601, 2014.
- Maurya, Gulab Singh. Aradhana Jyotsana, Ajai kumar and Awadhesh Kumar Rai, In-situ analysis of impurities deposited on the Tokamak flange using Laser Induced Breakdown Spectroscopy, Journal of Nuclear Materials 444, 23-29 DOI information: 10.1016/j.jnucmat.2013.09.027, 2014.
- Maurya, Gulab Singh. Aradhana Jyotsana, Ashok Kumar Pathak, Ajai kumar and Awadhesh Kumar Rai, Spatial analysis of impurities on the surface of flange and optical window of the Tokamak using Laser Induced Breakdown Spectroscopy, Optics and Lasers in Engineering, 56, 13-18, 2014.
- Mirza, H. A. R. Mahmood, Contribution of Prof. Mohammad Naim ur Rahman to promote and develop teaching methods of Arabic Language in India, Sautul Ummah, October, 2014.
- Mirza, H. A. R. Mahmood, Quranic Understanding in the poetry of Abdul Hamid Farahi, Al Baas —el- Islami, December, 2014.

- Mirza, H. A. R. Mahmood, Allama Shibli Nomani and His Initiative to Improve Islamic Education in India, Al Baas —el- Islami, January, 2015.
- Mirza, H. A. R. Mahmood, Sheikh Shibli Nomani and Women Issues Arabic and Persian Research Journal, January, 2015.
- Mishra, A. K. B. Mohanty Effect of Hexavalent Chromium Exposure on Pituitary-Thyroid Axis of a Fresh Water Fish, Channapunctatus (Bloch). *Environmental Toxicology, Vol 30 (6): 621-627. Wiley-Science, DOI:* 10.1002/tox.21939, I.F. 3.197, 2015.
- Mishra, A.K. B. Mohanty Acute Spill-Mimicking Exposure Effects of Hexavalent Chromium on the pituitary-ovarian axis of a teleost, Channapunctatus (Bloch). *Environmental Toxicology,* 29 (7): 733-739. DOI: 10, 1002/tox.21799., Wiley-Science, I.F. 3.197, 2014.
- Mishra, Anshuman. Conference Proceeding titled Judicial Activism and Principles of Constitutional Law- Social Impact of Law making and Interpretation conducted by Arundhati Vashishth Anusandhan Peeth, Allahabad in 2014.
- Mishra, A. S. Dwivedi, A. Srivastava, S. Rai: उत्तरी हिंद महासागर क्षेत्र में पर्यावरण भविष्यवाणी राष्ट्रीय केंद्र के पुनर्विश्लेषण और मिश्रित हवा के साथ एक उच्च संकल्प महासागर मॉडल का प्रदर्शन, Indradhanush, 10, 7-11. 2014.
- Mishra, Shailendra Kumar. A. Aysha Abu Hena M.K. Mishra, M. Nesarul, M. H. Padhi, B.K. Mishra, S. K. Islam, M.S. Idris, M.H. Masum, M.B. Sediment and Carbon Accumulation in Subtropical Salt Marsh and Mangrove Habitats of North-eastern Coast of Bay of Bengal, Indian Ocean. International Journal of Fisheries and Aquatic Studies, 2 (4): 184-189. [IJFAS, India; Impact factor: 0.352] 2015.
- Mishra, R. K. & S. Singh, Activation of Shape and Semantic Information during Ambiguous Homophone Processing: Eye tracking evidence from Hindi. Cognitive Processing, 15, 451-465. 2014.
- Mishra, Shailendra Kumar. Presented a paper on Adolescents and their health status: Evidence from Sikkim Himalayas at the "44th Annual Conference of the Indian Anthropological Society, Kolkata" held at the Pt. Ravishankar Shukla University, Raipur, Chhattisgarh in, 2014.
- Mishra, A. K. A. Srivastava, S. Dwivedi, Seasonal Variability of the Mixed Layer Depth in the Northern Indian Ocean Using High-Resolution Genernal Circulation Model, Abstracts, pp. 16, National Seminar on Impacts of Climate Change: Success and Challenges in Ocean and Atmopsheric Research (SCOAR-2014), 9-11 Oct 2014, Dept. of Meteorology and Oceanography, Andhra University, Visakhapatnam.
- Misra, Karuna Shankar. A study of students attitude toward peace. Emerging Trends in Education, 5(1), 11-14.
- Misra, Karuna Shankar. Stress management strategies for teachers. In K. Pandey (Ed.) Capacity Building among Teachers. Varanasi: MG Kashi Vidyapeeth, 54-61.
- Misra, Karuna Shankar. A study of teacher's Scientific Temper and Job Satisfaction in Relation to Principal's Leadership Behaviour, Abhinav, 12-21.
- Mittal, A. K. A. Dwivedi and S. Dwivedi, "Parameter Adaptation Technique for Rapid Synchronization and Secure Communication", Eur. Phys. J. Special Topics 2014, DOI: 10.1140/epjst/e2014-02117-y, Springer. 19 Mar 2014.

- Mittal, A. K. U. P. Singh, A. Tiwari, S. Dwivedi, M. K. Joshi and K. C. Tripathi. 'Short-term Predictions by Statistical Methods in Regions of Varying Dynamical error growth in a chaotic system', Meteorol Atmos Phy 2015 DOI 10.1007/s00703-015-0375-3, Springer-Verlag Wien 2015.
- Mohammad, A. D. Kumar, and S.I. Rizvi, Antidiabetic potential of some less commonly used plants in traditional medicinal systems of India and Nigeria. Journal of Intercultural Ethnopharmacology, DOI: 10.5455/jice.20141030015241, 2014.
- Mukherjee, S. N. Srinivasan, & J. A. Manjaly, Global processing fosters donations toward charity appeals framed in an approach orientation. Cognitive Processing, 15, 391-396. 2014.
- Mukerji, Sarvajit. 'Nativity Among the Natives: Sea of Poppies' in Indian English Fiction in the New Millennium, R.P. Pradhan (ed) Atlantic. New Delhi, 2014.
- Mukerji, Sarvajit. The 'Post'-ing of Feminism and Moving On. Indian Ethos (A peer reviewed, interdisciplinary international journal) Vol.4, No.1, Summer, 2014.
- Mukerji, Sarvajit. 'Introduction' in Moffusil Notebook by Smita Agarwal. Brown Critique, Calcutta, 2014.
- Nanda, S. Banerjee, S., Malhotra, S.K. & R S Pandey. Electrophoretic Enzyme Patterns of Glucose-6-phosphate dehydrogenase and chemotaxonomic characterization of helminths Ind. J. Parasitol. 16, 9-11. 1992.
- Niyogi, A. J.K.Pati, D. Panda, M. Chakarvorty, and M. Usmani, Micro-chemical analysis of anthropogenic spherules and its role in spherule type discrimination. Journal of Indian Chemical Society, v.91, 569-573. Impact Factor: 0.21 2014.
- O, Norman. Dronen. Charles K. Blend, Margarita C. Ostrowski de Núñez, Sandeep K. Malhotra & Neeshma Jaiswal. Keys to the species of Neolebouria Gibson, 1976 (Digenea: Opecoelidae: Plagioporinae), with a redescription of Neolebouriatruncata Linton, 1940. Systematic Parasitology, 88, 213-225; DOI 10.1007/s11230-014-9498-z. 2014.
- Ojha, A.P. Research presentations: list organization, date, title of presentations
- Attended national symposium on Indian Culture and globalization held in joint collaboration with Philosophy, Ancient History and Medieval History departments at Ewing Christian College, Allahabad on February 9th, 2015.
- Ojha, A. P. Attended and Chaired a session in National Conference on Relavance of Buddhism in Global context held at Hiralal Ramnivas PG College, Khalilabad, Sant Kabir Nagar on 13-14 February 2015.
- Ojha, A. P. Attended and Chaired a session in National Seminar on Environmental Consciousness in Indian Culture held at Department of Ancient History, Archaeology and Culture, DDU Gorakhpur University on 21-22 February, 2015.
- Olivers, C. L.N. Huettig, F., J P Singh. & R. K. Mishra The influence of literacy on visual search. Visual Cognition, 21, 74-101, 2014.
- Pandey, Anupam. Flood Extent Mapping, Remote Sensing and GIS Approach Published by LAP Lambert Academic Publishing GmbH & Co. KG Heinrich-Backing-Strafe 6-8, 66121 Saarbrucken, Germany ISBN No. 978-3-659-13832-4.
- Pandey, Anupam. Flood Damage Assessment, Remote Sensing and GIS Approach Published by LAP Lambert Academic Publishing GmbH & Co. K G Heinrich-Backing-Strafe 6-8, 66121 Saarbrucken, Germany ISBN No. 978-3-659-15021-0.

- Pandey K. B. and S.I. Rizvi, Role of red grape polyphenols as antidiabetic agents. Integrative Medicine Research, 3(3), 119-125, 2014.
- Pandey K.B. S.I. Rizvi Role of Resveratrol in Regulation of Membrane Transporters and Integrity of human erythrocytes. Biochem Biophys Res Commun. doi: 10.1016/j.bbrc.2014.09.117, 453, 521-26, 2015.
- Pandey, C.D. Attended National Symposium on Indian Culture and globalization held in joint collaboration with Philosophy, Ancient History and Medieval History departments at Ewing Christian College, Allahabad on February 9th, 2015.
- Pandey, C.D. Attended and Chaired a session in National Seminar on Environmental Consciousness in Indian Culture held at Department of Ancient History, Archaeology and Culture, DDU Gorakhpur University on 21-22 February 2015 and presented a paper tiltled Kalidas ka Paryavaran chintan: Abhigyan Shakuntalam aur Raghuvansh ke vishesh sandarbh me.
- Pandey, C.D. Attended and presented a paper in a national conference organised at Saudamini Sanskrit Mahavidyalaya, October 2014.
- Pandey, C.D. Attended and chaired a session in a National Seminar on Buddhist Studies in Madhya Pradesh on October 18-19, 2014 and presented a paper intitled "Parashari baudh Bhikshu Divakarmishra kea ashram ka vishistya-ek vishleshanatmak adhyayan".
- Pandey, C.D. Delivered a talk on Puranic Evidances in a workshop orgenised by Rastriya Sanskrit Sansthan, G.N. Jha Campus, Allahabad on August 1, 2015.
- Pandey, D.K. Devraj Singh, Vyoma Bhalla, Sudhanshu Tripathi and R.R. Yadav, Temperature Dependent Elastic and Ultrasonic Properties of Ytterbium Monopnictides, Indian J. Pure & Applied Physics. Vol. 52, 330-336, 2014.
- Pandey, D. K. S. Rai, A. K. Sahai, S Abhilash and N. K. Shahi, जलवायु पूर्वानुमान प्रणाली 2 संस्करण दक्षिण एशियाई मानसून से दैनिक पूर्वानुमान में भविष्यवाणी और त्रुटि विकास, Indradhanush, 10, 29-34. 2014.
- Pandey, J.K. G. Dubey, R. Gopal, Study the effect of Insecticide Dimethoate on Photosynthetic Pigments and Photosynthetic Activity of Pigeon Pea: LICF spectroscopy, Jr. Photochemistry and Photobiology B: Biology (in Press), 2014.
- Pandey, K. B. and S. I. Rizvi Resveratrol in Vitro Ameliorates Tert-Butyl Hydroperoxide Induced Alterations in Erythrocyte Membranes from Young and Old Humans. Applied Physiology, Nutrition, and Metabolism 39, 1093-97, 2014.
- Pandey, R. S. & M.S. Kanungo, Changes in the Chromatin of the Skeletal Muscle of the rat during development Biochem. International. 5, 31-40. 1982
- Pandey, R. S. & M.S. Kanungo Analysis of chromatin of skeletal muscle of developing rats using micrococcal nuclease and DNase I Mol. Biol. Rep. 9, 245-251. (Impact Factor 2.506), 1984.
- Pandey, R. S. & M.S. Kanungo Developmental Changes in Chromatin of the Skeletal Muscle of Rats: Acetylation of chromosomal proteins and transcription Mol. Biol. Rep. 10, 79-81. (Impact Factor 2.506)1984.
- Pandey, R.S. & Kanungo, M.S. Kanungo, Conformation of Chromatin of the Skeletal Muscle of Developing Rats and its Modulation by Sodium Butyrate Ind. J. Biochem. Biophys. 24, 153-156. (Impact Factor 1.026)1987.

- Pandey, R.S. Changes in the Level of Polyamines in the Skeletal Muscle of Developing Rats Bioved. 2, 59-6 2, 1991.
- Pandey, R.S. Effect of Spermine on DNA Synthesis in Skeletal Muscle of Developing Rats Bioved 4, 135-138..1993
- Pandey, S.P. B. Mohanty Theneonicotenoid Pesticide Imidacloprid and the Dithiocarbamate Fungicide Mancozeb Disrupt the Pituitary-Thyroid Axis of a wild bird. Chemosphere, 122: 227-234. DOI: 10,1016/J.Chemosphere.2014.11.061. Elsevier, I.F. 3.44. 2015.
- Pandhija, Shiwani. Nilesh Kumar Rai, Ashok Kumar Pathak and A.K.Rai, Calibration curve with improved limit of detection for Cadmium in soil: An approach to minimize the matrix effect in LIBS analysis, Spectroscopy Letter, 47, 1-11 DOI: 10.1080/00387010.2013.828758, 2014.
- Pandey, Suniti. Direction of Research and Performances: During 2014-15, Ms. Shraddha Tripathi has completed her D.Phil in 2014 on the Topic Kala Tatha Sahitya Ke Alok Mein Sungakalin Samaj Ka Anusheelan. Other students engaged in doctoral research in my supervision are:
- Pandey, Suniti. An article titled ARCHITECTURAL FEATURES OF NAGARJUNKONDA AND BHARHUTA STUPA has been published in a book "Ancient Indian Religious Architecture Beyond the Sectarian Boundaries" in Jan 2015, pp.95-100.
- Pandey, Suniti. Another research paper titled SAIVISM AS REFLECTED FROM THE INSCRIPTIONS of Kalachuri of Tripuri in the Proceeding of National Seminar on HISTORICAL TRADITION AND CULTURE IN INDIAN INSCRIPTIONS edited by Vipula Dubey & Rajvant Rao in 2015, pp. 236-247.
- Pandey, Suniti. A research Paper titled The Concept of Gajalakshmi in Ancient India with Special Reference to Gajalakshmi of Kaushambi to be published in "History Today" a journal of History and Historical Archaeology 2014.
- Pandey, Suniti. Research presentations: list organization, date, title of presentation(s).
- Pandey, Suniti. Presented a paper Influence of Greek Art on the Sculptural Art of Ancient India at Allahabad Museum, Allahabad.
- Pandey, Suniti, Attended a National Seminar on "AESTHETICS IN INDIAN ART' held on 19-20 September 2014 at Allahabad Museum, Allahabad.
- Pandey, Vivek. Kumar and Prajvala Kurtakoti, Evaluation of GODAS using RAMA mooring observation from Indian Ocean, Marine Geodesy, 37:1, 14-31, DOI: 10.1080 /01490419 .2013 .859642 (ISSN 0149-0419; IF=1.407). 2014.
- Parashar, Rashmi. Meher Wan, R. R. Yadav, Avinash C. Pandey, Vyom Parashar, Surfactant free synthesis of metal oxide (Co and Ni) nanoparticles and applications to heat propagation in nanofluids, Materials Letters (Elsevier) 132, 440-443 2014.
- Patel, Rahul. Food Consumption Pattern and associated Habits among the Jaunsarese of Uttarakhand. Research Paper published in Voice of Intellectual Man. (An International Journal), Vol.4, No.2: 113-126 (Jul-Dec.2014), ISSN: 2231-6914. (On line @www.indianjournals.com)
- Patel, Shiv P. J. C. Pivin, and D. Kanjilal, Lokendra Kumar Ferromagnetism in Ni doped ZnS thin films: Effects of Ni concentration and swift heavy ion irradiation Vacuum 111 150. 2015.
- Patel, Shiv P. J. C. Pivin, and D. Kanjilal, Lokendra Kumar, Ferromagnetism in Ni doped ZnS thin films: Effects of Ni concentration and swift heavy ion irradiation" Vacuum 111 150. 2015.
- Pati, J. K. M. K. Panigrahi, and M. Chakarvorty, Granite-Hosted Molybdenite Mineralization from Archean Bundelkhand craton-molybdenite characterization, host rock mineralogy,

- petrology, and fluid inclusion characteristics of Mo-bearing quartz, J. Earth Syst. Sci., v. 123, 943-958. (Impact Factor: 1.07), 2014.
- Pati, J. K. W.U. Reimold, A. Greshake, R.T. Schmitt Koeberl, C. Pati, P. and K. Prakash, Pseudotachylitic breccia from the Dhala Impact Structure, North-Central India: texture, mineralogy and geochemical characterization, Tectonophysics, v. 649, 18-32. (Impact Factor: 3.13), 2015.
- Paudel, D. J.K. Thakur, Sudhir Kumar Singh, Srivastava P.K. Srivastava Soil characterization based on land cover heterogeneity over a tropical landscape: An integrated approach using Earth Observation datasets Geocarto International. Doi.org/10.1080/10106049.2014.905639. 2014.
- Pati, J.K. M.K. Panigrahi, and M. Chakarvorty, Granite-hosted molybdenite mineralization from Archean Bundelkhand craton-molybdenite characterization, host rock mineralogy, petrology, and fluid inclusion characteristics of Mo-bearing quartz, J. Earth Syst. Sci., v. 123, 943-958. (Impact Factor: 1.07), 2014.
- Pati, J. K. W. U. Reimold, A. Greshake, R.T. Schmitt, C. Koeberl, P. Pati.and K. Prakash Pseudotachylitic breccia from the Dhala impact structure, north-central India: texture, mineralogy and geochemical characterization, Tectonophysics, v. 649, 18-32. (Impact Factor: 3.13), 2015.
- Patnaik, S K. P.C. Supakar, & R.S.Pandey—Comparative studies on phosphophosphorylases of the liver of some vertebrates Comp. Physiol. Ecol. 5, 115-117. Impact Factor 1.026, 1980.
- Siddharth Singh & Tanveer J. Siddiqui, Transform Domain Techniques for Image Steganography, In (Eds.) Information Security in Diverse Computing Environments, IGI Global, June 2014, p. 245-259, ISBN: 978-1-4666-6158-5.
- S. K. Patnaik, P. C. Supakar, R. S. Pandey, , A. Samantsinghar, A. Amar & M. Singh, Comparative studies on phosphorylases of the muscle of some vertebrates Ind. J. Biochem. Biophys. 16, 182-185. Impact Factor 1.026, 1979.
- Prakash, V. K. Srivastava, J. Prasad, Electrochemical and spectral investigation of various pyridinedicarboxylic acids and their complexes with oxovanadium(IV) in dimethyl sulfoxide Journal of Molecular Liquids, 198, 164–168., 2014.
- Prakash, V. K. Srivastava, J. Prasad, Electrochemical and spectral behaviour of binary and mixed-ligand complexes of oxavanadium(IV) with dipicolinic acid and diimines in dimethylsulfoxide, Journal of Molecular Liquids, 204,1-9., 2015.
- Prakash, Ranjana and Ajay K. Yadav, Enhancement of antibunching using classical processes like phase shifting and random phase-modulation, Oral presentation in the National Seminar on Recent Advances in Physical Sciences (NSRAPS-2015) held at Department of Physics, Udai Pratap College, Varanasi, India on February 28, 2015.
- Prakash, Ranjana and Ajay K. Yadav, Entanglement dynamics in resonant interaction of a two-level atom in a general state with general cat state, proceeding of the 23rd National Laser Symposium (NLS-23) held at Sri Venkateswara University, Tirupati, India. ISBN: 9788190332156 on December 03-06, 2014.
- Prakash, Ranjana. and Ajay K. Yadav, Polarization Squeezing in General Cat States, Proceeding of the 12th International Conference on Fibre Optics and Photonics (PHOTONICS-2014) held at Indian Institute of Technology Kharagpur, Kharagpur, India and available online: 10.1364/PHOTONICS.2014.M4A.85 December 13-16, 2014.

- Prasad, S. M. Exogenous proline application ameliorates toxic effects of arsenate in Solanum melongena L. seedlings: M. Singh, V. P. Singh, G. Dubey and S. M. Prasad, Ecotoxicology and Environmental Safety 117, 164–173, 2015 (Impact factor 2.762; Elsevier).
- Prasad, S. M. Hydrogen sulfide alleviates toxic effects of arsenate in pea seedlings through upregulation of the ascorbate-glutathione cycle: Possible involvement of nitric oxide: V. P. Singh, S. Singh, J. Kumar and S. M. Prasad, Journal of Plant Physiology 181, 20-29, 2015 (Impact factor 2.557; Elsevier).
- Prasad, S. M. UV-B induces biomass production and nonenzymatic antioxidant compounds in three cyanobacteria: J. Kumar, P. Parihar, R. Singh, V. P. Singh and S. M. Prasad, Journal of Applied Phycology DOI 10.1007/s10811-015-0525-5, 2015 (Impact factor 2.559; Springer).
- Prasad, S. M. Investigating the role of ascorbate—glutathione cycle and thiol metabolism in arsenate tolerance in ridged Luffa seedlings: V. P. Singh, S. Singh, J. Kumar and S. M. Prasad, Protoplasma DOI 10.1007/s00709-014-0753-6 2015 (Impact factor 2.651; Springer).
- Prasad, S. M. Differential display of antioxidants in mitigating adverse effects of UV-B radiation in Nostoc muscorum and Phormidium foveolarum photoacclimated to different irradiances: G. Dubey and S. M. Prasad, Applied Biochemistry and Biotechnology 175, 2703-2728, 2015 (Impact factor 1.735; Springer).
- Prasad, S. M. Changes in physiological attributes and biochemical marker responses in vegetable crops grown under cadmium stress: a comparative study: G. Bashri, S. Singh, A. Singh and S. M. Prasad, Plant Archive 15, 163-170, 2015 (ISSN: 0972-5210).
- Prasad, S. M. Differential physiological and biochemical responses of two Vigna species under enhanced UV-B radiation: R. Dwivedi, V. P. Singh, S. Singh, J. Kumar and S. M. Prasad, Journal of Radiation Research and Applied Sciences 8, 173-181, 2015.
- Prasad, S. M. Evaluation of anticandidal activities of Spirulina metabolite against Candida albicance: P. Mishra and S. M. Prasad, International Journal of Pharmaceutical Science Research 6, 1241-1247, 2015.
- Prasad, S. M. A alleviates Cd toxicity on growth, Photosynthesis and Oxidative Damages in Eggplant Seedlings: S. Singh and S. M. Prasad, Plant Growth Regulation DOI 10.1007/s10725-015-0039-9 2015 (Impact factor 1.672; Springer).
- Prasad, S. M. Arsenic contamination, consequences and remediation techniques: A review: R. Singh, S. Singh, P. Parihar, V. P. Singh and S. M. Prasad, Ecotoxicology and Environmental Safety 112, 247-270, 2015 (Impact factor 2.762; Elsevier).
- Prasad, S. M. Remediation of heavy metal contaminated ecosystems: an overview on technology advancement: A. Singh and S. M. Prasad, International Journal of Environmental Science and Technology 12, 353-366, 2015 (Impact factor 2.190; Springer).
- Prasad, S. M. Indole acetic acid modulates changes in growth, chlorophyll a fluorescence and antioxidant potential of Trigonella foenum-graecum L. grown under cadmium stress: G. Bashri and S. M. Prasad, Acta Physiolgiae Plantarum 37, 1-14, 2015 (Impact factor 1.584; Springer).
- Prasad, S. M. Effect of arsenic on growth, arsenic uptake, distribution of nutrient elements and thiols in seedlings of Wrightia arborea (Dennst.) Mabb.: D. Kumar, V. P. Singh, D. K. Tripathi, S. M. Prasad and D. K. Chauhan, International Journal of Phytoremediation 17, 128–134, 2015 (Impact factor 1.47; Taylor and Francis).

- Prasad, S. M. Dimethoate modifies enhanced UV-B effects on growth, photosynthesis and oxidative stress in mung bean (Vigna radiata L.) seedlings: Implication of salicylic acid: V. P. Singh, J. Kumar, S. Singh and S. M. Prasad, Pesticide Biochemistry and Physiology 116, 13–23, 2014 (Impact factor 2.014; Elsevier).
- Prasad, S. M. Effect of salinity stress on plants and its tolerance strategies: a review: P. Parihar, S. Singh, R. Singh, V. P. Singh and S. M. Prasad, Environmental Science and Pollution Research 22, 4056–4075, 2014 (Impact factor 2.828; Springer).
- Prasad, S. M. Antioxidant system against active oxygen species in cyanobacterium Aphanothece stagnina: Response to excess light under cadmium stress: M P V. V. B. Singh, S. M. Prasad, V. P. Singh and M. Singh, Proceeding of the National Academy of Sciences, India Section B: Biological Sciences 85, 535-543, 2014 (Impact factor 0.40; Springer).
- Prasad, S. M. Growth, photosynthesis and oxidative responses of Solanum melongena L. seedlings to cadmium stress: Mechanism of toxicity amelioration by kinetin: S. Singh and S. M. Prasad, Scientia Horticulturae 176, 1–10, 2014 (Impact factor 1.50; Elsevier).
- Prasad, S. M. Low and high doses of UV-B differentially modulate chlorpyrifos-induced alterations in nitrogen metabolism of cyanobacteria: P. K. Srivastava, V. P. Singh and S. M. Prasad, Ecotoxicology and Environmental Safety 107, 291–299, 2014 (Impact factor 2.762; Elsevier).
- Prasad, S. M. Physiological, biochemical and growth responses of Azolla pinnata to chlorpyrifos and cypermethrin pesticides exposure: a comparative study: S. M. Prasad, A. Singh and P. Singh, Chemistry and Ecology 31, 285-298, 2014 (Impact factor 1.18; Taylor & Francis).
- Raffone, A. N. Srinivasan, & Van Leeuwen, C. The interplay of attention and consciousness in visual search, attentional blink and working memory consolidation. Philosophical Transactions of the Royal Society of London B: Biological Sciences, 369(1641):20130215, 2014
- Raffone, A. N. Srinivasan, & van Leeuwen, C. Perceptual awareness and its neural basis: bridging experimental and theoretical paradigms. Philosophical Transactions of the Royal Society of London B: Biological Sciences, 369(1641):20130203. 2014.
- Raffone, A. N. Srinivasan & van Leeuwen, C. Rapid switching and complementary evidence accumulation enable flexibility of an all-or-none global workspace for control of attentional and conscious processing: A reply to Wyble et al. Philosophical Transactions of the Royal Society of London B: Biological Sciences, 370(1661):20140315. 2015.
- Raghuvansh, Sujata. Sapna Tiwari on loktantrik moolyo ke vikas hetu module ke nirmaan evam uski prabhoutpadakta ka adhyayan.
- Rai, V. K. Member, Research Advisory Committee, Member Board of Studies, Member Board of Baccalaureate, Member Library Committee, Member PG Admission Committee etc.
- Rasheed, Saleha. Presented a Paper on Razia Sultan and Her Achievements, in an International Seminar, organized by Department of Persian, University of Delhi, held on 4th 6th February, 2015.
- Rasheed, Saleha. Presented a Paper on Role of Women Mystics as Depicted in Safinat-ul Awliya, in an International Seminar, organized by Department of Persian, University of Khawja Moinuddin Chisti, Lucknow, held on 29th November, 2014.

- Rasheed, Saleha. Presented a Paper on "Simin Bahbahani, a Persian Poetess of Repute", in an International Seminar, organized by All India Persian Teachers Association, in Hyderabad, held on 16th 19th September, 2014.
- Rasheed, Saleha. Presented a Paper on "Maulan Mohd. Ali Jauhar, a Brief Introduction", in a National Seminar, organized by CCS University, Meerut, held on 11th April, 2014.
- Rasheed, Saleha. Zan-e Shahnama as seen by Allamah Shibli Nomani published in Arabic and Persian Research Journal, Department of Arabic and Persian, A.U., January, 2015.
- Rasheed, Saleha. Dastambu Ghalib, Published in Tahqiq Research Journal, Bihar, June, 2014.
- Rasheed, Saleha. Neend Shart Nahin-Ik Mutala, Maulana Azad College, Kolkata, 2014.
- Ray, S. & S. J. Heinen, A mechanism for decision rule discrimination by supplementary eye field neurons. Experimental brain research, 233, 459-476. 2015.
- Reicher, S. Hopkins, N., Khan, S.S., Tewari, S., Srinivasan, N., & Stevenson, C. Explaining effervescence: How shared social identity produces positive experiences in crowds. Cognition and Emotion (epub). Research Paper on National Seminar -03 International Seminar / Conference-02), 2015.
- Roy, Anamika, "Do the Yogini Images Transcend Moksha", published in the proceedings of the National Seminar on 'Kala aur Purusharth', by Allahabad National Museum 2014.
- Roy, Anamika. Reinterpreting Indological Studies: With special reference to Shaktism, being published in MANAS: African and -Studies, Sofia University, Bulgaria.
- Roy, Anamika. An Aesthetics Journey to the Environment, being published in the proceedings of the seminar on Environment, by D.D.U. Gorakhpur.
- Roy, Anamika. Manifestation of Radha in the BrahmaVaivarta Purana being published in Aesthetics in Art, Bhartiya Kala me Saundarya Dashan by Allahabad National Museum.
- Roy, Anamika. Amaravati: Unseen Passages being published in the Encyclopedia of Religion, Spingler.
- Roy, Anamika. Golaki Matth Vamdeva and Shahdol Images in Across Female Realms being published by Stella Dupius, Delhi.
- Roy, Anamika. Research Supervision: Le Van Thai Ph.D.Thesis, Kaniska I: Religion form And Changes, 31st October, 2015.
- Saha, L. D. Frei, A. Gerdes, J.K. Pati, S. Sarkar, V. Patole, A. Bhandari, and P. Nasipuri, Crustal geodynamics from Archaean Bundelkhand craton, India: constraints from U-Pb-Hf isotopic studies, Geological Magazine, (Cambridge University Press), doi:10.1017/S0016756815000692. (Impact Factor: 2.48) 2015.
- Sahney, Manju. Melissopalynological analysis of winter honey samples of Rewa District, Madhya Pradesh, India: M. Sahney and H. K. Seth, Indian Journal of Aerobiology 26(1), 1-10. 2014.
- Sahney, Manju. Variations in the airborne Pollen Spectra in two adjacent urban localities of Allahabad: M Sahney and S Chaurasia, Indian Journal of Aerobiology 26(1), 22-31, 2014.
- Sahney, Manju. Pollen analysis of honey samples from Allahabad district: M Sahney and S Rahi, Geophytology 45(1), 21-30, 2014.
- Sahney, Manju. Wood anatomy of Butea koenig (Fabaceae): M Sahney and Vibhasa, Indian Journal of Plant Science 4(2), 46-51, 2015.

- Sahoo, Subhasis. (with B. K. Pattnaik). 'Communicating Science in India through People's Science Movements (PSMs)', Journal of Scientific Temper, 2(1&2): 33-85, 2014.
- Sahoo, P.K. and M. Srivastava Functioning of Internal Quality Assurance cells in Autonomous and General Colleges, University News, Vol. 53, No. 07, February 16-22, 2015; Special Issues on Autonomy and Excellence in Higher Education, 2015.
- Sarkar, S. L. Saha, M. Satyanarayan, and J.K. Pati, Fractional Crystallisation of Archaean Trondhjemite Magma at 12-7 Kbar: Constraints on Rheology of Archaean Continental Crust, Geophysical Research Abstracts, European Geological Union (EGU-2015), v. 17, EGU2015-316-1, 2015.
- Sarkar, S. V. Patole, , L. Saha, J.K. Pati, and P. Nasipuri, Mechanisms for strain localization within Archaean craton: A structural study from the Bundelkhand Tectonic Zone, north-central India, Geophysical Research Abstracts, v. 17, European Geological Union (EGU-2015), v. 17, EGU2015-15424, 2015.
- Sanjay, S. S. A. Pandey, C. Pandey, S. Kumar and A. K. Pandey Cell membrane protective efficacy of ZnO nanoparticles. SOP Transactions on Nano-technology. 1: 21-29. 2014.
- Sarojni, Rai. Supriya Gupta, Poonam C. Mittal. Dietary Intakes and Health Risk of Toxic and Essential Heavy Metals through the Food Chain in Agricultural, Industrial and Coal Mining Areas of Northern India. Human and Ecological Risk Assessment (HERA) (Publ. Taylor and Francis). (In press) DOI: 10.1080/10807039.2014.946337. 2014.
- Satyanarayana, A. and Sanjay, Does Indebtedness lead to suicides? in Ishwar Modi (ed) Politiy, Civl Society and Development, Jaipur: Rawat Publications 2015.
- Satyendr Singh, Tanveer J. Siddiqui, Sunil K. Sharma, "Naïve Bayes classifier for Hindi Word Sense Disambiguation", In Proceedings of 7th ACM India Compute Conference (Compute'14), Nagpur, India, 9 11 October, 2014, Article No. 1, ACM Digital Library
- Satyendr Singh and Tanveer Siddiqui, Role of Semantic Relations in Hindi Word Sense Disambiguation, Procedia Computer Science Volume 46, 2015, Pages 240–248, Proceedings of the International Conference on Information and Communication Technologies, Kerala India, ICICT 2014, 3-5 December 2014.
- Sayantan, Nath. S. I. Rizvi and Munish Kumar, micro RNA Diagn. Ther. 1, 75-96, 2014.
- Shahi, N. K. Shailendra Rai, A. K. Sahai, S. Abhilash and D. K. Pandey. पू एशियाई मानसून परिवर्तनशीलता के दैनिक रूप की भविष्यवाणी, Indradhanush, 10, 40-44, 2014.
- Shahi, N. K. S. Rai and D. K. Pandey, Prediction of daily modes of South Asian Monsoon variability and its association with Indian and Pacific Ocean SST in the NCEP CFS V2, Meteorol. Atmos. Phys, DOI 10.1007/s00703-015-0404-2. 2015.
- Shahi, N. K. S. Rai, A. K. Sahai, S. Abhilash and D. K. Pandey, 2014: एन.सी.ई.पी. जलवायु पूर्वानुमान प्रणाली संस्करण - २ में दक्षिण एशियाई मानसून परिवर्तनशीलता के दैनिक रूप की भविष्यवाणी, Indradhanush, 10, 40-44. 2014.
- Shahid, Mohammad. Women Empowerment in An Era of Globalisation', Pp. 1-36,, Women Empowerment: Challenges of the millennium (Editor: Sarika Dube), Adhyayan Publishers & Distributors, New Delhi, ISBN 978-81-8435434-8, 2015.

- Shahid, Mohammad. Participated in the national seminar on Gandhism and Nehruism, organised by the Institute of Gandhian Thought & Peace Studies and the Nehru Studies Centre, University of Allahabad, Allahabad, during 30-31 January, 2015.
- Shahid, Mohammad. Participated and presented a paper on Israel-Palestine Conflict and International Laws of War at the symposium on Israel-Palestine Conflict, organised by the Research Association, Department of Political Science, University of Allahabad, Allahabad, on 26 August 2014.
- Shahid, Mohammad. Participated and presented a paper on Islamic Education and Methods to combat Terrorism at the International Seminar organized by Trinidad Muslim & Arabic Thought Institute at Port of Spain, Republic of Trinidad & Tobago on Islamic Ideology in 21st Century, on 18-20 October, 2014.
- Shahid, Mohammad, Participated and presented a paper on Muslim Degeneration and Peaceful efforts for Reformation at the International Seminar organized by The Institute of Guyanese Islamic Thought at Berbice, Guyana on Islam as a Transformative Force in the Carribean, on 25-27 October , 2014.
- Shahid, Mohammad, Participated and delivered Lectures on Role of Muslims in Nepali Society at the national seminar on Challenges to Islam & Muslims in Nepal, organised by Miftahul Uloom Arabic College, Nepal Ganj, Nepal, during 3-5 January, 2015.
- Shankar, Sonal. Child Labour & Law in LIC (AIR) April 2015 Presentation Let our daughters live:The tragedy of female foeticide in National Seminar held on 11th February 2015 in Department of Law V.S.S.D. College, Kanpur. Women Empowerment in India- Need & Solutions in National Seminar on State, Marginality & Empowerment held on April 30 to May 01, 2015 organised by Rajiv Gandhi Chair in Contemporary Studies, University of Allahabad.
- Sharma A.K. S. Kumar, and A.K. Pandey Ferric reducing, anti-radical and cytotoxic activities of Tinospora cordifolia stem extracts. Biochemistry & Analytical Biochemistry, 3(2):153. Doi: http://dx.doi.org/10.4172/2161-1009.1000153. 2014.
- Sharma A. K. S. Kumar, G. Chashoo, A. K. Saxena and A. K. Pandey Cell Cycle Inhibitory Activity of Piper Longum Against A549 Cell Line and its Protective Effect Against Metal-Induced Toxicity in Rats. Indian Journal of Biochemistry and Biophysics, 51(5): 358-364. 2014.
- Sharma, A.K. U.K. Sharma and A.K. Pandey Protective effect of Bauhinia variegata leaf extracts against oxidative damage, cell proliferation and bacterial growth. Proc. National Academy Sciences, India, Sect. B Biol. Sci. (online) DOI 10.1007/s40011-015-0578-x 2015.
- Sharma, B. HIV-1, Neuro-AIDS and Cognitive Impairments. JOURNAL OF NEUROINFECTIOUS DISEASES 5: e103. doi: 10.4172/2314-7326.1000e103, 2014.
- Sharma, B. Lymphatic Filariasis and Chemotherapeutic Targets. BIOCHEMISTRY AND ANALYTICAL BIOCHEMISTRY, 3:1-3. 2014.
- Sharma, B. Oxidative stress in HIV patients receiving antiretroviral therapy. CURRENT HIV RESEARCH 12(6):13-21. IF 2.033, 2014.
- Sharma, B. Advances in Development of Integrase Inhibitors as antiHIV1 Regimen. JOURNAL OF HIV & RETROVIRUSES. 1(1): 1-2. 2015.
- Sharma, B. zrug Resistance in HIV-1: Genetic and Molecular Bases, Mechanisms and Strategies to Combat the Issue. BIOCHEMISTRY AND ANALYTICAL BIOCHEMISTRY, 4:e153. 2015.

- Sharma, B. Shweta Singh and Nikhat J. Siddiqi (2014) Biomedical implications of heavy metals induced imbalances in redox systems. BIOMEDICAL RESEARCH INTERNATIONAL Vol.2014, Article ID 640754, 26 pages, IF:2.713.
- Sharma, S. S. K. Jhosi, B. D. Shrivastava, V. K. Hinge, J. Prasad, K. Srivastava, X-ray absorption fine structure (XAFS) studies of copper (II) mixed ligands complexes having tetramethylethyldiamine as one of the ligands Journal of Physics: Conference Series, 534, 012005. 2014.
- Sharma, Susheel Kumar. Culture and Literature in a Glo(b/c)al World, *Globalisation to Glocalisation: A Multidisciplinary Perspective*, Rustam Brahma (ed.), Delhi et al.: Akansha Publishing House, pp. 21-63. ISBN 978-81-8370-421-2. 2015.
- Sharma, Susheel Kumar. Foreword, Kulwant Singh Gill's *Pick of the Basket*, New Delhi: Adhyayan Publishers and Distributors, pp. xi-xxvi, ISBN: 978-81-8435-428-7. 2015.
- Sharma, Susheel Kumar. No Promising Voice May Be Silenced: An Interview with Susheel Kumar Sharma, Conducted by Syed Ahmad Raza Abidi, *The Challenge*, XXIII, i(Jan –June 2014), pp. 170-180. ISSN 2278-9499. 2014.
- Sharma, Susheel Kumar. Seven Poems on the Gulf war, We Want Peace! The Art of Being Human, Vol. 10, Compiled & Ed. Daniela Voicu & Brian Wrixon, Burlington: Brian Wrixon Books, pp. 23-29. http://www.blurb.com/books/5389674-the-art-of-being-human-volume-10 2014.
- Sharma, Sweta. Shuchi Srivastava, Renu Singh and K. N. Uttam, Laser Induced Fluorescence Study of Syzgium cumini, Proceedings of National Laser Symposium (NLS-23), S.V. University, Tirupati. 3-6 Dec NLS-23 Identifier: ISBN: 9788190332156 CP-09-14 2014.
- Sharma, Sweta. Shuchi Srivastava, Renu Singh and K. N. Uttam, Laser Induced Fluorescence Study of Syzgium cumini, Presented in National Laser Symposium (NLS-23), S.V. University, Tirupati, 3-6 Dec, 2014.
- Shukla, D. N. Diversity of Aquatic Fungi in Three bank of Ganga River in Varanasi District of Uttar Pradesh: B. Singh, S. Singh, V. Srivastava and D. N. Shukla, Plant pathology Journal 13, 200-202, ISSN 1812-5387 2014.
- Shukla, D. N. Effect of the Antibiotic Gliotoxin on Take All of Wheat caused by Gaeumannomyces graminis var. Tritici.: R. K. Seth, S. Alam, D. N. Shukla, Asian Journal of Biochemical and Pharmaceutical Research 3(4), ISSN: 2231-2560 2015.
- Shukla, D. N. Physico-chemical properties and Correlation Co-efficient of River Ganga at Allahabad: D. Raghuvansi, H. Singh, R. Pandey, B. Tripathi and D. N. Shukla, Bulletin of Environment, Pharmacology and Life Sciences 3(3), 233-240, 2014.
- Shukla, D. N. Phytoaccumulation of Chromium from aqueous solution by Eichhornia crassipes (C.Mart.) Solms: S. Srivastava, D. N. Shukla and V. Sriastava, Journal of Lalash Science 2(1), 29-33, 2014.
- Shukla, D. N. Profitability and Health Risk Estimation of Rice Cultivation under Wastewater Irrigation from Natural Drainage: A. Yadav, P. K. Yadav, S. Srivastava, P. K. Singh, V. Srivastava and D. N. Shukla, International Journal of Scientific and research Publication 4(3) ISSN2250-3153, 2014.
- Shukla, D. N. Role of Blue Green Algae in Paddy Crop: S Alam, R K Seth, D N Shukla, European journal of experimental biology 4(5), 24-28, ISSN: 2248- 9215, 2015.

- Shukla, D. N. Studies on prevalence and identification of new races of Fusarium moniliforme Sheldon incident of Pokkah Boeng disease from Uttar Pradesh: D. D. Sharma, Y. P. Bharti, P. K. Singh, D. N. Shukla and A. Kumar, Global Journal of Biology, Agriculture and Health Sciences 3(2), 53-61, 2014.
- Shukla, D. N. Studies on Soil Mycoflora of Sugarcane Field in Central Uttar Pradesh: V. Pandey, P. K. Singh, R. K. Mishra, V. Srivastava and D. N. Shukla, Archives of Applied Sciences Research 6(4), 230-237 ISSN 0975-508X, 2014.
- Siddiqui, A. R. "Combat Plan for Desertification in the Arid Environment of Western Rajasthan", In Bioved Vol 22 Number2, pp-121-122. An International Bi-annual Journal of Agriculture Journal' New Agriculturalist.
- Siddiqui, I. R. Anushree Srivastava, Archana Singh, Shayana Shamim, Pragati Rai, MoO2Cl2(dmf)2 catalyzed microwave assisted reductive cyclisation of nitro aromatics into dibenzodiazipines, RSC Advances, 55256-5260. 2015.
- Siddiqui, I. R. Arjita Srivastava, Anjali Srivastava, Malik A. Waseem, Shireen, Rahila, Arab. J. Chem., 9, 413-421, 2014.
- Siddiqui, I. R. Juhi Nazan, International journal of Scientific and Research Publications, Applied Chemistry, 4. 11, 2014.
- Siddiqui, I. R. P. Rai, Rahila, A. Srivastava Chitosan: An efficient promoter for the synthesis of 2-aminopyrimidine-5-carbonitrile derivatives in solvent free conditions, (NJC, 2014, 11, 2361-2373).
- Siddiqui, I. R. P. Rai, Rahila, A. Srivastava, S. Shamim, Synthesis of imidazo[1,2-a]pyridine in the presence of iodine—water catalytic system, Tetrahedr. Lett., 55, 1159–1163, 2014.
- Siddiqui, I. R. Pragati Rai, Rahila, Hozeyfa Sagir, Efficient ZnO catalyzed synthesis of pranopyridine, RSC Advances, 5, 27603-27609, 2015.
- Singh, A. S. Bajpai, N. Singh, V. Kumar, J.K. Gour, P.K. Singh, R.K. Singh, Wound healing activity of standardized extract of Curculigo orchioides in streptozotocin induced diabetic mice, Asian Pacific Journal of Tropical Disease, 4 (suppl 1): S48-S53, 2014.
- Singh, Ajai. 'Human Rights: As Flourished by Judicial Judgments' (2014) VII Journal of SGM Law College: Vidhik Chetna pp. 205-215.
- Singh, Akanksha. Tracing the Concept of Feminism and Present Scenario of Indian Women: A Phenomenological Inquiry. Published by Academic Staff College, University of Lucknow. Jan, 2015.
- Singh, B.K. Cloud Computing and its Applications in Library and Information Services. In Singh, Pramod Kumar et.al. [Ed]. Emerging Trends, Challenges and Vision in Library and Information Science, New Delhi: Shree Publishers, 2015, pp. 159-171 (ISBN: 978-81-8329-756-1)
- Singh, B.K. Reading Habits and Attitude in the Digital Age. In Singh, M.P. et.al. [Ed]. Libraries towards Digital Paradigm, Faizabad: Bharti Publishers, 2014, pp. 334-341. (ISBN: 978-93-81797-65-5)
- Singh, B.K. Role of Benchmarking in Improving the Efficiency of Library & Information Services. In Mendhe, Ravindra M. et.al. [Ed]. Emerging Trends, Advancements and Challenges of Academic and Public Libraries, Dhule: Atharva Publications, 2014, pp. 268-272. (ISBN: 978-93-84093-13-6)

- Singh, B.K. Role of Cloud Computing in Higher Education. In Vyas, S.D. et.al. [Ed]. Libraries: Current Trends and Future Perspectives: Essays in honour of Dr. T.D. Tilwani, New York, Arcler Press, 2015 pp. 228-238. (ISBN: 978-1-68094-347-4)
- Singh, B.K. Use of Information by the Scientists & Engineers in Petroleum R& D Organisation, New Delhi: Shree Publishers, 2014. (ISBN: 978-81-8329-695-3).
- Singh, Haribansh Published a chapter entitled भारत में वन्य जीव संरक्षण के लिए विधिक प्रावधान—एक विश्लेषण मकपजमक इववा वद पर्यावरण संरक्षण— समस्याएँ, चुनौतियाँ एवं भविश्यष्य C.L.P. Allahabad.
- Singh, Haribansh Delivered a Special Lecture on the topics Tortious Liability of State-Need for a fresh look on 10 March, 2015.

===

- Singh, A. K. M. Singh, J. Srivastava, S. Rahmani, R. Yadav, The Kinetics of Rh(III)-Catalyzed Oxidation of D(+)Melibiose By Cu(II) Bipyridyl Complex In Alkaline Medium, J. Applicable Chem., 4 (2): 510-524, 2015.
- Singh, A. K. R. Chawla, L. D. S. Yadav, Aerobic Oxysulfonylation of Alkynes in Aqueous Media: Highly selective access to β-keto sulfones, Tetrahedron Lett. 2014, 55, 2845-2848.
- Singh, A. K. R. Chawla, L.D.S. Yadav, A direct approach to β -keto sulfones via AgNO3/K2S2O8 catalyzed aerobic oxysulfonylation of alkenes in aqueous medium, Tetrahedron Lett. 2014, 55, 4742-4746.
- Singh, A. K. R. Chawla, L.D.S. Yadav, Eosin Y Catalyzed Visible Light Mediated Aerobic Photo-Oxodative Cleavage of the C-C Double Bond of Styrenes, Tetrahedron Lett. 2015, 56, 653-656
- Singh, A. K. R. Chawla, T. Keshari, V.K. Yadav, L.D.S. Yadav ,Aerobic Oxysulfonylation of Alkenes using Thiophenols : An efficient one-pot route to β -ketosulfones, Org. Biomol. Chem. 2014, 12, 8550-8554.
- Singh, A. K. R. Singh, J. Srivastava, S. Rahmani, R. Pradhan, A Kinetic Approach for (H2OBr)+ Oxidation of Glucose in Presence of [RhCl4(H2O)2]- as Catalyst, J. Applicable Chem., 4 (2) 587-600, 2015.
- Singh, A. K. R. K. Singh, R. Srivastava, S. Rahmani, J. Srivastava, M. Singh, Rh(III)- catalysed oxidation of D(+)Trehalose by N-Bromoacetamide in Acidic Medium. A Kinetic and Mechanistic Study, Oxidation Commun. 2015, 37(1) 193-208.
- Singh, A. D. Yadav, M. Yadav, A. Dhamanage, S. Kulkarniand, R. K. Singh, Molecular Modeling, Snthesis and Biological Evaluation of N-heteroarylcompounds as Reverse Transcriptase linhibitors against HIV-1. ChemBiol Drug Des, 2015, 85(3), 336-347.
- Singh, A. M. Yadav, R. Srivastava, N. Singh, A. Godse, R. Suryawanshi, A. Dhamange, S. Kulkarni, R. K. Singh Design, Synthesis and Biological Evaluation on N-heteroaryl compounds as probable NNRTIs against laboratory adapted and the primary isolates of HIV-1 strains.BMC Infectious Diseases 14, Suppl3:E15, 2014.
- Singh, A. M. Yadav, R. Srivastava, R. K. Singh Molecular Modelling Antibacterial Evaluation of N-Heteroaryl Analogues as Peptide Deformylase Inhibitors. International Conference on Multifunctional Materials, Structures and Applications. ICMMSA-2014, MNNIT, Allahabad, p. 65. 2014.
- Singh, A. M. Yadav, N. Singh R. Srivastava, R.Verma, P. Singh, F. Naaz, R. kaur S. K. Gupta, R. K. Singh. Arylsulfonilamides as NNRTIs against HIV-1: Computational modeling, green

- synthesis and biological activity. National seminar on "Chemistry at the Interface of Innovative Researches in Science and Technology (CIIRST-14)" organized by Department of Chemistry University of Allahabad, Allahabad, 2014.
- Singh, A. M. Yadav, N. Singh, R. Srivastava, R. Kaur, S. K. Gupta, R. K. Singh, Computational modelling, green synthesis and biological activity of arylsulfonilamides as NNRTIs against HIV-1. BMC Infectious Diseases 14, Suppl 3: E4, 2014.
- Singh, A. M. Yadav, Preeti Singh, R. Verma, R. Srivastava, N. Singh, F. Naaz, R. K. Singh In silicodesigning, synthesis and anti bacterial evaluation of N-heterocyclic molecules as peptide deformylase inhibitors. National seminar on "Chemistry at the Interface of Innovative Researches in Science and Technology (CIIRST-14)" organized by Department of Chemistry University of Allahabad, Allahabad, 2014.
- Singh, A. M. Yadav, R. Srivastava, N. Singh, R. kaur, S. K. Gupta, R. K. Singh Computational modelling, green synthesis and biological activity of arylsulfonilamides as NNRTIs against HIV-1, International Science Symposium on HIV & Infectious Diseases, Chennai, India, 2014.
- Singh, A. M. Yadav, R. Srivastava, R. Kaur, S. K. Gupta, R. K. Singh. Synthesis, Insilico and In vitro Activity of Arylsulphonamides as NNRTIs against HIV-1. NASI, Jodhpur. (NASI-SwarnaJayanti Award, Best Paper presentation, 2014.
- Singh, A. M. Yadav, R.Srivastava, N. Singh, R. Verma, P. Singh F. Naaz, A.Godse, S. Kulkarni, R. K. Singh Non-Nucleoside Analogs as probable NNRTIs against different strains of HIV-1. National Seminar on "Chemistry at the Interface of Innovative Researches in Science and Technology (CIIRST-14)" organized by Department of Chemistry University of Allahabad, Allahabad, 2014.
- Singh, A. P. Singh, R. Srivastava, N. Singh, R. Verma, R. K. Singh N-heterocyclic Analogues As Peptide Deformylase Inhibitors: Molecular Modeling, Synthesis And Antibacterial Evaluation.International Science Symposium on HIV & Infectious Diseases, Chennai, India, 2014.
- Singh, A. P. Singh, R. Srivastava, R. Verma, R. K. Singh, N-Heterocyclic Analogues as peptide deformylaseinhibitors: Molecular Modelling, Synthesis and Antibacterial Evaluation. BMC Infectious Diseases 14, Suppl3: E18, 2014.
- Singh, A. R. Srivastava, M. Yadav, N. Singh, A. Godse, S. Kulkarni, R. K. Singh Design, Synthesis and Biological Evaluation on N-heteroary Compounds as Probable NNRTIs Against Laboratory Adapted and the Primary Isolates HIV-1 strains. International Science Symposium on HIV & Infectious Diseases, Chennai, India, 2014.
- Singh, Archana. A. Singh, Satyendra Singh, P. Tandon, R.R. Yadav, B.C. Yadav, Synthesis, Characterization and Performance of Zinc Ferrite Nanorods for Room Temperature Sensing Applications, Journal of Alloys and Compounds (Elsevier) 618 475–483, 2015.
- Singh, N. B. Interactive Effect of Rice Residue and Water Stress on Growth and Metabolism of Wheat Seedlings: N. Amisht, N. B. singh and K. Yadav, Journal of Stess Physiology and Biochemistry 10, 232-245, 2014.
- SINGH, N. B. Allelopathic Potential of Ferulic Acid on Tomato: N. B. Singh and Sunaina, Tunisian Journal of Plant Protection 9, 1-9, 2014.
- Singh, N. B. Interactive effects of wheat residue and cadmium on growth and metabolism of Vigna radiata L.: K. Yadav, N. Amist and N. B. Singh, Allelopathy Journal 37, 1994-2014.

- Singh, N. B. Biological Seed Priming Mitigates the Effects of Water Stress in Sunflower Seedlings: N. B. Singh, D. Singh and A. Singh, Journal of Physiology and Molecular Biology of Plants, DOI 10.1007/s12298-015-0291-5, 2015.
- Singh, N. B. Effects of Rice Residues and Rice Residues and Water Deficit on Growth and Metabolism of Triticum aestivum L: N. Amisht, N. B. Singh and K. Yadav, Allelopathy Journal 36, 87-102, 2015.
- Singh, N. B. Effect of Salicylic Acid on Cabbage (Brassica oleracea var. capitata) Grown Under Salinity Stress: Sunaina and N. B. Singh, Iranian Journal of Plant Physiology 4, 109-118, 2015.
- Singh, N. B. Allelopathic activity of Nicotiana plumbaginifolia at various phenological stages on sunflower: A. Singh, D. Singh and N. B. Singh, Allelopathy Journal 36, 315-325, 2015.
- Singh, N. B. Residual Effects of Mentha Pipereta L. on growth and metabolism of Rice Seedlings: N. B. Singh, S. Rao and Sunaina, Scientia Agriculturae 10, 151-155, 2015.
- Singh, N. B. All Elopathic Stess produced by Bitter gourd (Momordica charantia L.): N. B. Singh and Sunaina, Journal of Stess Physiology and Biochemistry 10, 5-14, 2015.
- Singh, N. B. Alleviation of Allelopathic stress of benzoic acid by indole acetic acid in Solanum lycopersicum: Sunaina and N. B. Singh, Scientia Horticulturae 192, 211–217, 2015.
- Singh, N B, Plant-nanoparticle interaction: An approach to improve agricultural practices and plant productivity: A Singh, N B Singh, I Hussain, H Singh and S C Singh, International Journal of Pharmaceutical Science Invention 4, 25-40, 2015
- Singh, N. B. Protective Role of Exogenous SNP against heavy metal toxicity in Brassica oleracea (var. Capitata): N. B. Singh, H. Singh and Sunaina, Iranian Journal of Plant Physiology 5, 1449-1456, 2015.
- Singh, N. B. Synthesis, Characterization and Application of Ruthenium Oxide Nanoparticles on Growth and Metabolism of Brassica oleracea L.: N. B. Singh, A. Singh, I. Hussain, Sunaina, H. Singh, and S. C. Singh, Advance Science Letters 21, 2635-2640, 2015.
- Sinha, M. Publication of Papers: A Geographical Analysis of Health Facilities in Sultanpur District, U.P. Geographic Mosaic- The Institute of Geographers, India, Vol.07, pp. 183-192.
- Sinha, M. Demographic Shifts in Kashmir Valley: Problem and Prospects, ILEE Vol. 35 (2) Dec. 12 PP. 106-111.
- Singh, D. H. Chandra, V. Shankar, Vijay Krishna, Mixed ligand ternary complexes of some transition metals with aspartic acid as primary ligand and cytosine as secondary ligand: Equilibrium study, chemical speciation and stability constant, International Journal of Research in Chemistry and Environment 4(1), 48-53, 2014.
- Singh, D. R. K. Gautam, R. Kumar, B. K. Shukla, V. Shankar, V Krishna Citric acid coated magnetic nanoparticles: Synthesis, characterization and application in removal of Cd(II) ions from aqueous solution, Journal of Water Process Engineering, 4, 233–241, 2014.
- Singh, D. V. Krishna, and Harish Chandra, Valine-Coated Magnetic Nanoparticles Synthesis, Characterization, and Application in Removal of Cd(II) Ions from Aqueous Solution: Separation Science and Technology, 50,1–9, 2015.
- Singh, J. P. & Mishra, R. K. (2015). Effect of bilingualism on anticipatory oculomotor control. International Journal of Bilingualism. (epub) AD VELOREM Vol.-2, Issue-2, April - June: 2015, ISSN: 2348-5485 PP. 20-27.

- Singh, M. M. Saquib, S. B. Singh, S. Singh, P. Ankit, S. Fatma, J. Singh, Organocatalysis in Aqueous Micellar Medium: a new protocol for the synthesis of [1,2,4]-triazolyl-thiazolidinones, Tetrahedron Lett. 55, 6175-6179, 2014.
- Singh, M. S. B. Singh, S. Fatma, P. Ankit, J. Singh, Development of five membered heterocyclic frameworks via [3+2] cycloaddition reaction in an aqueous micellar system New. J. Chem, 38, 2756-2759, 2014.
- Sinha, M. Publication of Papers: A Geographical Analysis of Health Facilities in Sultanpur District, U.P. Geographic Mosaic- The Institute of Geographers, India, Vol.07, pp. 183-192.
- Sinha, M. Demographic Shifts in Kashmir Valley: Problem and Prospects, ILEE Vol. 35 (2) Dec. 12 PP. 106-111.
- Singh, Monisha. and Dr. Sangita Srivastava A research paper entitled "An ergonomic sari design" written by was published in the Asian Journal of Home Science an International Journal with ISSN no. 09734732, vol 9, issue 2, page 641-643 dated on December, 2014.
- Singh, N. & R. K. Mishra, Performance Monitoring and Response Inhibition in a Saccadic Countermanding task in low and high proficient bilinguals. Frontiers in Psychology, 5:1481, 2015
- Singh, N. & R. K. Mishra, Unintentional Activation of Translation Equivalents in Bilinguals Leads to attention capture in a cross-modal visual task. PLoS One. 10(3): e0120131, 2015.
- Singh, N. R. Srivastava, A. Singh, F. Naaz, R. Verma, P. Singh, R. K. Singh (2014) Fluorescent Prodrugs of Stavudine as NRTIs against HIV-1. International Conference on Multifunctional Materials, Structures and Applications. ICMMSA-2014, MNNIT, Allahabad. p. 85.
- Singh, P. and S.I. Rizvi, 2015 Role of Curcumin in Modulating Plasma PON1 Arylesterase Activity and Susceptibility to LDL Oxidation in Oxidatively Challenged Wistar Rats. Letters in Drug Design and Discovery, 12(4), 319-323.
- Singh, R. K. A. Miazga, A. Dąbrowska, A. Lipniacki, A. Piasek, T. Kulikowski, D. Shugar. Myristoylated derivatives of 2′, 3′-didehydro-2′,3′dideoxythymidine (stavudine, d4T), bifunctional prodrugs with potent anti-HIV-1 activity and low cytotoxicity. Antivir. Chem. Chemother. 2014, 23(16), 231-235.
- Singh, R. F. Srivastava, Naaz, R. K. Singh Insilico Designing, Synthesis and Antibacterial Studies on N-(5-bromo/nitro-pyridine-2-yl)-sulphonamide analogues as peptide deformylase inhibitors. National Seminar on Science and Technology for Human Development. Department of Chemistry, University of Allahabad and ISCA (Allahabad chapter), March 14-15, 2015. p 22, 2015.
- Singh, Renu. and Dr. Sangita Srivastava A review paper entitled "Exploration of Flower Based Natural Dyes A Review" written and was communicated to "Research Journal of Recent Sciences" an International Journal with ISSN no: 2277-2502 on March, 2015.
- Singh, S. and B. Sharma Immunodeficiency and Microbial infections. JOURNAL OF MICROSCOPIC CREATURES 1(1): (In press), 2015.
- Singh, S. B. P. K. Tandon, Catalysis: A Brief Review on Nano-Catalyst, Journal of Energy and Chemical Engineering, 2 (3), 106-115, 2014.
- Singh, S. L. K. Sharma, A. Saraswat, I. R. Siddiqui, R. K. P. Singh, Electrochemical Behaviour of Aldehyde-N-Arylhydrazones at Platinum Electrode and Their Characterization, Russian J. Electrochemistry, 50(9), 2014, 831–837, 2014.

- Singh, S. R. K. P. Singh, Electro-organic mediated synthesis of bis-1,3,4-oxadiazoles and evaluation of their antifungal activity, Laxmi Kant Sharma, A. Saraswat, Proceedings of NASI, 85, 29-34, (DOI:10.1007/s40010-014-0175-z), 2015.
- Singh, S. A. Singh, B.C. Yadav P. Tandon, S. Kumar, R.R. Yadav, S. I. Pomogailo, G. I. Dzhardimalieva and A.D. Pomogailo, Frontal Polymerization of Acrylamide Complex with nanostructured ZnS and PbS: their characterizations and sensing applications, Sensors and Actuators B (Elsevier) 207 460–469, 2015.
- Singh, S. Bano F and Mohanty B (2015) Vitamin E Pretreatment Prevents the immunotoxicity of dithiocarbamate pesticide mancozeb in vitro: a comparative age-related assessment in mice and chick. Pesticide Biochemistry and Physiology (Elsevier), doi:10.1016/j.pestbp.2015.08.001.
- Singh, Satyendra. Archana Singh, Meher Wan, R.R. Yadav, Poonam Tandon, S.S.A. Rasool, B.C. Yadav, Fabrication of self-assembled hierarchical flowerlike zinc stannate thin film and its application as liquefied petroleum gas sensor, Sensors & Actuators: B. Chemical (Elsevier) 205, 102–110, 2014.
- Singh, Satyendra. Archna Singh, P. Tandon, R.R. Yadav, Growth of zinc ferrite aligned nanorods for liquefied petroleum gas sensing, Materials Letters, 131, 31-34 (2014).
- Singh, Sudhir Kumar. P. Singh, S.K. Gautam Appraisal of urban lake water quality through numerical index, multivariate statistics and earth observation data sets Int. J. Environ. Sci. Technol. DOI 10.1007/s13762-015-0850-x, 2015.
- Singh, Sudhir Kumar. Mustak S. K. Srivastava P. K. Szabó S, Islam T (2015) Predicting Spatial and Decadal LULC Changes Through Cellular Automata Markov Chain Models Using Earth Observation Datasets and Geo-information. Environ. Process. DOI 10.1007/s40710-015-0062-x.
- Singh, Sudhir Kumar. A.C. Pandey, D. Singh (2014) Land Use Fragmentation Analysis Using Remote Sensing and Fragstats in edited Book Title Remote Sensing Applications to Environmental Research, Chapter 9. DOI 10.1007/978-3-319-05906-8 9.
- Singh, Sudhir Kumar. P.K. Srivastava, D. Singh, D. Han, S. K. Gautam, A. C. Pandey, Modeling groundwater quality over a humid subtropical region using numerical indices, earth observation datasets, and Xray diffraction technique: a case study of Allahabad district, India. Environ Geochem Health. DOI 10.1007/s10653-014-9638-z, 2014.
- Singh, Swati. Anoop Chaturvedi, Ashutosh Mani: "Cross family comparative proteomic study and molecular phylogeny of MAP kinases in plants", Interdisciplinary Sciences: Computational Life Sciences, 1-10, January, 2015.
- Singh, U. K. S. Dwivedi, L. K. Pandey, Tropical Indian Ocean Simulation Using NEMO-AGRIF, Abstracts, pp. 51, National Conference of Ocean Society of India (OSICON-15), 22-24 March 2015, CSIR-National Institute of Oceanography, Goa.
- Singh, U.P. R.K. Singh Discovery of novel 1,3,5-triazine-thiazolidine-2,5-diones as p50 NF-κB inhibitor involved in cystic fibrosis along with potent antibacterial and biofilm inhibitory activity, 8th European CF Young Investigator Meeting, Pasteur Institute, Paris, France, 19-21 Feb, 2014.
- Singh, V. S. Joshi, A. K. Sharma, Tulika Malviya, Synthesis and Characterization of Poly(acrylamide) Grafted Chitosan for Industrial Applications, abstract published in proceeding of "National seminar on Science and Technology for Human Development"

- Organized by Allahabad Chapter of The Indian Science Congress Association, Department of Chemistry, University of Allahabad, Allahabad, March 14-15, 2015.
- Singh, V. Preeti. A. Singh, D. Singh, J. Singh, A.K. Pandey, Synthesis and Characterization of guaralginate hybrid bead templated mercury sorbing titania spheres, International Journal of Biological Macromolecules, 2015, 72, 261-268.
- Singh, V. S. Ahmed, Carboxymethyl Cellulose-Gelatin- Silica Nanohybrid: An efficient carrier matrix for alpha amylase, International Journal of Biological Macromolecules, 7, 439-44, 2014
- Singh, V. Preeti. S.K. Singh, A. Singh, D. Singh, J. Singh, A. K. Pandey, Design of Nanostructured Gum acacia silica hybrid for efficient removal of mercury, abstract published in proceeding of "International Conference on Innovative Trends in Applied Physical, Chemical, Mathematical Sciences and Emerging Energy Technology For Sustainable Development" organized by "Krishi Sanskriti", Jawaharlal Nehru University, New Delhi, April 19-20, 2014.
- Singh, V. Tiwari, V., S. Tiwari, S. Pandey, Preeti, R. Sanghi, Cassia grandis seed gum-graft-poly(acrylamide)-Silica hybrid: An excellent cadmium(II) adsorbent, Advanced Material Letters, 2015, 6, 19-26.
- Sinha, Prakash, 'Phytoliths in Archaeological soils from Chopani-mando, Belan valley: a Preliminary Study' with Tulika. Puratattava. 44, 101-11, 2014.
- Sinha, S. V. P. Shukla, P. P. Singh, V. Krishna Chemical Distribution and Structure of Quaternary Metal Chelates in Aqueous Solution Involving Asparagine and Uracil, Chemical Science Transaction, 3,576-581, 2014.
- Soni, B. Davood Ah Dar, B. D. Shrivastava, J. Prasad and K. Srivastava, X-ray absorption spectral studies of copper (II) mixed ligand complexes, Journal of Physics: Conference Series, 534, 012008, 2014.
- South, Asia. A Unique Region and Modi's Diplomatic Priority in Shekhar Adhikari, ed., South Asia: Traditional and Non-Traditional Security Threats. New Delhi: Pentagon Press, 2015.
- Peace Building in the Sub-continent: India-Pakistan Story' in Journal of Peace, Security and Development, vol. XX, 2014.
- Srinivasan, N. Are there really autonomous "unconscious" goals that drive behaviour? An event-control approach to goals and actions. Frontiers in Psychology, 5:723, 2014.
- Srinivasan, N. & B.Gingras, Emotional intelligence predicts individual differences in proneness for flow among musicians: The role of control and distributed attention. Frontiers in Psychology, 5:608, 2014.
- Srinivasan, N. S.Tewari, M. Makwana, & N. Hopkins. Attention mediates the effect of context-relevant social meaning on prospective duration judgments. Timing and Time Perception. epu, b2014.
- Srivastava, A. K. Designing Aspect of More Efficient α-nucleophiles: A Computational Study. Indian Science Congress Association National Seminar on "Innovations in Science & Technology for Inclusive Development" Organized by University of Jammu, during February, 3-7, 2014.
- Srivastava, A. K. Designing Aspect of More Efficient α -Nucleophiles: A Computational Study.Indian Science Congress Association National Seminar on "Innovations in Science & Technology for Inclusive Development" Organized by University of Jammu, during February, 3-7, 2014.

- Srivastava, A. K. Exploring Benzopyran Activities as COX-2 Inhibitors with QSAR Using Quantum, Chemical and Topological Parameters, The Indian Science Congress Association Allahabad Chapters. Organized by Department of chemistry, University of Allahabad, Allahabad from Mar 30-31, 2014.
- Srivastava, A. K. In Silico Molecular Modeling and Prediction of Activity of Substituted Tetrahydropyrans as COX-2 Inhibitor, National Symposium on Chemistry at the Interface of Innovative Researches in Science and Technology (CIIRST-14). Organized by Department of chemistry, University of Allahabad, Allahabad from Feb 27-28, 2014.
- Srivastava, A. K. Modeling of Inhibitory Activity of Benzopyran Derivatives as COX-2 Inhibitors by QSAR Analysis, In 84th Annual Session of National Academy of Sciences, to be held At Jai Narayan Vyas University, Jodhpur December 5-6, 2014.
- Srivastava, A. K. Modeling of Inhibitory activity of Indomethacin Derivatives as Potential COX-2 Inhibitors through QSAR analysis, National Seminar On Research on Science and Technology for Human Development organized by Allahabad Chapter of The Indian Science Congress Association, Department of Chemistry, University of Allahabad. Mar 14-15, 2015.
- Srivastava, A. K. Prediction of Ultrasonic Velocity of some Organic Halides through QSAR analysis, In 84th Annual Session of National Academy of Sciences, to be held At Jai Narayan Vyas University, Jodhpur December 5-6, 2014.
- Srivastava, A. K. QSAR analysis of 1-[(2-Benzyloxyl/alkoxyl) methyl]-5-halo-6-aryluracils derivative for Non-nucleoside Reverse Transcriptase Inhibitors, National Symposium on Chemistry at the Interface of Innovative Researches in Science and Technology Organized by Department Of Chemistry, University Of Allahabad, Allahabad, during Feb, 27-28, 2014.
- Srivastava, A. K. QSAR modeling of Dihydro-Pyrazolyl-Thiazolinone Derivatives as Potential COX-2 Inhibitors International Conference on Advanced Materials and Applications (ICAMA-2014). Organized by Centre of Material Sciences Institute of Interdisciplinary Studies (IIDS), University of Allahabad, Allahabad from Mar 24-26, 2014.
- Srivastava, A. K. QSAR Modeling of Substituted Indole Schiff Bases as COX-2 Inhibitor Using Hansch Analysis 101st Session of Indian Science Congress. Focal theme "Innovations in Science & Technology for Inclusive Development" to be held at University of Jammu, Jammu from Feb 3-7, 2014.
- Srivastava, A. K. Using dried biomass of Parthenium for the removal of malachite green dye from aqueous solution, In 84th Annual Session of National Academy of Sciences, to be held At Jai Narayan Vyas University, Jodhpur December 5-6, 2014.
- Srivastava, Anoop Kumar. Ram Kripal, Electrokinetic Study and Surface Conductance of Carbon Nanotubes in Liquid Crystal Medium, Soft Materials 12 284-289, 2014.
- Srivastava, A. S. Dwivedi, A Comparative Study of the High-Resolution Bay of Bengal Circulation Model forced with NCEP winds and Blended Seawinds, Abstracts, pp. 21, National Seminar on Impacts of Climate Change: Success and Challenges in Ocean and Atmopsheric Research (SCOAR-2014), 9-11 Oct 2014, Dept. of Meteorology and Oceanography, Andhra University, Visakhapatnam.
- Srivastava, A. S. Dwivedi, A. K. Mishra, Modeling the Hydrography and Circulation of the Bay of Bengal Using a High-Resolution Ocean Circulation Model, Abstracts, pp. 73, National Conference of Ocean Society of India (OSICON-15), CSIR-National Institute of Oceanography, Goa, 22-24 March, 2015.

- Srivastava, M. P. Rai, Jaya Singh, J. Singh, Bmim (OH)/chitosan/C2H5OH synergy: grinding induced, a new route for the synthesis of spiro-oxindole and its derivatives, RSC 4, 30592-30597, Adv. 2014.
- Srivastava, R. A. Singh, F. Naaz, R. K. Singh Non-nucleoside analogs of Purine and Pyrimidine bases as NNRTIs against HIV-1. National Seminar on Science and Technology for Human Development. Department of Chemistry, University of Allahabad and ISCA (Allahabad chapter), March 14-15, p 44, 2015.
- Srivastava, R. N. Singh, A. Singh, F. Naaz, R. K. Singh In-silico designing of purine andpyrimidine derivatives as Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTIs) against HIV-1. International Conference on Multifunctional Materials, Structures and Applications. ICMMSA-2014, MNNIT, Allahabad, p. 84, 2014.
- Srivastava, R. N. Singh, A. Singh, M. Yadav, R. K. Singh, Computational Studies on Non-Nucleoside Analogues of Pyrimidine as NNRTIs Against HIV-1.BMC Infectious Diseases 14, Suppl3:E3, 2014.
- Srivastava, R. N. Singh, A. Singh, M. Yadav, R. Verma, P. Singh, F. Naaz, R. K. Singh Molecular Modelling Studies on Substituted Benzimidazoles as NNRTIs against HIV-1. National Seminar on "Chemistry at the Interface of Innovative Researches in Science and Technology (CIIRST-14)" organized by Department of Chemistry University of Allahabad, Allahabad, 2014.
- Srivastava, R. N. Singh, A. Singh, R. K. Singh Computational studies on Non-Nucleoside Analogs of Pyrimidine as NNRTIs against HIV-1. International Science Symposium on HIV & Infectious Diseases, Chennai, India, 2014.
- Srivastava, Sangita. A research paper entitled An Ergonomic Sari Design written by Singh, Monisha and Dr. Srivastava, Sangita was published in the "Asian Journal of Home Science" an International Journal with ISSN no. 09734732, vol 9, issue 2, page 641-643 dated on December, 2014.
- Srivastava, Sangita. A research paper entitled "Media influence on dietary practices of college going girls" written Johry, Anshu and Dr. Srivastava, Sangita was published in the "Asian Journal of Home Science" an International Journal with ISSN no. 09734732, vol. 9(2). Page no. 628 -632 dated on December, 2014.
- Srivastava, Sangita. A research paper entitled "Non verbal communication physical attractiveness and mate choices" written by Johry, Anshu, Mrs. Singh, Monisha and Dr. Srivastava, Sangita was communicated to "Asian Journal of Home Science" an International Journal with ISSN no. 09734732.
- Srivastava, Sangita. A review paper entitled "Exploration of Flower Based Natural Dyes A review" written by Singh, Renu and Dr. Srivastava, Sangita was communicated to Research Journal of Recent Sciences an International Journal with ISSN no: 2277-2502 on March, 2015.
- Srivastava, Shuchi and K. N. Uttam, Elemental Investigation of Turmeric by LIBS technique, Presented in International Conference on Advance Materials & Applications at Centre of Material Sciences, University of Allahabad, March 24-26, 2014.
- Srivastava, V. P. A.K. Yadav, L.D.S. Yadav, The Beckmann rearrangement executed by visible-light-driven generation of Vilsmeier-Haack reagent, Synlett 2014, 25, 665-670.

- Srivastava, V. P. A.K. Yadav, L.D.S. Yadav, Visible-light-induced cyanation of aza-Baylis-Hillman adducts: a Michael type addition, Tetrahedron Lett. 2014, 55, 1788-1792.
- Sunil, K. Jaiswal, Nikhat J. Siddiqi, and B. Sharma Carbofuran Induced Oxidative Stress Mediated Alterations in Na+-K+-ATPase Activity in Rat Brain: Amelioration by Vitamin E. JOURNAL OF BIOCHEMISTRY AND MOLECULAR TOXICOLOGY 28 (7), 321-327. IF:1.596, 2014.
- Sunil, K. Jaiswal. Vivek Gupta, Nikhat J Siddiqi, Ravi S.Pandey, and B. Sharma Hepatoprotective Effect of Citrus Limon Fruit Extract against Carbofuran Induced Toxicity in Wistar Rats. CHINESE JOURNAL OF BIOLOGY (In Press), 2015.
- Supriya, Gupta. Sarojni Rai, Poonam C. Mittal Malondialdehyde and Superoxide Dismutase in High-dose Calcium Supplemented Women in Relation to Iron and Calcium Panels Current Nutrition & Food Science, 2014, 10, 000-000 1 1573-4013/14 \$58.00+.00 © Bentham Science Publishers, 2014.
- Szabo, G. Sudhir Kumar Singh, Szabo S (2015). Slope angle and aspect as influencing factors on the accuracy of the SRTM and the ASTER GDEM databases. Physics and Chemistry of the Earth, Parts A/B/Cdoi:10.1016/j.pce.2015.06.003.
- Tabish, Qidwai. Farrukh Jamal, Mohd Y. Khan and B. Sharma (2014) Exploring Drug Targets in Isoprenoid Biosynthetic Pathway for Plasmodium Falciparum. Biochemistry Research International, Volume 2014, Article ID 657189, 12 pages; http://dx.doi.org/10.1155/2014/657189.
- Thakur, J. K. J. Diwakar, Sudhir Kumar Singh Hydrogeochemical evaluation of groundwater of Bhaktapur Municipality, Nepal Environ Earth Sci. DOI 10.1007/s12665-015-4514-4, 2015.
- Tandon, P.K. S.B. Singh, Catalytic Applications of Copper Species in Organic Transformations: A Review; Journal of Catalyst & Catalysis (JoCC), 2014, 1(2), 21-34.
- Tarikul, Huda Mazumder. Sayantan Nath, Nibendu Nath, Munish Kumar, Central European Journal of Biology, 9(6), 593-613, 2014.
- Tiwari, B. K. D. Kumar, A. B. Abidi, and S. I. Rizvi, Efficacy of Composite Extract from Leaves and Fruits of Medicinal Plants Used in Traditional Diabetic Therapy against Oxidative Stress in Alloxan-Induced Diabetic Rats ISRN Pharmacology, 2014. http:// dx. doi. org /10. 1155/2014/608590.
- Tiwari, B. K. K. B. Pandey, N. Jaiswal, A. B. Abidi, and S. I. Rizvi, Anti-diabetic and anti-oxidative effect of composite extract of leaves of some Indian plants on alloxan induced diabetic wistar rats. Journal of Pharmaceutical Investigation 44 (3), 205-211, 2014.
- Tiwari, J. M. Singh, J. Singh. Construction of Five Membered Heterocyclic Scaffolds via [3+2] cycloaddition reaction in aqueous micellar system. Abstract published in proceedings of national seminar on Science and Technology for Human Development, Department of Chemistry, University of Allahabad, Allahabad, India, 14, 15 March, 2015.
- Tiwari, S. A. Kumar, A. Ahamad, Synthesis of some 10-aryl-6-arylidenecyclohexane[2,1-e]pyrimido[1,2-a]pyrimidines/3-aryl-7-arylidene cyclohexane[2,1-d]iso-oxazoline / 1,7-diaryl-3-arylidenecyclohexane[2,1-d]pyrazolines and 7-aryl-3-arylidene-1-(2-chlorobenzoyl) cyclohexane [2,1-d]pyrazolines as pesticides. International Journal of Pharmaceutical Science and Health Care, 5(4) 65-71, 2014.
- Tiwari, S. A. Kumar, P. Pathak, K.P. Singh, F. Ansari Nawseen. Novel synthesis of several substituted N-[2,4,5-triphenyloxozole-3(2H)-yl]benzamide and N-[(2-furyl)-4,5,-

- diphenyloxazole-3(2H)yl]benzamide as potential pesticides. International Journal of Current Research, 7 (01)11412-11416, 2015.
- Tiwari, S. S. K. Pratap, A. Kumar, P. Poonam, A. N. Fatima. Synthesis and Pesticidal Activities of Some 3, 5-Disubstituted Furothiazole-2-Thiones. Journal of Applicable Chemistry, 3 (6), 2372-2377, 2014.
- Tripathi, R. N. Jaiswal, B. Sharma, S.K. Malhotra (2015) Helminth Infections Mediated DNA Damage: Mechanisms and Consequences. Single Cell Biol 4: 117. doi:10.4172/2168-9431 1000117
- Tripathi, R. N. Jaiswal, B. Sharma, S.K. Malhotra (2015) Helminth Infections Mediated DNA Damage: Mechanisms and Consequences. Single Cell Biol 4: 117. doi:10.4172/2168-9431.1000117.
- Uraon, Dharmnath. Janjati Vikas: Ek Adhyan Sandarva Pachimi Chaparan, published in National Journal, Shodh Nikash, Kitab Publication, Muzaffarpur. [ISSN: 2249-4022].
- Uraon, Dharmnath, "Problems of Food Security among Oraon Tribes of West Champaran District of Bihar", published in International Journal, Future Fact Society, Varanasi, U. P. [ISSN:-2348-0076].
- Verma, Mukta. Food Security and Distribution Model for Rural Development I SBN, 978-93-83842-21-6 in Edited Book Rural Development in India a new perspective, Excel India publishers, New Delhi, 2014, P-188-190. (Research paper published in ISBN 978-81-921148-4-2 on cyber crime and cyber laws: Issues and challenges on October 2014.
- Verma, N. P. "Issues of Child Sex Selections" 'Vidhigya', Vol. 9, Jan.-June- 2014, ISSN: 0973 3825, pp. 0973-3825.
- Verma, N.P. The Tribal Rights Act: a Light in Tunnel AD VELOREM Vol.-2, Issue-2, April June: 2015, ISSN: 2348-5485 PP. 20-27.
- Verma, R. M. Yadav, A. Singh, P. Singh, R. Srivastava, N. Singh, F. Naaz, R. K. Singh (2014) Insilico studies on uracil analogues as NNRTIs against HIV-1. National Symposium on Chemistry at the Interface of Innovative Researches in Science Technology, Allahabad.
- Verma, S. D. Singh, V. Krishna, Equilibrium study and Stability Constants of Mixed Ligand Complexes of Biomolecule and Amino acids with Metal ions by Potentiometric method, Research Journal of Chemical Sciences, 2015, 5(3) 1-5.
- Verma, S.K. & A. Satanarayana, "Younger Generation Experiences: An Intergenerational Relational Perspective" In Vinod Chandra (Ed.) Childhood Realities of Abused and Working Children, Serial PublicationSingh, Pradeep Kumar, Paper entitled Impact of Global Economic Crisis on Services Exports in India: A Case Study of Software Services Exports, published jointly in The Indian Economic Journal-Journal of The Indian Economic Association, Emerging Trends in Trade and Capital Flows, Special Issue, December, 2014. ISSN: 0019-4662. 2015.
- Waseem, M.A. Shireen, A. Srivasatava, A. Srivastava, Rahila, I.R.Siddiqui, Tetrahedron let, 44, 6072-6076, 2014.
- Waseem, M.A. Shireen, A. Srivastava, A. Srivastava, Rahila, I.R. Siddiqui Water and ionic liquid synergy: A novel approach for the synthesis of benzothiazole-2(3H)-one, Journal of Saudi Chemical Society, 17, 3123-3137, 2014.
- Waseem, M.A. Shireen, Afaf. A. H. Abumahdi, A. Srivastava, A. Srivastava, Rahila, I.R.Siddiqui, Catalysis Communications, 55(5)70-73, 2014.

- Watal, G. P. Dhar, S. K. Srivastava, B, Sharma. Herbal Medicine as an Alternative Medicine for Treating Diabetes: The global burden. Evidence-Based Complementary and Alternative Medicine, In press, 2014.
- Yadav, A. K. L.D.S. Yadav, An unprecedented approach to the Gabriel amine synthesis utilizing tosylhydrazones as alkylating agents, RSC, 4, 34764-34767, Adv. 2014.
- Yadav, A. K. V.P. Srivastava, L. D. S. Yadav, An Easy Access to Unsymmetrical Ureas: A Photocatalytic Approach to the Lossen Rearrangement, RSC 4, 24498-24503, Adv. 2014.
- Yadav, A. K. & L. D. S. Yadav, Visible-light-promoted aerobic oxidative cyclization to access 1,3,4-oxadiazoles from aldehydes and acylhydrazides, Tetrahedron Lett. 55, 2065-2069, 2014.
- Yadav, A. K. and R.R. Yadav, An Investigation on the Effect of Nanostructuring on Mechanical and Ultrasonic Properties of Si/SixGe1-x Superlattice Nanowires, Adv. Sci. Letter (USA) 20, 1107-1111. 2014.
- Yadav, A. K. L.D.S. Yadav, Copper catalyzed γ-cyanation of aza-Baylis-Hillman adducts using TMSCN, Synlett 26, 1026-1030, 2015.
- Yadav, A. K. L.D.S. Yadav, Direct Construction of 2-Alkylbenzo-1,3-azoles via C-H activation of alkanes for CC and C-X (X = O, S) bond formation, Org. Biomol. Chem. 13, 2606-2611, 2015.
- Yadav, A. K. L. D. S. Yadav, Visible-Light-Driven Electrocyclization of Activated Allylic amines via azomethine ylide formation, Tetrahedron Lett. 56, 686-689, 2015.
- Yadav, A. K. V. P. Srivastava, L. D. S. Yadav, Metal-free one-pot oxidative conversion of aldehydes to primary thioamides in aqueous media, Synth. Commun. 44, 408-416, 2014.
- Yadav, A. K. V.P. Srivastava, L.D.S. Yadav, Visible-Light-Mediated Efficient Conversion of Aldoximes and Primary Amides into Nitriles, RSC Adv. 4, 4181-4186, 2014.
- Yadav, M. A. Singh, R. Verma, R. Srivastava, P. Singh, N. Singh, F. Naaz, R. K. Singh Computer aided designing of 4-Aryl-substituted benzimidazoles as NNRTIs against HIV-1. National seminar on Chemistry at the Interface of Innovative Researches in Science and Technology (CIIRST-14) organized by Department of Chemistry University of Allahabad, Allahabad, 2014.
- Yadav, M. G. Watal. A Novel Formulation as a Potent Antimicrobial Agent. National Symposium on Science and Technology for Human Development, Allahabad Chapter of Indian Science Congress Association at University of Allahabad, Allahabad, India held from March 14-15, 2015.
- Yadav, M. G. Watal. Enhanced Antibacterial and Anti-Inflammatory Activities of a Biherbal Formulation. 84th Annual Session of The National academy of sciences, India at Jai Narayan Vyas University, Jodhpur, Rajasthan held from Dec. 05-06, 2014.
- Yadav, M. G. Watal. Validation of Bioefficacy of Swertia Chirata Based on Qualitative Phytochemical Screening. 4th Biennial International Conference on New Developments in Drug discovery from natural products and traditional medicines, at NIPER, SAS Nagar, Punjab, India held from Nov. 20-22, 2014.
- Yadav, M. S. Chatterji, D. K. Yadav, A. Mubayi, G. Watal. Improved Antibacterial Efficacy of a Novel Formulation synergistic effect of herbs. International Journal of Pharmaceutical, Chemical and Biological Sciences, vol. 4, pp. 36–39, 2014.
- Yadav, M. S. Chatterji, S. K. Gupta, G. Watal. Preliminary Phytochemical Screening of Six Medicinal Plants Used in Traditional Medicine. International Journal of Pharmacy and Pharmaceutical Sciences, vol. 6, pp. 539–542, 2014.

- Yadav, P.S. D. K. Pandey S. Agarawal and B. K. Agrawal, Ab-initio Study of Structural & Electronic Properties of Zn m On (m+n+2 to 5) nanocluster, Quantum Matter 3 39-46, 2014.
- Yadav, R. P. 'Analyzing the LiF thin films deposited at Different Substrate Temperatures Using Multifractal Technique', Thin Solid Films 2014, 562, 126 131, Elsevier. 12 Apr 2014.
- Yadav, R. P. M. Kumar, A. K. Mittal, S. Dwivedi and A. C. Pandey, 'On the scaling law analysis of nanodimensional LiF thin film surfaces', Materials Letters 2014, 126, 123 125, Elsevier, 16 Apr 2014.
- Yadav, R. P. U. B. Singh, A. K. Mittal and S. Dwivedi, 'Investigating the Nanostructured Gold Thin Films using the Multifractal Analysis', Appl. Phys. A Materials Science and Processing2014, DOI 10.1007/s00339-014-8636-4, Springer, 17 Jul 2014.
- Yadav, R. K. S. Goswami and P.S. Yadav, Ab-initio Study of Structural, Electronic and Vibrational Properties of Si \times Ge \times (\times 4) Nanocluster, Phys. Express 4 8, 2014.
- Yadav, S. M. Srivastava, P. Rai, J. Singh, K. P. Tiwari, J. Singh, Visible light induced, catalyst free, convenient synthesis of chromene nucleus and its derivatives using water—ethanol mixture as a solvent, New J. Chem, Advance Article, DOI: 10.1039/C5NJ00002E, 2015.
- Yadawa, P. K. S. K. Verma, G. Mishra and R. R. Yadav, Effect of Elastic Constants on the Ultrasonic Properties of Group VIB Transition Metal Diborides, J. Nano. Adv. Mat. 2, No. 1, 1-9, 2014.
- Yadav, Dhananjai. Published a Research Paper Entitled "Use of Social Media in Professional Development of Teachers" in the Journal of Media Studies, ISSN: 0976-1322, Vol. 3, No. 1, Pages-55-62, 2014.
- Yadav, Dhananjai. Published a Research Paper Entitled "Exploring Teachers' Competencies to Ensure Education for Sustainable Development" in the Book entitled Emerging Dimensions of Higher Education Through Open And Distance Learning, ISBN: 978-93-82462-16-3, Pages- 43-54, 2014.
- Yadav, Saroj. Videshi Shikshhan Sansthao Kay Bharat Me Pravesh Kay Prati Snatak Star Kay Chhatra-Chhatrao Ki Abhivritti Ka Tulanatmak Adhyayan. In 'Shodh Shree', A Multi Disciplinary Research Journal. Jaipur, June 2014, 2(1) ISSN- 2277-5587 (joint).
- Yadav, S. N. Kohli, & V. Tiwari, Moral Decision Making of Business Managers in India. Journal of the Indian Academy of Applied Psychology, 41(3), 112-119, 2015.
- Yadav, Saroj. Inclusive Education for Children with Special Educational Needs. In Edited book-Education and Inclusion: A Paradox of Reality. School of Education and Training, Maulana Azad National and R. Kumar, Lambert Academic Publishing, Germany ISBN No. 978-3-659-60684-7, 2014.

Chapters in Book

- Chauhan, D.K. Role of Macronutrients in Plant Growth and Acclimation: Recent Advances and Future Prospective, Improvement of Crops in the Era of Climatic Changes: D.K.Tripathi, V.P. Singh, D.K. Chauhan, S.M. Prasad and N.K. Dubey, 197-216, 2014.
- Chauhan, D.K. Role of Silicon in Enrichment of Plant Nutrients and Protection from Biotic and Abiotic Stresses, Improvement of Crops in the Era of Climatic Changes: D.K. Tripathi, V. P. Singh, S. Gangwar, S.M. Prasad, J.N. Maurya and D.K.Chauhan, 39-56, 2014.

- Dalal, A. K. A New Paradigm for Integrated Primary Health Care Planning. In Urmi Nanda Biswas (Ed.), Social Psychology of Health: Issues and Concerns in India. New Delhi, 52-70, 2014.
- Dikshit, Anupam. Interactions of Nanoparticles (NPs) with Plants: An Emerging Prospective in Agriculture Industry. P Ahmad (Ed): Emerging Technologies and Management of Crop Stress Tolerance: V. Mishra, R.K. Mishra, A. Dikshit and A.C. Pandey, Volume 1. DOI: http://dx.doi.org/10.1016/B978-0-12-800876-8.00008-4 Elsevier Inc. 2014.
- Dikshit, Anupam. Waste Product of Horticultural Crop as a Potential Source for the Management of Water Borne Bacterial Pathogens: A Case Study with Citrus Aurantifolia (Christem & Panzer): A. Kumar, A.C. Shukla, R. Gupta, L. Fanai, R. K Mishra and A. Dikshit, Westville Publishing House, New Delhi, ISBN 978-81-85873-97-8 pp- 459-468, 2014.
- Dikshit, Anupam. Bioefficacy of Cinnamomum tamala as a Potential Source for the management of water borne bacterial pathogens. In "Environment, Biodiversity and Traditional System" (eds) D.R. Khanna, G.S. Solanki and S. K. Pathak,; A.C. Shukla, A. Kumar, R.K. Mishra, A. Pandey and A. Dikshit, Publisher Biotech Books, New Delhi. ISBN 978-81-7622, pp 323-332, 2014.
- Dikshit, Anupam. In Vitro Antibacterial Activity of Ethno Medicinally Used Lichens Against Three Wound Infecting Genera of Enterobacteriaceae: A. Pathak, S.K. Shukla, A. Pandey, R. K. Mishra, R Kumar and A Dikshit. http://link.springer.com/article/10.1007%2Fs40011-015-0540-y, 2015.
- Dwivedi, A, A. K. Mittal and S. Dwivedi. Chaotic Communication Using Pecora Carroll Complete Replacement and Parameter Modulation without Controller, SCES 2014, pp. 1-4, doi: 10.1109/SCES.2014.6880060, ISBN: 9781479949403, IEEE Publications, 2014.
- Dwivedi, A, A. K. Mittal and S. Dwivedi. Secure Communication Using Four-Wing Hyper-Chaotic Attractor, J. Lloret Mauri et al. (Eds.): SSCC 2014, CCIS 467, 346-355, Springer, Heidelberg, 2014
- Dwivedi, S. B. N. Goswami and F. Kucharski. Unraveling the missing link of ENSO Control over the Indian Monsoon Rainfall, Geophysical Research Letters, 42, doi:10.1002/2015GL065909, 2015.
- Farneti, R. S. Dwivedi, F. Kucharski, F. Molteni and S.M. Griffies. On Pacific Subtropical Cell Variability over the Second Half of the Twentieth Century, J. Climate, 27, 7102-7112, 2014.
- Khattri, P. and P.C. Joshi. Biomedicalization and Gandhi's Vision of Health: Observations from Sevagram. Economic and Political Weekly. Volume L. No.10 March 7. Pp- 53-58, 2015.
- Khattri, P. Health and Tribes in India: Reflection on Critical Issues and Problems. In K.N. Dash (ed.). Health and Tribes in India: Challenges and Opportunities. Sarup Publishers, New Delhi, 2015.
- Joshi, P.C. and P. Khattri Importance of Disaster Risk Reduction. World Focus. Volume XXXV. Number 7, 2014.
- Kar B. R. (2014). Learning disability: Issues and concerns with implications for social policy. In R.C. Tripathi and Yoganand Sinha (Eds.), Social Policy in India: Searching for Psychological Coordinates. Springer.
- Raffone, A., Srinivasan, N., & Barendregt, H. P. (2014). Attention, consciousness and mindfulness in meditation. In N. Singh (Ed.), Psychology of Meditation. New York: Nova Science Publications.

- Kar, B. R. & Kar, B. C. (2014). Forensic Neuropsychology: Mapping brain and behaviour, In Y.K. Nagle, K. Srivastava, and A. Gupta (Eds.), Handbook of Forensic Psychology. England: Author house.
- Kehri, H. Efficacy of AM fungi in improving petroleum content of Calotropis procera under stressed soil condition: H K Kehri, R Dubey, R P Narayan and A P Singh, Journal of Indian Botanical Society 93 (1&2), 60-68, 2014.
- Kehri, H. Arbuscular mycorrhizal status of the plants growing in the alkaline/sodic soils of Pratapgarh, Allahabad, Uttar Pradesh: H K Kehri, V Khare, A P Singh and R Mishra, Annals of Plant Sciences 3(8), 783-791, 2014.
- Hopkins, N., Stevenson, C., Shankar, S., & Pandey, K. (2014). Being together at the Kumbh Mela. The social psychology of crowds and collectivity.
- Palmiero, M., & Srinivasan, N. (2015). Creativity and spatial ability: A critical review. In J. Manjaly & B. Indurkhya (Eds.) Cognition, Experience, and Creativity. New Delhi: Orient Blackswan.
- Kumar, Girjesh. Cytogenetic analysis of induced translocation heterozygote in Trachyspermum ammi (L.) Sprague: G Kumar and H Dwivedi, Cytologia 80(3), 2015.
- Kumar, Girjesh. Genotoxic and mito-depressive effects of food preservatives on root meristems of Barley (Hordeum vulgare L.): G.Kumar and A Pandey, Chromosome Botany 10(2), 51-60, 2015.
- Kundu, A. S. Dwivedi, and V. Chandra. Precipitation Trend Analysis over Eastern Region of India Using CMIP5 Based Climate Models, Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci., XL-8, 1437-1442, 2014.
- Mittal, A. K. A. Dwivedi and S. Dwivedi. Parameter Adaptation Technique for Rapid Synchronization and Secure Communication, European Physical Journal Special Topics (EPJ ST), 223 (8), 1549-1560, doi: 10.1140/epjst/e2014-02117-y, 2014.
- Mittal, A. K. A. Dwivedi and S. Dwivedi. Secure Communication Based on Chaotic Switching and Rapid Synchronization Using Parameter Adaptation, Int. J. of Innovative Computing Information and Control, 11, 569-585, 2015.
- Mittal, A.K. A. K. Mittal, U. Singh, A. Tiwari, S. Dwivedi, M. K. Joshi and K. C. Tripathi. Short-term Predictions by Statistical Methods in Regions of Varying Dynamical Error Growth in a Chaotic System, Meteorology and Atmospheric Physics, 127, 457-465, 10.1007/s00703-015-0375-3 2015.
- Mishra, Shailendra Kumar. Mukhopadhyay S, N. Ganguly, S.K. Mishra. Body weight concerns among urban adolescent girls: A micro level study. Journal of Anthropology. Article ID 264925, 6 pages. http://dx.doi.org/10.1155/2014/264925, 2014.
- Mishra, Shailendra Kumar. P. Mukherjee, S.K. Mishra, S. Ray. Menstrual Characteristics of adolescent athletes: A study form West Bengal, India. Collegium Anthropologicum. 38 (3): 917-923, 2014. [Croatian Anthropological Society; Impact factor: 0.69]
- Moharana, K. C. Women's Control and Autonomy. In Women and Social Structure (MWG-009).Pp.220-234, New Delhi: Indira Gandhi National Open University, 2014. ISBN: 978-81-266-6796-3.
- Moharana, K.C. Political Economy of Women. In Women and Social Structure (MWG-009). Pp.252-265, New Delhi: Indira Gandhi National Open University ISBN:978-81-266-6796-3., 2014.

- Moharana, K.C. Women's Voice and Struggle. In Women and Social Structure (MWG-009). Pp.282-296, New Delhi: Indira Gandhi National Open University, 2014. ISBN:978-81-266-6796-3.
- Parghi, Raju. "The Invisible Reality and Unheard Sighs of Twins: A Critical Evaluation of Mahesh Dattani's Tara". Child Studies: Children in English Literature. Ed. Sister Marie Jessie A C. New Delhi: Rajesh Publication, 2015. 144-151. (ISBN- 978-93-83684-14-4).
- Paudey, D. Thakur, J.K. Sudhir Kumar Singh, P.K Srivastava Soil Characterization Based on Land Cover Heterogeneity over a Tropical Landscape: An integrated approach using Earth Observation datasets Geocarto International, Doi.org/10.1080/10106049.2014.905639. 2014.
- Purkait, Ruma. External Ear as an aid to Personal Identification: A commentary Indian J Phys Anthrop Human Genetics, 33(2), 2015.
- Prasad, S. M. Role of Macronutrients in Plant Growth and Acclimation: Recent Advances and Future Prospective, Improvement of Crops in the Era of Climatic Changes: D. K. Tripathi, V. P. Singh, D. K. Chauhan, S. M. Prasad and N. K. Dubey, 197-216, 2014.
- Prasad, S. M. Role of Silicon in Enrichment of Plant Nutrients and Protection from Biotic and Abiotic Stresses, Improvement of Crops in the Era of Climatic Changes: D. K. Tripathi, V. P. Singh, S. Gangwar, S. M. Prasad, J N Maurya and D K Chauhan, 39-56, 2014.
- Prasad, S. M. Proline and salinity tolerance in plants: M. Singh, J. Kumar, S. Singh, V. P. Singh and S. M. Prasad, Biochemistry & Pharmacology (Los Angel) 3, 170-171, (Editorial, Omics Publication), 2015.
- Prasad, S. M. Plant tolerance mechanism against salt stress: The Nutrient Management Approach: M. Singh, J. Kumar, V. P. Singh, S. M. Prasad and M. P. V. V. B. Singh, Biochemistry & Pharmacology (Los Angel) 4, 165-166, 2015 (Omics Publication).
- Prasad, S. M. Adaptation strategies of plants against heavy metal toxicity: a short review: M. Singh, J. Kumar, V. P. Singh and S. M. Prasad, Biochemistry & Pharmacology (Los Angel) 4, 161-168, 2015 (Editorial, Omics Publication).
- Prasad, S. M. Plant tolerance mechanism against salt stress: The nutrient management approach: M. Singh, J. Kumar, V. P. Singh and S. M. Prasad, Biochemistry & Pharmacology: Open Access 3: e165. doi:10.4172/2167-0501.1000e165 2014 (Omics Publication).
- Prasad, S. M. Effect of salt stress on nutritional value of vegetables: S. M. Prasad, P. Parihar and V. P. Singh, Biochemistry & Pharmacology: Open Access 3: e160. doi:10.4172/2167-0501.1000e160 2014 (Omics Publication).
- Sahoo, P. K. and S. Chandra. A Study Of Relationship between Learning Styles and Academic Achievements of CBSE Board Intermediate Students, Communicated to NCTE, New Delhi, 2015
- Satyanarayana, A. and Sanjay. 'Does Indebtedness lead to suicides?' in Ishwar Modi (ed) Politiy, Civl Society and Development, Jaipur: Rawat Publications, 2014.
- Saxena, Ashish. 'Agrarian Society, Economic Reforms and the Concerns for Marginals: Opportunities and Challenges from Rural India' in K.N.Bhatt & Pradeep Bhargava (eds.), Agrarian change and small farmers Super markets, Viability and Food policy, Concept Publishing Company, New Delhi, 2014.

- Saxena, Ashish. "Globalization and the Transnationalism of 'Dalit' identity: Probings from modern India" in Ajaya K. Sahoo & J.G. Kruijf (eds.), Indian Transnationalism Online, Ashgate Publishing Company, England, 2014.
- Saxena, Ashish. "Dynamics of economic reforms and revamping rural India: Opportunities and Challenges" in Ishwar Modi (eds.), Polity, Civil Society and development, Rawat Publisher, Jaipur, 2014.
- Saxena, Ashish. "Movement towards the Green Pilgrimage: Mapping environmental sanitation issues in Kumbh Mela at prayag" in Bindeshwar Pathak (eds.), Sociology of Sanitation Environmental sanitation, public health & social deprivation, Kalpaz Publisher, Delhi, 2015.
- Shahi, N. K. Shailendra Rai and D. K. Pandey, Prediction of daily modes of South Asian Monsoon variability and its association with Indian and Pacific Ocean SST in the NCEP CFS V2, Meteorol. Atmos. Phys., DOI 10.1007/s00703-015-0404-2, 2015.
- Singh, Sudhir Kumar. S.k. Mustak, P.K. Srivastava, Szabó S, Islam T Predicting Spatial and Decadal LULC Changes Through Cellular Automata Markov Chain Models Using Earth Observation Datasets and Geo-information. Environ, Process. DOI10.1007/s40710-015-0062-x. 2015.
- Singh, Sudhir Kumar. A.C. Pandey, D. Singh. Land Use Fragmentation Analysis Using Remote Sensing and Fragstats. Remote Sensing Applications to Environmental Research, Chapter 9. DOI 10.1007/978-3-319-05906-8_9, 2014.
- Singh, Sudhir Kumar. P. Gautam, S.K. Appraisal of urban lake water quality through numerical index, multivariate statistics and earth observation data sets Int. J. Environ. Sci. Technol. DOI 10.1007/s13762-015-0850-x, 2015.
- Singh, Sudhir Kumar. P. K. Srivastava, D. Singh, D. Han, S.K. Gautam, A.C. Pandey. Modeling Groundwater Quality Over a Humid Subtropical Region using Numerical Indices, Earth Observation Datasets, and Xray Diffraction Technique: A Case Study of Allahabad District, India. Environ Geochem Health. DOI 10.1007/s10653-014-9638-z, 2014.
- Srivastava, A. S. Dwivedi, A. Mishra, बंगाल की खाडी में समुद्र सतह के तापमान एवं अन्य समुद्री चर राषियों का मिश्रित समुद्री हवा बल के प्रयोग के माध्यम से अध्ययन Indradhanush, 10, 22-26, 2014.
- Siddiqui, A.R. Progress of Desert Development Studies in India In Holistic Development- A Geographical Perspective. Eds. K. N. Singh & N. K. Rana. New Delhi: Radha Publication, pp 305-318. 2014.
- Siddiqui, A.R. Evaluation of Risk of Desertification Hazards Thorough Hydro-Meteorological Characteristic in Western Rajasthan in Natural Resources Conservation and Food Security. Ed. V.P.Sati, Gwalior BSMPS publisher, Dehradun, 2014.
- Siddiqui, A.R. Evaluation of Risk of Land vulnerability through Edaphic Characteristics using Geospacial approach, The Geographer A.M.U Aligarh Vol 60, No.2 July 13, 2014.
- Shukla, D. N. Physico-chemical properties and Correlation Co-efficient of River Ganga at Allahabad: D. Raghuvansi, H. Singh, R. Pandey, B. Tripathi and D. N. Shukla, Bulletin of Environment, Pharmacology and Life Sciences 3(3), 233-240, 2014.
- Shukla, D. N. Studies on prevalence and identification of new races of Fusarium moniliforme
 Sheldon incident of Pokkah Boeng disease from Uttar Pradesh: D. D. Sharma, Y. P. Bharti, P.
 K. Singh, D. N. Shukla and A. Kumar, Global Journal of Biology, Agriculture and Health
 Sciences 3(2), 53-61, 2014.

- Szabo, G. Sudhir Kumar Singh, Szabo S Slope Angle and Aspect as Influencing Factors on the Accuracy of the SRTM and the ASTER GDEM Databases. Physics and Chemistry of the Earth, Parts A/B/Cdoi:10.1016/j.pce.2015.06.003. 2015.
- Thakur, J. K. J. Diwakar, Sudhir Kumar Singh Hydrogeochemical evaluation of groundwater of Bhaktapur Municipality, Nepal Environ Earth Sci, DOI 10.1007/s12665-015-4514-4. 2015.
- Verma, S.K. & A. Satanarayana, "Younger Generation Experiences: An Intergenerational Relational Perspective" In Vinod Chandra (Ed.) Childhood Realities of Abused and Working Children, Serial Publication, 2015.
- Yadav, R. P. M. Kumar, A. K. Mittal, S. Dwivedi and A. C. Pandey, On the Scaling Law Analysis of Nano Dimensional LiF Thin Film Surfaces, Materials Letters, 126, 123-125, 2014.
- Yadav, R. P. S. Dwivedi, A. K. Mittal, M. Kumar and A. C. Pandey. Analyzing the LiF Thin Films Deposited at Different Substrate Temperatures using Multifractal Technique, Thin Solid Films, 562, 126-131, 2014.
- Yadav, R. P. T. Kumar, A. K. Mittal, S. Dwivedi and D. Kanjilal. Fractal Characterization of the Silicon Surfaces Produced by Ion Beam Irradiation of Varying Fluences, Applied Surface Science, 347, 706-712,10.1016/j.apsusc.2015.04.150, 2015.
- Yadav, R. P. U. B. Singh, A. K. Mittal and S. Dwivedi. Investigating the Nanostructured Gold Thin Films Using the Multifractal Analysis, Applied Physics A, 117, 2159-2166, doi:10.1007/s00339-014-8636-4, 2014.

Books Published/Edited

- Adhikari, S. (Ed.), India's Security Interest in her Neighbourhood. New Delhi: Pentagon Press, 2015.
- Adhikari, S. (Ed.), South Asia: Traditional and Non-traditional Security. New Delhi: Pentagon Press, 2014.
- Adhikari, S. & S. Bhadauria (Eds.), India's National Security in the 21st Century. New Delhi: Pentagon Press, 2014.
- Agrawal, S. C. Basic Phycology. S. C. Agrawal, B. Singh and M. P. Singh, ISBN: 978-81-211-0870-6, 393, 2015.
- Agarwal, Smita. Mofussil Notebook. Poems, Smita Agarwal, Calcutta: Brown Critique/Sampark, 2014.
- Agarwal, Smita. Marginalized: Indian Poetry in English, ed. Smita Agarwal, New York and Amsterdam: Rodopi, 2014.
- Dalal, A. K. Health Beliefs and Coping with Chronic Diseases. New Delhi: Sage India.
- Dikshit, Anupam. Nanoparticles with Special Reference to Antimicrobial Action: A Dikshit, 2015.
- Dubey, Alok. Delineation of Soil Types in Bata Basin, National Geography. Usha, Mishra, Shiksha Ka Samajshashtra, Anubhav Publishing House, Allahabad, 2014.
- Hafeez, Neelofar. Maqalat-e- Adabi, Published by Mishkat Printers and Publishers, Aligarh, (ISBN: 978-93-84354-29-9), 2014.
- Kumar, Prahalad. Written a Foreword for a book Mehtanomics Ek Nayi Arthik Soch, by Dr B.B. Tiwari Published by Kunal Books, New Delhi, 2015.

- Kumar, Prahalad. Written a Forword for a book on Financial Inclusion, Edited by Dr. A.k. Tomar, Dr. Indu Varshney & Dr. Shobha Jain, Published by Kunal Books, New Delhi, 2015.
- Misra, G. & Dalal. A. K. (Editors) Psychology for India: Select Essays of Professor Durganand Sinha. New Delhi: Sage India, Misra, Karuna Shankar, Spiritual Intelligence Scale Agra: National Psychological corporation. 2015.
- Mishra, Usha. Paryavaran Shiksha, Anubhav. Allahabad: Publishing House, 2014.
- Priya, Ravi & A. K. Dalal. Qualitative Research on Well-Being and Self-Growth: Contemporary Indian Perspectives. New Delhi: Routledge, 2015.
- Roy, Anamika. Sixty-Four Yoginis: Cult, Icon and Goddesses by Primus Publications. 2015.
- Saxena, Ashish. Sociology of Sanitation: Themes and Perspectives. Kalpaz Publisher, New Delhi (unit of Gyan Publication) on behalf of Sulabh International Centre for Action Sociology, New Delhi: (ISBN 978-93-5128-145-0) 2015.
- Singh, Pradeep Kumar. "Global Economic Recession and Emerging Economies: A Case Study of India". Published jointly in a book International Business- The Emerging Global South and Asian Economic Order. Edts. Dr. S. Veeramani & Dr. Taufeeque A. Siddiqui, Excel India Publishers, New Delhi. ISBN: 978-93-83842-80-3. 2014.
- Shukla, D. N. Plant, The Green Signal of Existence (Voll. II), ISBN-978-81-926202-9-9, Publisher-Rahula Press 2014.
- Shukla, D. N. Paryavaran Adhyyan (Ed. II) New Delhi: Biotech Books, ISBN 978-81-7622-325-6 2014.
- Shukla, D.N. Kashi Ki Ganga. ISBN- 978-81-926202-4-4. Allahabad: Durga Pustak Bhandar, 2014. Shukla, D.N. Jivandayini Ganga. Allahabad: Durga Pustak Bhandar, 2015.

Book Reviews

- Kumar, Prahlad. Recorded a Talk for Akashvani, Allahabad on the topic Udhyogo Me Udyamshilta in February 2015.
- Khattri, Prashant. Dev Nathan and Virginius Xaxa (eds.). 2012. Social Exclusion and Adverse Inclusion: Development and Deprivation of Adivasis in India. New Delhi. Oxford University Press. Review in Indian Anthropologist. July-December, Volume 44. No.2, 2014.
- Mani, D. Genome Evam Genomiki, First Edition. New Delhi: Prabhat Prakashan, 2014.
- Tripathi, Rashmi. Neeshma Jaiswal, B. Sharma and Sandeep K. Malhotra. Helminth Infections Mediated DNA Damage: Mechanisms and Consequences. Single Cell Biology, USA. 4:117 doi10.4172/2168-9431.1000117. 2015.