

RESEARCH PUBLICATIONS OF THE FACULTY

- Adhikari S (2015) Maoist Insurgency in India and Nepal : An Analysis. India Security Interest in her neighborhood Pentagon Press, New Delhi :195-208, (ISBN : 978-81-8271-848-4).
- Adhikari S (2015) (Ed.) India's Security Interest in her Neighbourhood. Edited Volume. Pentagon Press, New Delhi, (ISBN : 978-81-8271-848-4).
- Adhikari S (2016) Indo-Nepal Relations; Problems & Prospects. South Asia Defence & Strategic perspective, Vijay Sakhuja (Ed.), Pentagon Press: 91-104 (ISBN 978-81-8274-888-0).
- Adhikari S (2015), The Emerging Patterns in India-Pakistan. India's Security Interest in Her Neighbourhood New Delhi: Pentagon Press.
- Adhikari S, One Year of Modi's Foreign Policy India's Security Interest in Her Neighbourhood Pentagon Press, New Delhi.
- Adhikari S, South Asia: A Unique Region and Modi's Priority South Asia: Traditional and Non-Traditional Threats. Pentagon Press, New Delhi.
- Agarwal P (2015), Impact of European Adventurers on Maratha Military System. Journal for Peace Security and Development Studies XXI: 6-32 (ISSN 2229-6069).
- Agarwal P (2015) Role of ICT in Higher Education. Journal of Media Studies V : 98-105 (ISSN 0976-1322).
- Agarwal P (2015) India's Current Defence Preparedness. Indian Journal of Strategic Studies XXXIII:76- 88 (ISSN 0973-9386).
- Agarwal P, Cyber Revolution and its Impact on Terrorism. Cyber War. Social Media & National Security, Agarwal, P. (Ed.), Anubhav Publishing House:148-154 (ISBN: 978-93-80134-74-1).
- Agarwal S and Singh MP (2015) Oyster mushroom: An effective tool of bioremediation and sustainable development, Insight 2: 14-25.
- Agarwal V, Autonomy for Educational Institution, Issues, Challenges and significance. Journal University News, AU. 53 (03)(ISSN-0566-2257).
- Aggarwal P, Grover A, Singh S, Maqbool Z, Pammi V.S.C., Dutt V (2015) Cyber Security: A game-theoretic analysis of defender and attacker strategies in defacing-website games. Proceedings of IEEE conference on International Conference on Cyber Situational Awareness, Data Analytics and Assessment (CyberSA 2015), 1-8 (ISBN: 9781467367974) (DOI: 10.1109/CyberSA.2015.7166127).
- Agrawal B (2015). Saundarya Prasadhano ka Rasayan Vigyan (Chemistry of Cosmetics) published Under the Anusrijan Scheme by AISECT University Bhopal, Madhya Pradesh, (ISBN No.: 978-93-81358-32-0).
- Agrawal B (2016) A Review on Antidiabetic Potential of Pterocarpus marsupium Natural Resource Management for Sustainable Agriculture & Rural Development', Editors: Hemlata Pant & Manoj Kumar Singh, Published by Society of Biological Sciences and Rural Development, Allahabad, p 219-225 (ISBN: 978-81-923494-8-0. 2016).
- Agrawal B (2015). Saundarya prasadhan evam unka rasayan vigyan. In: Vigyan Shatabdi Smarika (1915-2015), Editor: Dr. Shiv Gopal Mishra, published by Vigyan Parishad Prayag, Allahabad, 104-107.
- Agrawal B (2016) Cymbopogon citrasus: An overview on its Antioxidant Activities. In: 'Role of Antioxidants in Health and Disease Prevention' Editors: Archana Pandey & Babita Agrawal, Published by Anubhav Publishing House, Allahabad, ISBN No.: 978-93-80134-75-8. (in press)
- Agrawal S and Agrawal B (2016) Antioxidant Minerals: Selenium, Copper and Zinc. In: 'Role of Antioxidants in Health and Disease Prevention' Editors: Archana Pandey & Babita Agrawal, 221-232, Published by Anubhav Publishing House, Allahabad (ISBN No.: 978-93-80134-75-8).
- Agrawal, UR and Malviya, S (2016). Threat to Frog Population: A Challenge to Environmental Disbalance. In: Trends in Biodiversity. (edited by R.C.Sobti, K.Jaiswal and S.Mishra). Proceeding of International Symposium on Biodiversity. Chapter 15, 143-148 (ISBN: 978-93-84337-65-0).
- Akhtar J (2016), Impact of Agriculture on Environment: Current trends, Prospects and Opportunities. Towards A Green Future, held on Feb 5-6, by Dept. of Economics, University of Allahabad.

- Ali M(2015) Acharya Ramchandra Shukla kee Sahiyeetihas drishti kya Hinduvade hai, Vartman Sahitya.
- Ali M, (2015)Kya Bhartendu Muslim Virodhi the, Vartman Sahitya.
- Astalin PK, e-learning in Higher Education. E-learning : A modern Approach to digital India, Bharti Publisher, New Delhi Edited by Minakshi Viswal (ISBN: 978-93-8500-41-6PP 85-92).
- Astalin PK, Autonomy in Teacher Education. Shaikshiki: An International Research, 02, 36-39 (ISSN: 2394-19X).
- Astalin PK, Inclusive Classroom: A Dynamic Concept having many challenges in its implementation in Indian. Energizing Inclusive Education(ISBN:978818274-884-2).
- Bajpai M, Yadav N, Kumar S, Srivastava R and Dhar R(2016) Incorporation of liquid crystalline triphenylene derivative in bulk heterojunction solar cell with molybdenum oxide as buffer layer for improved efficiency. Liquid Crystals.10: 1366-5855 (ISSN 1080/02678292.2016.1149239).
- Bajpai M, Yadav N, Kumar S, Srivastava R and Dhar R (2016) Bulk heterojunction solar cells based on self-assembling disc-shaped liquid crystalline material. Liquid Crystals 43, 305, 1366-5855.
- Bandyopadhyay D, Srinivasan N, Pammi VSC (2015)Differential effects of Irrelevant Emotional Context on Regret and Rejoice. Journal of A Behavioural Economic Investigation of Decision Making under Risk Psychological Studies 60(3), 249-256, (ISSN 0033-2968, DOI: 10.1007/s12646-015-0314-x).
- Baranwal V, Gerlach J. W., Lotnyk A., Rauschenbach B., Karl H., Ojha S., Avasthi D. K., D. Kanjilal, Pandey C Avinash., 2015: Embedded Ge nanocrystals in SiO₂ synthesized by ion implantation, J. Appl. Phys. 118, 134303.
- Basommi LP, Guan Q, Cheng D, Singh SK (2016) Dynamics of land use change in a mining area: a case study of Nadowli District, Ghana. Journal of Mountain Science 13 (DOI: 10.1007/s11629-015-3706-4).
- Begum, N and Pandey RS (2015) Impact of Calotropis procera and Annona squamosa alcoholic extracts on phosphatase and transaminases activity in Musca domestica. Natl.Acad. Sci. Lett.
- Bhadauria S (2015) Challenges for Energy Cooperation in South and Central Asia.Indian Journal of Strategic Studies XXXIII: 41- 53 (ISSN 0973-9386).
- Bhadauria S (2015) Challenges for Energy Cooperation in South and Central Asia.Proc. Cooperative Development, Peace and Security in South and Central Asia. Centre for Research in Rural and Industrial Development (CRRID), Chandigarh on 30 Sept- October 1.
- Bhadauria S (2015) Global Terrorism: UN and its Policies, Cross Border Terrorism: Biggest Threat to India's Security". Rajvir Singh (Ed.), Satyam Publishing House, New Delhi: 129-135 (ISBN: 978-93-83754-53-3).
- Bhadauria S (2015) India's Strategic Imperative in the South Pacific. Proc. Re-conceptualising India's Foreign Policy: Emerging Challenges and Opportunities. Dept. of Political Science, Banaras Hindu University, Varanasi, April 30-May 1.
- Bhadauria S (2015) Power Struggle between India and China. India's Security Interests in her Neighbourhood, Shekhar Adhikari (Ed.), Pentagon Press, New Delhi: 124-136 (ISBN : 978-81-8271-848-4).
- Bhadauria S (2016) Present Crisis in West Asia with special emphasis to ISIS. Proc. Security Dynamics in West Asia and Turkey. Dept. of International Affairs, Zirve University, Turkey and Dept. of Civics and Politics, Mumbai University, Mumbai, February 1 to 3.
- Bhadauria S (2016) Rashtriya Suraksha Punarlok Aur Bhartiya Suraksha Prabandhan. Samsamyik Bharat Ki Videsh Niti Dr. S. K. Mishra (Ed.) , Authors Press, New Delhi: 22 - 33 (ISBN:978-93-5207-165-4).
- Bhattacharya SS, Roy A, Mukherjee A and Rahaman R (2015) All-versus-nothing violation of local realism from the Hardy paradox under no-signaling; Physical Review A; 92, 012111, (ISSN: 2469-9926 (print) 2469-9934 (online) 1538-4446 (CD-Rom)).
- Chaubey RK, 'सूचना का अधिकार' Central Law Agency.
- Chaudhary, D K (2015) Nanostructuring of zinc phthalocyanine thin films for single junction organic solar cells. DAE-solid states physics symposium, 24-25.
- Chauhan A S, Kumar A, Siddiqi N J and Sharma B. (2015) Extracellular α -Galactosidase from Trichoderma sp. (WF-3): Optimization of Enzyme Production and Biochemical Characterization'. Journal of Biotechnology research international.

- Chauhan B and Baranwal M (2016) भारत का राष्ट्रीय आंदोलन (एक विहंगमावलोकन) Vol II ज्ञान सदन पब्लिके न, इलाहाबाद (ISBN No.: 978-81-932542-1-9)
- Chauhan P, Mahajan S, Kulshrestha A, Shrivastava S, Sharma B (2015) HM Goswamy and GBKS Prasad Bougainvillea spectabilis Exhibits Antihyperglycemic and Antioxidant Activities in Experimental Diabetes'. J Evidence-based complementary & alternative medicine 1-9 (DOI: 10.1177/ 2156587215595152).
- Chauhan SK (2015) Executive editor, Bioherald: 'An international journal of Biodiversity and Environment (ISSN 2248-9061).
- Das B (2015) Complexity of India-Pakistan Relations. Journal for Peace Security and Development Studies XXI: 33-40 (ISSN 2229-6069).
- Das B (2015) Proliferation of Small Arms in South Asia. Indian Journal of Strategic Studies XXXIII: 98- 110 (ISSN 0973-9386).
- Das S Polymers in Agriculture : A Boon for Farming, Natural Resource Management for Sustainable Agriculture and Rural Development, Published by Society of Biological Sciences & Rural Development 10/96, Gola Bazar, New Jhusi, Allahabad (ISBN No.- 978-81-923494-0-4).
- Das S (2015) Jalvayu Parivartan : Vaishvik Paryavaran Par Prabhav, CURE –Environmental Bulletin-2015, XXI, 13-16, (ISSN- 2319-1333).
- Deenanath (2015) इंटरनेट और हिंदी, लोकभारती प्रकाशन इलाहाबाद
- Deenanath (2015) कवीर-कल आज और कल, सम्मेलन पत्रिका इलाहाबाद पेज 49-55 (ISSN- 2278-1773)
- Deenanath (2015) हरिऔध वाया प्रियप्रवास: एक विलेक्षण, हिन्दुस्तानी पत्रिका इलाहाबाद अक्टूबर-दिसम्बर 2015 1st 143&147 (ISSN- 0378-391X)
- Deenanath (2016) बौद्ध धर्म और बहनजी एक पुनरावलोकन जनवरी-जून पेज 45-49 सर्चलुक पत्रिका सोनभद्र (ISSN- 2349-5146).
- Deo S, Ansari IA (2016) The Axisymmetric Stokes flow past a swarm of porous cylindrical shells. Journal of Applied Fluid Mechanics, Vol. 9, no. 2, 957-963 (ISSN: 1735-3572).
- Deo S (2015) Fields Medals: Brief introduction in Hindi, Anusandhan', 3 (1), 136-137 (ISSN: 2322-0708).
- Dhaval A, Yadav N and Purwar S (2015) Potential applications of food derived bioactive peptides in management of health. International Journal of Peptide Research and Therapeutics, Springer Publication, Journal No-10989 (ISSN No. 1573-3904).
- Dhawan PK (2015) Improved photovoltaic performance of small molecular solar cells via geometrical rearrangement of active materials, Communicated applied physics.
- Dixit K, Singh S K, Rahman M A, Upadhaya AN and Sundaram S (2015) Irradiance effect on microalgae by dual-modulation kinetic fluorometer in terms of quantum yield. Indian Journal of Natural Sciences, 5: 29.
- Dixit M (2015) Bhaarteey Sahitya mein ram kath', Anusandhan samanvay patrika' (ISSN : 2348-7933).
- Dubey R, Human rights attitude among prospective teachers. International journal of Educational Research Studies, 1 (3) (ISSN-2454-5554).
- Dubey R, Practice Teaching during teacher training programme Problems & suggestions. Research & Studies, 67() (ISSN-0084621).
- Dutta R, Pandey AC (2015): Gadolinium metallo nanocongregates as potential magnetosensors for detecting early stage cancers". Applied Physics Letters, 106, 173701.
- Dutta R and Pandey AC (2015): The Applicability of Rare Earth Gadolinium Oxide Nanoparticles for Biomedical Applications" Nanosci Technol, 2, 1-6.
- Dwivedi C, Pandey H, Pandey AC, Ramteke PW (2015): Fabrication of gentamicin loaded novel bioactive nanofibrous scaffolds immobilized with epidermal growth factor for quick wound healing" Nanotechnology: Novel Prospective and Prospects, McGraw Hill Education (India Private Ltd). (ISBN: 93-392-2109-5)
- Dwivedi S (2015), Goswami BN and Kucharski F, Unraveling the missing link of ENSO Control over the Indian Monsoon Rainfall, Geophysical Research Letters, 42 (DOI :10.1002/2015GL065909).

- Fatima A, and Srivastava S (2015) Development and comparative nutritional analysis of Spirulina fortified cookies for malnourished children and women. *International journal of Applied Home Science*, 2 (3 &4): 107-113(ISSN–2394-1413).
- Fatima M and Rizvi SI (2015) Anti Oxidative Effect of Black Tea Theaflavin on Erythrocytes Subjected to Oxidative Stress'. *National Academy Science Letters* 38 (1), 25-28
- Gupta A, Yadav N (2015) Development of Value added Products from Unexploited Indian Crops. Lambert Academic Publishing (ISBN 978-3-659-40431- (B)).
- Gupta A, Sushila V, Sheikh S, Prasad R, Yadav N (2015) Development of micronutrient rich food product by using indigenous coarse grains and green leafy vegetables. *International Journal of Food and Nutritional Science*, 4(4):109-111.
- Gupta R and Srinivasan N. Only irrelevant sad but not happy faces are inhibited under high perceptual load. *Cognition and Emotion*, 24, pp. 747-754 (ISSN: 0269-9931).
- Gupta VK, Sharma B(2016) Modulations of mammalian brain functions by antidepressant drugs: role of some phytochemicals as prospective antidepressants. *Journal of Evidence Based Medicine and Practice* (In Press).
- Gupta VK, Singh S, Agrawal A, Siddiqi NJ, and Sharma B(2015) Phytochemicals Mediated Remediation of Neurotoxicity Induced by Heavy Metals'.
- Gupta VK., Kumar A , Siddiqi N J and Sharma B(2016) Rat brain acetylcholinesterase as a biomarker cadmium induced neurotoxicity' *Open access journal of toxicology* 1 (1) (Published online).
- Gupta V, Pal R, Siddiqi N J, and Sharma B(2015) Acetylcholinesterase from Human Erythrocytes as a Surrogate Biomarker of Lead induced Neurotoxicity' *Journal of Biochemistry research international* (Published online).
- Gupta VK., Kumar A, Siddiqi NJ and Sharma B(2016). Rat brain acetylcholinesterase as a biomarker cadmium induced neurotoxicity'. *open access journal of toxicology* 1 (1) (published online).
- Hussain S, Vasisht S, and Srinivasan N. Integration and prediction difficulty in Hindi sentence comprehension: Evidence from an eye-tracking corpus. *Journal of Eye movement Research*, 8(2), pp: 1-12 (ISSN: 1995-8692).
- Jacinta TGM, Rawat KS, Mishra A, Singh SK (2016) Hydrogeochemical Characterization of Groundwater of Penninsular Indian Region using Multivariate Statistical Techniques, *Applied Water Science*.
- Jain N (2015) महिला सशक्तिकरण एक अवलोकन, Public Administration, Indian Public Administration Institute, New Delhi (ISSN : 2249 –2577)
- Jain R(2015) Vishvabazaar Evam Hindi edited by Dr. Kalpana Verma pp 142-145, , Lokbharti Prakashan Allahabad. (ISBN 978-93-81344-11-8).
- Jain V(2015). Bhartiya Sangeet: Adhyatmik Drishti Sufism and Indian Spiritual Traditions (An Educational Perspective) Ed-Dr. M.S.Siddiqui, New Delhi Publishers, New Delhi (ISBN 978-81-85503-06-6)
- Jaiswal A K (2015) Fabrication of Cu/Pd bimetallic nanostructures with high gas sorption ability towards development of LPG sensor. *Materials Chemistry and Physics*, 154.
- Jaiswal S K, Gupta V K., Siddiqi N J, Pandey R S and Sharma B(2015) Hepatoprotective Effect of Citrus Limon Fruit Extract against Carbofuran Induced Toxicity in Wistar Rats'. *Chinese journal of biology* (Published online).
- Jaiswal SK, Sharma A, Gupta V K, Singh RK and Sharma B (2016) Curcumin mediated attenuation of carbofuran induced oxidative stress in rat brain'. *Journal of biochemistry research international* (Published online)
- Jaiswal SK, Siddiqi NJ, Sharma B(2016) Studies on the ameliorative effect of curcumin on carbofuran induced perturbations in the activity of lactate dehydrogenase in wistar rats'. *Journal of Saudi Journal of Biological Sciences* (Published online).
- Jaiswal V. (2015) Fruit Galls on *Berberis chitriya* produced by *Lasioptera* sp. (Cecidomyiidae: Diptera) from Garhwal Himalayas *Bioved*, 26 (1) : 117-120.
- Jha A, Singh AK, Weissgerber AP, Freichel M, Flockerzi V, Flavell RA and Jha M K (2015) Essential role for Cav β 2 and Cav1 channels in Thymocyte development and T cell homeostasis. *Science Signaling*, 8 (399) : 1-10.
- Johri R (2015). Banaras Gharane Ke Shreshtha Tabla Kalakar Mere Guru Pt. Kumar Lal Mishra.

- Johri R (2015)संस्मरण(तबले के जादूगर पद्मभूषण पं० सामता प्रसाद जी की स्मृति में)Anubhav Publishing House, Allahabad (978-93-80134-71-0).
- Johri R(2015)Manav Jeevan Mein Sangeet Ka Prabhav.Kala-Sanskrit Shodh Patrika Sasvat Page no. 77-78 October-December(ISSN NO.2348-1951).
- Johri R(2015)Sangeet Ki Adhunik Shikshan-Pranali: Samsyayen Evam Sujhav. Vimal-VimarshaVarshik Shodh Patrika, Village & Post. Raipur (Pokhta) Thana Padari District- Mirjapur-231001 (2348-5884)
- Johri R 2015.Aboriginal Eucalyptus 'Didgeridoo'25-29SAPTAKEEdited by Dr. Krishnendu Dutta Published By:Monfakira 2283 NayaBad, House 8 Lane I Nabodit, Mukundpur Kolkata (978-93-80542-79-9).
- Johri R (2016)पद्मभूषण पं.सामता प्रसाद' गुदईमहाराज': व्यक्तित्व एवं कृतित्वKanishk Publishers, Distributors 4697/5-21 A, Ansari Road, Dariyaganj, New Delhi(978-81-8457-684-9).
- Johry A and Srivastava S (2015) Relationship between body image and self esteem among college going girls. Asian Journal of Home Science 10 (1) : 208-214(ISSN-0973-4732).
- Johry A, Singh M and Srivastava S (2015) Non verbal communication physical attractiveness and mate choices. Asian Journal of Home Science, 10 (1): 116-122 (ISSN- 0973-4732).
- Jordan, J S, Srinivasan, N and Van Leeuwen, C. The role of complex systems theory in cognitive science Cognitive Processing, 16, pp. 315-317 (ISSN: 1612-4782).
- Kalsy M and Srivastava S (2015) Dyeing of mulberry silk with natural dye extract from Rosa Centifolia. International Journal of Applied Home Science, 2 (7 &8): 207-211(ISSN – 2394-1413).
- Kalsy M and Srivastava S (2016) Dyeing of silk with Rosa Centifolia: an eco approach. proc. of ICIDRET , ASDF International 01: 43-46 (ISBN- 978-81-929866-0-9).
- Kar B R, Rimzhim A, and Chatterjee S. Biliteracy and reading attainments among slow progressing readers.Sagar, R., Pattanayak, R. D., and Mehta, M. (Eds). (2015). Specific Learning Disorder: Indian Scenario DST.
- Kaur D, Sogi S D, Wani A A (2015) Oxidative stability of Soybean Triacylglycerol using Carotenoids and γ -Tocopherol. International Journal of Food properties (18, 2605-2613).
- Kesharwani R K, Srivastava V, Singh P, Mishra K and Rizvi SI (2015) A Novel Approach for Overcoming Drug Resistance in Breast Cancer Chemotherapy by Targeting new Synthetic Curcumin Analogues Against Aldehyde Dehydrogenase 1 (ALDH1A1) and Glycogen Synthase Kinase-3 β (GSK-3 β).Journal of Applied biochemistry and biotechnology 176 (7), 1996-2017
- Khan SS, Hopkins N, Reicher S, Tewari S, Srinivasan N, and Stevenson C.Shared identity and self-assessed health in mass gatherings.Group Processes and Intergroup Relations, 18, 504-522.
- Khare M and Shukla A (2016)Extensions and Measurability in QuantumMeasureSpaces', Math. Slovaca, 66(0) (ISSN:1337-2211).
- Kumar A,Singh M K, Singh G, Sudheeran K, and Raju KCJ (2015) Raman Spectra and Dielectric Studies in Ti Substituted $\text{Bi}_2(\text{Zn}_{2/3}\text{Nb}_{4/3})\text{O}_7$ Pyrochlores. AIP Conference Proc. 60th DAESSPS.
- Kumar A and Gopesh A (2015).Effect of Hypoxia and energy conservation strategies in the air breathing Indian catfish, *Clarias batrachus*.National Academy of Science Letters 38 (2), 135-137(ISSN: 0369-8203).
- Kumar A. and Dwivedi S., (2015). Southern ocean sea-ice variability around the Indian Antarctic stations in the context of climate change using ocean sea-ice modelling, Climate Change, 1(4), 425-431, (ISSN 2394-8558)
- Kumar D and Rizvi SI (2015) Black tea extract improves anti-oxidant profile in experimental diabetic rats'. Journal of Archives of physiology and biochemistry 121 (3), 109-115
- Kumar M, Yadav AK, Verma V, Singh B, Mal G, Nagpal R, and Hemalatha R(2016) Bioengineered probiotics as a new hope for health and diseases: an overview of potential and prospects. Future Microbiol, 11:585-600.(DOI: 10.2217/fmb.16.4. Epub).
- Kumar P,वैश्वीकरण व पर्यटन के बीच सम्बन्ध : भारत के विशेष संदर्भ में UPUEA Economic Journal (ISSN-0975-2382, Vol-XI).
- Kumar U, Mohanty B (2015)Atypical antipsychotic paliperidone prevents behavioral deficit in mice prenatally challenged with bacterial endotoxin lipopolysaccharide". Eur J Pharmacology, 747: 181-189. Elsevier.

- Kundu A, Dwivedi S and Dutta D (2016).Monitoring the Vegetation Health over India during Contrasting Monsoon Years Using the Satellite Remote Sensing Indices, *Arabian Journal of Geosciences*, 9(2), 1-15, 10.1007/s12517-015-2185-9.
- Li HW, Pawłowski M, Rahaman R,Guo GC, and Han ZF(2015) Device- and semi-device-independent random numbers based on noninequality paradox', *Physical Review A*, 92, 022327, 2015 ISSN: 2469-9926 (print) 2469-9934 (online) 1538-4446 (CD-Rom)
- Mehrotra R (2015) Baudhhkaleen Sanskrit Sahitya Ke Siddhhant,Anahad Lok,3,24-25
- Mishra A (2015) Effect of silver nano particles on frequency and temperature dependent electrical parameters of a discotic liquid crystalline material.*Liquid Crystals*, 42: 1478-1489.
- Mishra A (2015) Electrical and electro-optical parameters of 4'-octyl-4-cyanobiphenyl nematic liquid crystal dispersed with gold and silver nano-particles. *Liquid Crystals*,42:1580-1590.
- Mishra A (2015) Enhancement in the thermodynamic, electrical and optical properties of hexabutoxyphenylene due to copper nano particles.*Journal of Molecular Liquids*, 208: 160-164.
- Mishra A (2015) Relaxation phenomena of a highly tilted ferroelectric liquid crystalline material(S)-(+)-4'-(ω -pentanoyloxy)propoxybiphenyl-4-yl4-(1-ethylheptyloxy)benzoates. *Liquid Crystals*, 42: 1543-1549.
- Mishra A K, Dwivedi S and Srivastava A (2015). High resolution simulation of the salinity variability in the Bay of Bengal and Arabian Sea during the years 1998-2014 using an ocean circulation model, *Discovery*, 39(180), 173-179, (ISSN 2278-5469)
- Mishra AK, Mohanty B (2015) Effect of hexavalent chromium exposure on pituitary-thyroid axis of a fresh water fish, *Channa punctatus* (Bloch) *Environmental Toxicology*, Vol 30 (6): 621-627. Wiley-Science, DOI: 10.1002/tox.21939.
- Mishra K S, Manual For Science Achievement Test National Psychological Corporation, Agra (ISSBN 978-93-85002-56-4).
- Mishra M, Dabrowski R, Vij J K, Mishra A, and Dhar R (2015)Electrical and electro-optical parameters of 4'-octyl-4-cyanobiphenyl nematic liquid crystal dispersed with gold and silver nanoparticles, *Liquid Crystal* 42, 1580: 1366-5855
- Mishra M, Dabrowski R S and Dhar R (2016) Thermodynamical, optical, electrical and electro-optical studies of 4-pentyl-4'cyanobiphenyl liquid crystal dispersed with barium titanate nano particles. *Journal of Molecular Liquids*,213, 247: 0167-7322.
- Mishra N and Rai S, 2015: Teleconnections of monsoon with ENSO, IOD and IMI from ECMWF model with reference to climate change: a statistical approach, *Climate Change*, 1(4), 439-446.
- Mishra N, Tripathi R, Shukla P (2015) Effect of heat processing methods on physicochemical properties and antioxidant content of onion. *Proc. Women Health and Nutritional Security: Issues and Challenges symposium*.
- Mishra R K, Srinivasan N and Huettig, F (2015). *Attention and Vision in Language Processing*. Springer, ISBN 978-81-322-2443-3.
- Mittal A. K., Dwivedi A. and Dwivedi S., (2015). Secure Communication Based on Chaotic Switching and Rapid Synchronization Using Parameter Adaptation, *Int. J. of Innovative Computing Information and Control*, 11, 569-585
- Mittal A. K., Dwivedi A. and Dwivedi S., (2015). Role of parameter adaptation in chaotic communication, *Int. J. Trust Management in Computing and Communications*, 3(2), 115-146 (ISSN: 2048-8378).
- Mittal A. K., Singh U., Tiwari A., Dwivedi S., Joshi M. K. and Tripathi K. C., (2015). 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
- Mohammed A, Kumar D and Rizvi SI (2015) Antidiabetic potential of some less commonly used plants in traditional medicinal systems of India and Africa'. *Journal of Intercultural Ethnopharmacology* 4 (1), 78-85
- Mohammed A, Kumar D and Rizvi SI(2015)Emergence of traditional antidiabetic treatments as starting points for development of modern medicine'. *J Exp Integr Med* 5 (3), 1

- Mohana B Pillai and A. Subramanyam Raju, eds 2015, India-Pakistan Initiatives for Conflict Resolution: The Challenges Ahead. Connectivity and Integration in South Asia New Delhi: Kalpaz Publications
- Moharana KC (2016) Enquiring the "Social" in Mental Illness: From Explanation to Explanatory Model. In : Patel R and R Misra (Ed.) Dimensions of Health: Divergent Worldviews, Converging Concerns Lucknow: NRBC. (ISBN: 978-93-83138-67-8).
- Movement towards the Green Pilgrimage: Mapping environmental sanitation issues in Kumbh Mela at Prayag. In: Bindeshwar Pathak (Ed.) Sociology of Sanitation – Environmental sanitation, public health & social deprivation, Kalpaz Publisher, Delhi, (ISBN 978-93-512-8089-7).
- Narang T, 'A Unified Framework for Ontology Driven Web Mining and Semantic Clustering of Web Documents', International Journal of Engineering Technology Science and Research.
- Nath A, Rahman M A, Singh S K, Dixit K and Sundaram S (2015) Chromium induced alterations in different individual microalga and their consortia. IJONS 32(6) : 048.
- Palmiero M, & Srinivasan, N. Creativity and spatial ability: A critical review. Cognition, Experience, and Creativity, New Delhi: Orient Blackswan, (pp. 189-214) (ISBN: 978-1-62948-637-6).
- Pandey A - Bioinformatics Avum Aadhunik Manav Ka Udgam, Shatabdi Smarika (1915-2015) Published by Vigyan Parishad Prayag, Allahabad (2015) p.no. 123-125
- Pandey A and Shukla AK (2016) - Ellagic acid - an antioxidant acid In book Role of antioxidants in health and disease prevention, Editors : Archana Pandey and Babita Agarwal (ISBN 978-93-80134-75-8)
- Pandey A (2015) "DNA Sanrachna Ke Khoj" in the book - Gya Vigyan Published by Homi Bhabha Vigyan Shikhan Kendra, Tata Moolbhoot Anusandhan Sansthan Maankhurd, Mumbai-400088, Edited by K.K. Mishra p.no. 128-137.
- Pandey A (2015) -Evaluation of antioxidant potential of different extracts of mango ginger (*Curcuma amada* Roxb) rhizome. International Journal of Pharmaceutical Science and Research. 6(9): 3986-3989.
- Pandey A (2016)- α -Tocopherol - an antioxidant vitamin in Das, S. book Role of antioxidants in health and disease prevention, Editors : Archana Pandey and Babita Agarwal (2016) ISBN 978-93-80134-75-8 (in press)
- Pandey A, Agrawal B (2016) Role of Antioxidants in Health and Disease Prevention. To be Published by Anubhav Publishing House, Allahabad, Editors: Archana Pandey & Babita Agrawal, (ISBN No.: 978-93-80134-75-8).
- Pandey A (2016). Antioxidants in blue green algae In: Role of antioxidants in health & disease prevention (ISBN/ISSN number 978-93-80134-75-8), (edited by Dr. Archana Pandey and Dr. Babita Agarwal), pp 109-112. Allahabad, Vigyan Parishad.
- Pandey A (2016). Conserving and Management of Natural Resources. Natural Resource Management for Sustainable Agriculture & Rural Development (ISBN/ISSN number 978-81-923494-8-0) (edited by Hemlata Pant and Manoj Kumar Singh), pp 102-104. Allahabad, Society of Biological Sciences and Rural Development.
- Pandey L K, Dwivedi S, Singh U K, (2015). Tropical Indian Ocean simulation by NEMO Ocean model using the AGRIF nesting tool, Discovery, 40(181), 48-52, ISSN 2278-5469
- Pandey P N (2015) On a Finsler Space Subjected to a Kropina Change with a h-vector *Facta Universitatis*, series. Journal of Mathematics and Informatics, Serbia 30(4) 513-525 (ISSN:0352-9665).
- Pandey P N (2016) In-Silico Screening of *Schistosoma Mansoni* Sirtuin I Inhibitors for Prioritization of Drug, Candidates Springer Plus 2016, 1-8 (ISSN; 5; 286)
- Pandey P N (2016) 'Generalization of Certain Results on Projective Motion in a Finsler Space *Facta Universitatis*, series. Journal of Mathematics and Informatics Serbia 31(1), 237-244 (ISSN:0352-9665).
- Pandey PN (2015) In-silico analysis of Sirt2 from *Schistosoma monsoni*: Structures, conformations and Interactions with Inhibitors. Journal of Biomolecular Structure & Dynamics 28, 1-10 (ISSN: 0739-1102)
- Pandey PN (2016) Lagrange Spaces with Generalized (γ, β) -Metric *Facta Universitatis*, series. Journal of Mathematics and Informatics, Serbia 31(1), 201-212 (ISSN:0352-9665).
- Pandey PN (2015) Kaehler Manifold with a Special Type of Semi-Symmetric Non-Metric Connection' Global Journal of Mathematics 7(1) 17-24 ISSN: 0974-3200.

- Pandey S P, Mohanty B (2015) The neonicotinoid 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.11.061. Elsevier.
- Pandey V K, Srivastava S and Singh S K (2015), Seasonal variability of Indonesian throughflow and its analysis, Vol (2), 268-273, book chapter of proceeding of International Multistream Conference on Technology & Life, Organized by Chief Khalsa Deewan Institute of management and Technology, Taran Taran (Near Amritsar), Punjab, 8th November, Vol (2), 268-273 (ISBN 978 93-85835 06 3).
- Pandey D K, Rai S, Sahai A K, S Abhilash and Shahi N K, 2016: Prediction and error growth in the daily forecast of precipitation from the NCEP CFS v2 over the subdivisions of Indian continent, *J. Earth Sys. Sc.*, 125(1), 29-45, (DOI:10.1007/s12040-015-0647-9).
- Pandey D K, S Rai, Shahi N. K. and Mishra N., 2015: Seasonal prediction of ISMR and relationship with EL-NINO and IOD in ECMWF system 4 coupled model, *Climate Change*, 1(4), 447-455.
- Pandey A (2015) Evaluation of antioxidant activity of polyphenol in the rhizome of *Curcuma amada*, *International Journal of Chemical and Pharmaceutical Review and Research*. 2(1):25-29.
- Pandey A (2015) An Antioxidant acid: Lipoic acid. *Natural Resource Management for Sustainable Agriculture and rural Development*. Published by SBSRD, Allahabad (U.P.), India (ISBN : 978- 81-923494-8-0).
- Pandey A, Tripathi, M Agrawal, (2015) -Synergistic antioxidant activity of lipoic acid, ferulic acid and ellagic acid. *International Journal of Pharmaceutical Science and Research*. 6(6):2551-2556.
- Patel KV, Maji D, Pandey SS, Rout P K, Sundaram S and Kalra A (2016) Rapid budding EMS mutants of *Synechocystis* PCC 6803 producing carbohydrate or lipid enriched biomass. *Algal Research*, 16 :36-45.
- Patel R (2015) Social Inclusion of HIV positive people: Role of Social Worker. *The Social Ion*, 4(1&2) :160-169 (ISSN: 2319-3581).
- Patel R (2015) Contextualizing Child Abuse within Indian Legal System: an overview. *The Social Ion*, 4(1&2) :48-60 (ISSN: 2319-3581).
- Patel R (2015) Factors Responsible for High Fertility in India: A Sociological Explanation. *Voice of Intellectual Man*, 5(2) : 81-90 (ISSN: 2231-6914). (On line @www.indianjournals.com)
- Patel R (2015) मनरेगा के अंतर्गत महिलाओं की सहभागिता एवं उनकी सामाजिक सुरक्षा Research Paper published in *The Asian Man*: Vol.9, No.2: 246-252 (Jul-Dec.2015), ISSN: 0974-6366.
- Patel R. (2015) मुस्लिम समुदाय के कामगार युवाओं में एच.आई.वी./एड्स के प्रति जागरूकता का अध्ययन. Research Paper accepted for publication in *Manav*. Vol.33, No.1 & 2(2015), ISSN: 2347-6591.
- Patel R (2016) Reflections on demography and health among the Koltas of Uttarakhand (India). accepted for publication in *Indian Journal of Physical Anthropology and Human Genetics*. (ISSN: 0378-8156)
- चोपड़ा धनंजय (2015), "स्कूलों में मीडिया शिक्षा : बदलते समय की जरूरत", अधिगम (प्रकाशक: राज्य शिक्षा संस्थान, उ०प्र०, वर्ष 1 अंक 2; सितम्बर (ISSN: 2394-773X)
- चोपड़ा धनंजय (2015), "नये मीडिया का नया जमाना", आंचलिक पत्रकार (प्रकाशक: माधवराव सप्रे समाचार पत्र संग्रहालय, भोपाल) वर्ष 34 अंक 12, पूर्णांक 400; अगस्त (ISSN: 2319-3107).
- चोपड़ा धनंजय (2015) "खबरों और अफवाहों की चौपाल साथ-साथ आंचलिक पत्रकार (प्रकाशक: माधवराव सप्रे समाचार पत्र संग्रहालय, भोपाल) वर्ष 35 अंक 4, पूर्णांक 404; दिसम्बर (ISSN: 2319-3107).
- चोपड़ा धनंजय (2015), "भारतीयता और पत्रकारिता: नकार का शिकार हैं संस्कार", मीडिया विमर्श (भोपाल) वर्ष 10 अंक 37; दिसम्बर, (ISBN:2249-0590).
- चोपड़ा, धनंजय (2015), "यह जो मीडिया है" , प्रकाशक: साहित्य भण्डार, इलाहाबाद, (ISBN: 978-81-7779-263-8)
- चोपड़ा धनंजय (2015), "नक्सलवाद, सोशल मीडिया और साइबर आतंक" *Cyber War* edited by Prashant Agarwal, Published by: Anubhav Publishing House, Allahabad, (ISBN: 978-93-80134-74-1).
- चोपड़ा धनंजय (2015), "लोक गायन कजरी (मोनोग्राफ)", प्रकाशक: उत्तर मध्य क्षेत्र सांस्कृतिक केन्द्र, इलाहाबाद
- Prasad N. (2016) *Bhakhti Andolan ka Kalatamk Prabhav Sanskritik Parivash*, Sahitya Bandar Allahabad. (ISBN No. 978-81-7779-466-3 Pg. 108-112).

- Prasad N (2016) 'Pragatishasik chitrakala ki nirintarta Madhya Pradesh ke sandharb meinain National Seminar Madhya Pradesh through the Ages.B.K. Books International Delhi (ISBN 978-81-932517-0-6).
- Prasad N (2016) Allahabad janpad ki Pracheen Boudh Pratimayaien Page No. 33, (ISBN -978-93-82182-66-5)
- Purkait R (2015) Application of external ear in Personal Identification: A Somatoscopicstudy in families. *Annals of Forensic and Research Analysis*, 2(1) :1015-1023
- Purkait R (2015) Uniqueness of external ear: A test in genetic relations. *Annals of Forensic and Research Analysis*, 2(2) :1020-1028.
- Purwar Rita(2015) Charcha-Paricharcha Bhumandalikaran aur Hindi' edited by Dr. Kalpana Verma pp 115-118, Lokbharti Prakashan Allahabad (ISBN 978-93-81344-11-8).
- Purwar S and Sundaram S (2015) CAMP regulate Morphology and Pathogenesis in the fungal pathogen *Tilletia indica*. *IJONS* 32(6): 035.
- Raffone, A., Srinivasan, N., & 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 (ISSN: 0962-8436).
- Rahaman R, Parker MG, Mironowicz P and Pawłowski M(2015) Device-independent quantum key distribution based on measurement inputs. *Physical Review A*, 92, 062304, [ISSN: 2469-9926 (print) 2469-9934 (online) 1538-4446 (CD-Rom)]
- Rahaman R., Wiesniak M., and Zukowski M(2015) Quantum Byzantine agreement via Hardy correlations and entanglement swapping. *Physical Review A* '92, 042302, [ISSN: 2469-9926 (print) 2469-9934 (online)].
- Rahman MA, Pandey J K, Sundaram S, and Gopal R (2015) Response of Growth, Photosynthetic Pigments, Laser-Induced Pigment Fluorescence, Antioxidant Enzymes and Lipid Peroxidation to Ultraviolet-B radiation in two Cyanobacteria. *Indian Journal of Plant Physiology*, 20 (3): 240-248.
- Rai A, 'Description and Formal Verification of Mobility Management during Registration Process in MANET-Internet Communication', Conference; Article in press.
- Rai M, Kushwaha BK, Srivastava SN (2015) The State of Scapania Ligulata Steph. (Scapaniaceae, Marchantiophyta) in Western Himalaya, *India Plant Science Today* (2015) 2(4):197-202 (ISSN: 2348-1900).
- Rai M, Srivastava P, Srivastava SN (2015) Observation on *Fissidens Ceylonensis* Dozy & Molk. (Fissidentaceae, Bryophyta) Growing as cave Moss at Chitrakoot in Central India. *Indian Journal of Plant Sciences* (2015)4(3)22-27 (ISSN:2319-3824(Online)
- Rai, M. Srivastava, P. Srivastava, S.N. (2016) On the Occurrence of *Spruceanthus Semirepandus* (NEES) Verd. (Lejeuneaceae; Marchantiophyta) in Western Himalaya. *India Indian Journal of Plant Sciences* (2016) 5(1) 27-32 (ISSN:2319-3824(Online)
- Rai, S, Kucharski F and Molteni F, 2016: An Analysis of the impact of SST adjustment in the ECMWF system 3 on the Indian summer Monsoon hindcast skill, *Meteorol. Atmos. Phys.*, (DOI 10.1007/s00703-015-0429-6).
- Rashmi, Vaishali, Kumar R, Yadav N (2015) Comparative Quantitative Gene Expression analysis Between Salinity Tolerant and Susceptible Varieties of Chickpea. *VEGETOS-An International Journal of Plant Research*. 28(2):103-110.
- Ray S and Heinen S J(2015)A mechanism for decision rule discrimination by supplementary eye field neurons *Journal of Experimental Brain Research* ;233(2):459-76.
- Sahoo PK & Seebal PK (2015), " Open Educational Resources for Teaching and Learning Enhancement in Open Distance Learning Mode in India and Thailand"., *Anukriti; An International Refereed Research Journal*, No.5, July-Sep, (ISSN 2250-1193).
- Sahoo P.K. & Singh R (2015), "Uchh Siksha Starpar Karyarat adhyapakon ki parikshan avshyakta ki adhyayan". *Anweshika, NCTE*,.10 (2), May-Aug (ISSN 0974-7702).
- Sahoo PK, Chandra S & Prasad C(2015), " Role of ICTs in ODL Mode Teacher Education Programmes; National Seminar Proceeding on Modern Trends In Techno-Pedagogy, Madurai Kamraj University, Madurai, T.N. March, 2015, (ISSBN 978-93-82570-54-7).

- Sahoo PK & Chandra S (2015), "Relationship between Learning Styles and Academic Achievements of CBSE Board Intermediate Students", *Indian Journal of Teacher Education (IJTE)*, 1 (2), (ISSN 2349-6335).
- Saini P and Singh P (2015) Antioxidant activity and antimicrobial property of some Indian Spices. *Trends in Biosciences*, 8(19): 5261-5267.
- Sangeeta (2015) भारत में लैंगिक असमानता वि-लेशणात्मक अध्ययन *Sanskrit Sadhana Journals of the research institute of Human Culture* Volue 29 No Jan- Jun 16
- Sangeeta (2015) भारतीय संस्कृति के विकास में वैदिक एवं श्रमण-बौद्ध वि-लशा का अध्ययन-पेज 191-197 *Sanskriti Sandhana, Journals of the research institute of Human Culture* ISSN Referred Vol. xxviii from Jan-June (ISSN- 097415-1526).
- Sangeeta (2015) संस्कृत साहित्य में वि-लशा की भूमिका: एक अध्ययन 184&187 *Sanskrit Vibhag, Ishwar Saharn Degree College Allahabad NAAC Accredited & CPE Status Granted by UGC New Delhi*
- Sangeeta (2015) आधुनिक परिप्रेक्ष्य में डॉ० भीमराव अम्बेडकर के सामाजिक सुधारवाद व प्रबोधन का समाक्षात्मक विश्लेषण, *Sanskriti Sandhana, Journals of the research institute of Human Culture* Under Published
- Satyanarayana A and Somvanshi V (2015) Household Characteristics: A Breeding Conduit to Child Labour . In: Vinod Chandra (Ed) *Childhood realities: working and abused children*. Gyan Publications New Delhi.
- Saxena A, Gupta K (eds.) (2015), *Social Movements and State in New Global Era*, 'Civil society concern for the Dalit in New Global Era, K.K. Publisher, New Delhi, (ISBN 978-81-7844-227-3)
- Shahi N K, Rai S, Pandey D K and Mishra N, (2015): Seasonal prediction skill of Indian summer monsoon rainfall in ECMWF system 4 model, *Climate Change*, 1(4), 469-475.
- Shahi, N K, Rai S and Pandey D K (2016): 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.*, 128(1), 131-142, (DOI 10.1007/s00703-015-0404-2).
- Sharma B, 'Drug Resistance in HIV-1: Genetic and Molecular Bases, Mechanisms and Strategies to Combat the Issue. *Journal of Biochemistry and analytical biochemistry*, 4:e153.
- Sharma B. (2015) Advances in Development of integrase inhibitors as anti HIV1 regimen'. *Journal of HIV&Retroviruses*. 1(1): 1-2.
- Sharma UK and Pandey AK (2016) Antioxidant and antibacterial activities of cinnamic aldehyde and eugenol'. *J Kalash Science*. 4(1): 7-11
- Sharma UK, Sharma AK and Pandey A.K. (2016) 'Medicinal attributes of malor phenylpropanoids present in cinnamon'. *BMC Complementary and Alternative Medicine*. 16: 156. doi: 10.1186/s12906-016-11474.
- Shukla RP and Kakkar V (2015) On the Congruences in Right Loops' *Communications in Algebra*, Vol. 43 (12), ISSN: 0092-7822
- Shukla SS (2015) Radical Transversal Screen Pseudo-slant Lightlike Submanifolds of Indefinite Kaehler Manifolds. *SUT Journal of Mathematics*, Vol. 51, no. 1, 31-47
- Singh R and Srivastava S (2016) Silk dyeing with natural dye extracted from spice. *Proc. of ICIDRET , ASDF International*, 01 : 63-67 (ISBN- 978-81-929866-0-9).
- Singh A (2015) "Multicultural Classroom: A phenomenological Inquiry "Researcher Tandem , A quarterly Journal of Education Research, ISSN 2230-8806, Vol. 06, No.18, Apr-June, 2015
- Singh A (2015) Concept of Clothing and dressing sense among Adolescence under changing scenario. *Indian J. SOC & POL.* 2 (02) : 2015 : 15-18 (ISSN No. 2348-0084)
- Singh A (2015) Electronic distance Education (EDE) New Mantra for future progress. *IJSr*, 4(12), 1881-1882 (ISSN online 2319-7064).
- Singh A (2015) "Knowledge in Eastern Thought" e-content written and video Recording at central Institute of educational technology (CIET), NCERT, New Delhi. For UGC E-PG paathshala. December.
- Singh A (2015) "Knowledge in Western Thought" e-content written and video Recording at central Institute of educational technology (CIET), NCERT, New Delhi. For UGC E-PG paathshala. December.
- Singh A (2015) "The meaning and concept of knowledge" e-content written and video Recording at central Institute of educational technology (CIET), NCERT, New Delhi. For UGC E-PG paathshala. December.

- Singh A (2015) Child in School: A phenomenological Perspective; Education India Journal: A Quarterly referred journal of Dialogues on Education, 1(3), August (ISSN 2278-2435).
- Singh A (2015) Child in School: A phenomenological perspective. Education India Journal ISSN 2278-2435 Vol. 1 Issues 3, Aug.
- Singh G, Singh M K, Kumar A, Dussan S and Katiyar RS (2015) Multiferroics properties in BiFeO₃/CoFe₂O₄ heterostructures thin films deposited on (111) SrTiO₃ substrate. AIP conference Proc. 60th DAESSPS (ISBN 0094243X15517616).
- Singh G, Singh A K, Singh A and Singh M K (2015) Second order Raman Spectrum and anomalous phonon behaviour in multiferroics BiFeO₃. ICLQMPA.
- Singh G, Upadhyay SK and Singh MP (2015) Dye-decolorization by native bacterial isolates, isolated from sludge of carpet industries Bhadohi-India, GJEST 2(6):81-85.
- Singh K R (2015) Approaches on Nano based drug delivery for Alzheimer's disease: methods for diagnosis, pharmacology and safety matter. International Journal of Current Research and Academic Review, 4: 132-145.
- Singh KP, Rizvi AF and Kumar N (2015) Stock assessment of a non-commercial fish *S. coitor* (Hamilton, 1822) from middle stretch of river Ganga. National Academy Science Letters 38: 9-12 (Springer)
- Singh KP and Gupta K (2016) Prenatal exposure to valproic acid and gabapentin on maternal, fetal, neonatal weight gain and postnatal development International Journal of Development Research, 6(6).
- Singh KP and Masud S (2015) Studies on length-weight relationship and condition factor of *Salmophasia bacaila* from lower stretch river Yamuna at Allahabad International Journal of Fisheries and Aquatic Studies 2: 147-15.
- Singh KP and Tripathi N (2015) Prenatal exposure to a novel antipsychotic quetiapine: Impact on neuro-architecture, apoptotic neurodegeneration in fetal hippocampus and cognitive impairment in young rat. International Journal of Developmental Neuroscience 40: 59-67 (Elsevier).
- Singh KP and Tripathi N (2015) Teratogenic potential of second and third generation antipsychotic drugs quetiapine and aripiprazole Current Psychopharmacology 4.
- Singh KP, Singh M, Shukla S and Dikshit M (2015) Assessment of in-utero Venlafaxine induced, ROS-mediated, apoptotic neurodegeneration in fetal neocortex and its neurobehavioral sequelae in rat offspring. International Journal of Developmental Neuroscience 40: 60-69 (Elsevier).
- Singh KP, Singh MK and Gautam S (2016) Effect of in utero exposure to atypical antipsychotic risperidone on histopathological impairments in rat placenta", International Journal of Experimental Pathology (Wiley).
- Singh M and Srivastava S (2015) Adaptive functional blouses for arthritic women, International Journal of Applied Home Science, 2 (5 & 6) : 195-199 (ISSN – 2394-1413).
- Singh M and Srivastava S (2016) Functional clothing for renal failure patients. proc. ICIDRET , ASDF International 01: 55-58 (ISBN- 978-81-929866-0-9).
- Singh M, 'Sustainable Development: Mathematical Approach and Simulation Studies', Differential Equations and Dynamical Systems.
- Singh N (2015) उच्चतम न्यायालय का निर्णय और आधार कार्ड Mahila Vidhi Bharati Research , Quarterly Law Journal, 84, 260-63.
- Singh P and Rizvi SI (2015) Modulation Effects of Curcumin on Erythrocyte Ion-Transporter Activity International journal of Cell biology.
- Singh P and Rizvi SI (2015) Role of curcumin in modulating plasma PON1 arylesterase activity and susceptibility to LDL oxidation in oxidatively challenged wistar rats'. Letters in Drug Design & Discovery 12 (4), 319-323.
- Singh P K, Shrivastava N, Sharma B, Bhagyawant S S (2015) Effect of Domestic Processes on Chickpea Seeds for Antinutritional Contents and Their Divergence'. American j food sci & tech, 3(4), 111-117.
- Singh P, Kesharwani RK, Misra K and Rizvi SI (2016) 'The modulation of erythrocyte Na⁺/K⁺-ATPase activity by curcumin'. Journal of advanced research 6 (6), 1023-1030
- Singh P, Kesharwani RK, Misra, K and Rizvi SI (2016) Modulation of Erythrocyte Plasma Membrane Redox System Activity by Curcumin. Journal of Biochemistry Research International.

- Singh PK (2015) Eosin Y Catalyzed Visible-light-promoted One –Pot Facile Synthesis of 1,3,4- Thiadiazole. *Croatica Chemica Acta*, 88 (1), 59-65.
- Singh PK (2015) Eosin Y Catalyzed Visible-light-promoted Aerobic OxidativeCyclization of 2-Aminobenzothiazole.*Croatica Chemica Acta*, 88 (3), 227-233.
- Singh PK, Shrivastava N, Chaturvedi K, Sharma B and Bhagyawant SS(2016)Characterization of seed storage proteins from chickpea using 2D electrophoresis coupled with mass spectrometry'. *Journal of biochemistry research international* (Published online).
- Singh R, and Srivastava S (2015) Exploration of flower based natural dyes-a review, *Research journal of Recent Sciences*, 4: 6-8 (ISSN 2277-2502).
- Singh S (2015) *Amrit Lal Nagar Aur Ek Dil Hazar Afsane Vol 9*, 198-200.
- Singh S (2015) *Balman Ke Parakhi.Hariaudh Pg. 93-97 Hindustani, Allahabad Vol 2 (ISSN : 0378-391X)*
- Singh S (2015) *Radha Ki Parikalpana Aur Priy Prawas Ki Radha Pg. 89-95 Hindustani Vol 4 (ISSN : 978-391X)*
- Singh S (2016) *Hindi Kahani: Badalte Manav Mulya Pg. 10-15 Sahitya – Bharti (Kahani Visheshk) Jan - March Utter Pradesh Hindi Sansthan ISSN 2455-1309.*
- Singh S and Kumar K (2015) Effect of juvenoids pyriproxyfen and diofenolan on embryogenesis and post embryonic development of blow fly *Chrysomya megacephala* (Diptera: Calliphoridae) following egg treatment. *Parasitology Research* DOI 10.1007/s 00436-015-4536-6. *Zeitschrift fur Parasitenkunde* (Springer).
- Singh S and Kumar K(2015) Effects of juvenoid Pyriproxyfen on reproduction and F1 progeny in myiasis causing flesh fly, *Sarcophaga ruficornis* L. (Sarcophagidae: Diptera). *Parasitology Research*, 114(6): 2325-2331. *Zeitschrift fur Parasitenkunde* (Springer)
- Singh S and Kumar K, (2015) Comparative efficacy of phenoxy derivative JHAs Pyriproxyfen and Diofenolan against polyphagous pest *Spodoptera litura* (Fabricius) (Noctidae: Lepidoptera), *Phytoparasitica*, 43: 553-563. (Springer)
- Singh S P and Gupta D K(2015) A comparative study of structural and conformational properties of casein kinase-1 isoforms: Insights from molecular dynamics and principal component analysis.*Journal of Theoretical Biology*, 371: 59–68.
- Singh S P and Gupta D K(2016) Dynamic conformational ensembles regulate casein kinase-1 isoforms: Insights from molecular dynamics and molecular docking studies. *Computational Biology and Chemistry*, 61: 39–46.
- Singh S, Sharma B and Siddiqi N (2016).Hydrazones as prospective antiHIV agent. *European journal of biomedical and pharmaceutical sciences* (Published online), (2016)
- Singh S, Sharma B (2015) Phytochemicals from medicinal plants and herbs as antiHIV-1 agents (article id:277042978) *International journal of pharmacognosy and phytochemistry* (Accepted)
- Singh S, Sharma B(2015) Immunodeficiency and Microbial infections'. *Journal of microscopic creatures* 1(1): (In press).
- Singh S, Bano F and Mohanty B (2016)Vitamin in E pretreatment prevents the immunotoxicity of dithiocarbamate pesticide mancozeb vitro: a comparative age-related assessment in mice and chick.*Journal of Pesticide Biochemistry and Physiology*(Elsevier), (doi:10.1016/j.pestbp.2015.08.001)
- Singh SK, Srivastava PK, Petropoulos GP, Gupta M, Tanvir I. (2016) Landscape transform and spatial metrics for mapping spatiotemporal land cover dynamics using Earth Observation data-sets. *Geocarto International*.(DOI: 10.1080/10106049.2015.1130084).
- Singh U B, Pandey MB, Dhar R, Verma R, and Kumar S(2016) Effect of dispersion of CdSe quantum dots on phase transitions, electrical & electro-optical properties of 4PP4O. *Liquid Crystals*, (DOI.10.1080/02678292.2016.1159344)(ISSN: 1366-5855).
- Singh U P, Mittal A K and Tiwari A (2015). Predictability study of forced Lorenz model: an artificial neural network approach, *Discovery*, 40(181), 27-33 (ISSN 2278-5469).
- Singh N (2015) *Role of Civil Society in India.Social Movements and State in New Global Era*(edited by Kamlesh Gupta) 402-415, New Delhi K.K. Publication.
- Sinha S, Bimal S and Sundaram S(2015) CD2 shown to facilitate CD4+ cell differentiation during Visceral Leishmaniasis, a receptor based study. 3-AJBB-RLIRMD-May 22, (for review), *The American Journal of Biochemistry and Biotechnology*.

- Sirothia Ibha Guru Kumhar Sis Kumbh hai. Sansmaran, ed. By Dr. Renu Johri, Music Department, University of Allahabad, Allahabad volume Book, 1, page no. 97 (ISBN 978-93-80134-71-0)
- Som A (2015) Causes, consequences and solutions of phylogenetic incongruence. Briefings in Bioinformatics (Publisher: Oxford Uni. Press) 16(3), 536-548.
- Srinivasan N, Tewari S, Makwana M, and Hopkins N. Attention mediates the effect of context-relevant social meaning on prospective duration judgments. *Timing and Time Perception*, 3, pp. 189-200 (ISSN: 2213-445X).
- Srivastava S and Srivastava S (2016) Essential oil impregnation on wool fabric For aromatherapy. *Proc. ICIDRET,ASDF International 01* : 59-62 (ISBN- 978-81-929866-0-9).
- Srivastava A and Khare AP (2015) Bouddha dharma Va Kala me Hariti RJMLB Bhopal, 1 (3), Pg. 210-213 (ISSN : 2455-0914)
- Srivastava A and Khare AP (2015) YuYutsu Buddha kalin Gavikayen Va Nari Chetana Pg. 33-37 (ISSN : 2394-9209).
- Srivastava A, Khare AP (2016) Punjabi Sufi Sadhak Buleshah in Bhakti Andolan ka Sanskritik Parivash. Sahitya Bandar Allahabad (ISBN No. 978-81-7779-466-3 Pg. 108-112).
- Srivastava A, Dwivedi S and Mishra A K (2016). Intercomparison of High-Resolution Bay of Bengal Circulation Models Forced with Different Winds, *Marine Geodesy* (DOI: 10.1080/01490419.2016.1173606)
- Srivastava A, Dwivedi S, Mishra A K (2015). High resolution numerical modeling of the Indian Ocean surface Hydrography and circulation, *Discovery*, 40(181), 34-40, (ISSN 2278-5469).
- Srivastava K. (2015) Adwait Vedant Mein Jeevan ki Avdharana, Allahabad. Sahitya Bhandar, (ISBN 978-81-7779-408-3)
- Srivastava K. (2015) Bhomandalikaran, Moolya Shikshan evam Sanskrit Vangmay, Vangmayam, 8, 18-25
- Srivastava M (2016) Morpho- Anatomical Studies of ligule & labium of *Isoetes coromandelina* L. Sita, Manju Srivastava and G.K. Srivastava, *Indian Fern Journal* Vol 33, 2016
- Srivastava S and Srivastava S (2015) A critical review of important aroma therapeutic plant sources and their application for textile. *Shodh Sanchar bulletin an International Multidisciplinary Quarterly Bilingual Refereed Research Journal*, 5 (17 & 18) 131-133 (ISBN- 2229-3620).
- Srivastava S and Srivastava S (2016) Aroma and Emotion, communicated to the journal, *Studies of Social and Community Science*.
- Srivastava S., Srivastava A. K., Singh P, Baranwal V, Kripal R., Lee J. H., Pandey A. C., 2015: Synthesis of zinc oxide (ZnO) nanorods and its phenol sensing by dielectric investigation, *Journal of Alloys and Compounds*, 644, 597-601
- Srivastava A (2016) 'Madhya Pradesh Ki Prarambhik Baudhakala me Kathantmak Drishyankan' in National Seminar Madhya Pradesh through the Ages. B.K. Books International Delhi (ISBN 978-81-932517-0-6)
- Sunanda Das (2016) Antioxidant Potentials of Berries, Role of Antioxidants in Health and disease Prevention, (In Press) Anubhav Publishing House, Allahabad Editors : Archana Pandey and Babita Agarwal (ISBN 978-93-80134-75-8)
- Tirupathi P., Kumar N., Pastor M., Pandey A.C., Choudhary R.N.P., 2015: Diffused phase transitions in $Pb(Zr_{0.65}Ti_{0.35})O_3-Pb(Fe_{2/3}W_{1/3})O_3$ multiferroics, *Journal of Applied Physics*, 117, 074105
- Tiwari AK, Singh AK, Singh AK and Singh MP (2015) Hydrogeochemical analysis and evaluation of surface water quality of Pratapgarh district, Uttar Pradesh, India. *Appl. Water Sci*, (<http://link.springer.com/article/10.1007%2Fs13201-015-0313-z>).
- Tiwari A., Mittal A. K., Dwivedi S., Singh U. P., (2015). Nonlinear time series analysis of rainfall over central Indian region using CMIP5 based climate model, *Climate Change*, 1(4), 411-417, ISSN 2394-8558
- Tripathi M. (2015) Optimization of semiconductor ns-TiO₂-CuO admixed photoelectrode for photoelectrochemical solar cell in regard to hydrogen production. *International Journal of Hydrogen Energy*, (doi:10.1016/j.ijhydene.2015.11.163).
- Tripathi R (2016) Marginalisation and Rising Rebellion in Indian English Fiction of the Twentyfirst Century. *English Fictional World in the Twenty-first Century* (edited by Ajita Bhattacharya) 52-61, New Delhi: Adhyayan Publishers
- Tripathi A (2015) Ramcharit Manas Me Lok Sandarbh, Page no 135-140, Sammelan Patrika, Shodh Traimasik, Vol – 100 ISSN no- 2278-1773

- Tripathi A (2015) Swambhuti Ka Satya Aur Hindi Dalit Kahani, Page no. 188-192, Dr. Ratan Kumar Verma ISBN no 978-93-5067-715-4
- Tripathi A, Rahman MA, Swati, Prakash R and Sundaram S (2015) Biosensor for the detection of herbicides using whole cells of *Nostoc muscorum*. *Indian Journal of Natural Sciences*. 5: 29.
- Tripathi A. (2015) Bharat Durdasha Kal aur Aaj. Bartendu Ka Natya Gaurav- Bharat Durdasha (edited by) Dr. Kamlesh Singh Page No. 125-130
- Tripathi B. K. (2015) Solution of broad class of singular boundary value problems by variation iteration method. *International Journal of Mathematical theory and Modeling* Vol No. 5 (13).
- Tripathi M. (2015) Novel improvements in the sensitizers of dye-sensitized solar cells for enhancement in efficiency—A review, *International Journal of Energy Research*, 1579-1596
- Tripathi M. Enhancement in Conversion Efficiency by Surface Modification of Photoanode for Natural Dye-Sensitized Solar Cell. Springer International Publishing Switzerland 2015 I. A. Sayigh (ed.), *Renewable Energy in the Service of Mankind Vol II*, DOI 10.1007/978-3-319-18215-5_37.
- Tripathi M. Surface Modification and Optimization of Semiconductor ns-TiO₂-WO₃ Admixed Photoelectrode in Regard to Solar Hydrogen Production. Springer International Publishing Switzerland 2015 A. Sayigh (ed.) *Renewable Energy in the Service of Mankind Vol I*, DOI 10.1007/978-3-319-17777-9_19.
- Tripathi P, Mishra M, Dabrowski R S and Dhar R (2016) Effect of silver nanoparticles on the thermodynamical properties of 4-(trans-40-n-hexylcyclohexyl) isothiocyanatobenzene (6CHBT) nematic liquid crystal. *Indo-Polish Seminar on Advanced Materials*, 05-06:029.
- Tripathi R, JaiswaN I, Sharma B, (2015) Malhotra SK Helminth Infections Mediated DNA Damage: Mechanisms and Consequences'. *Journal of Single Cell Biol* 4: 117. doi:10.4172/2168-9431.1000117
- Tripathi S, Gopesh A, Joshi KD and Dwivedi AC (2015). Size composition, exploitation pattern, sex ratio and sex structure of *Eutropichthys vacha* (Hamilton, 1822) from middle stretch of the river Ganga at Allahabad, India. In: *Advances in Bio-Sciences and Technology*. pp. 116–120 ISBN: 978-81-926925-9-3
- Tripathi, M. (2015) Surface modification of semiconductor photoanode for photoelectrochemical water splitting, *International Journal of Hydrogen Energy*, doi:10.1016/j.ijhydene.2015.11.118
- Tripathi, M. (2015) Solid nanocomposite polymer electrolyte for enhancement in stability of natural dye sensitized solar cell, *Material Research Innovations*, 328-331.
- Tripathi M, Agrawal U.R and Tewari RR (2015) Electrophoretic analysis in two groups of enzymes of *Musca domestica* L. (Diptera: Muscidae). *International Research Journal of Biological Science* Vol.4 (10): 20-23. ISSN No 2278-3202.
- Upadhyay Pratibha, Peace Education, Pedagogy and Teachers. Promoting Global Peace and Civic Engagement through Education. IGI Publication, Hershey, USA (EISBN 13:978162250079).
- Upadhyay Pratibha, Promoting Global Peace and Civic Engagement through Education. IGI Publication, Hershey, USA (ISBN 13:9781522500780, ISBN 10:1522500782).
- Vajpayee G, Asthana S, Purwar S and Sundaram S (2015) Screening of Antagonistic Activity of Bacteria against *Tilletia Indica*. *Indian Journal of Natural Sciences* 5: 29.
- Verma J, Gopesh A and Nautiyal P (Accepted). A study of certain physico-chemical characteristics of Chandraprabha wetland with special reference to aquatic biota. *National Academy of Science Letters* (ISSN: 0369-8203).
- Verma J, Gopesh A and Nautiyal P (Accepted). Biogeography and distribution of Bacillariophyceae in the Highland Rivers of India. In *International Journal of Applied Research*, (ISSN: 2394-586).
- Verma J, Gopesh A and Nautiyal P (2015) Seasonal variations in diatom richness, diversity and density of Chandraprabha River within sanctuary. *Journal of Kalash Science*, 3 (1); 21-25. (ISSN 2321-7634).
- Verma Kalpana भूमण्डलीकरण और हिन्दी. Lokbharti Prakashan (ISBN-978-93-81344-11-8).
- Verma SK and Satanarayana A (2015) Younger Generation Experiences: An Intergenerational Relational Perspective. In: Vinod Chandra (Ed.) *Childhood Realities of Abused and Working Children*. Serial Publication.
- Verma, J, Gopesh A and Nautiyal P (2015) Biodiversity and distribution of Bacillariophyceae flora of the Vindhyan River of Indian Subcontinent. In *International Journal for Environmental Rehabilitation and Conservation* 5(2), 1-8. (ISSN: 0975 – 6272).

- Yadav Dhananjai, (2015), Contribution of Scientific creativity in Science. Educational Herald (ISSN:974-0732).
- Yadav Dhananjai (2015), Effectiveness of e-learning package for demonstration Method of Teaching. Adhagam, 1 (1)(ISSN:2394-733X).
- Yadav Dhananjai (2015), Exploring of effective method of stress management Shodh Navneet(ISSN:2321-6581).
- Yadav N, Kaur D, Malaviya R and Rathore B S(2015) Evaluation of the Nutritional, anti -nutritional and antioxidant properties of selected cowpea (*vigna unguiculata*) cultivars. International Journal of Food and Nutritional Science 4(4):2320-7876.
- Yadav N, Kaur D, Puranik V (2015) Acrylamide: formation, mechanism and mitigation strategies. The Changing Scenario of Indian Food Legislation. Proc.of UGC Sponsored Refresher Course on Food safety and public health. Arvind Prakashan, Agra. p. 37.
- Yadav N, Kumar S and Dhar R(2015) Cadmium selenide quantum dots for the amelioration of the properties of a room temperature discotic liquid crystalline material.RSC Adv 5, (78823: 2046-2069).
- Yadav N, Saini P and Mishra N (2015) The Changing Scenario of Indian Food Legislation. Proc. of UGC Sponsored Refresher Course on Food safety and public health. Arvind Prakashan, Agra. p. 32.
- Yadav N (2015) बौद्ध वागमय एवं स्तूपों में उद्भूत संगीतकला एक अवलोकन. Buddhist view and socio-cultural legacy of India,(edited by Pradeep Kumar Kesarwani) 135-139 , Allahabad: Raka Prakashan
- Yadav R. P., Kumar T., Mittal A. K., Dwivedi S. and Kanjilal D., (2015). Fractal Characterization of the Silicon Surfaces Produced by Ion Beam Irradiation of Varying Fluences, Applied Surface Science, 347, 706-712, (DOI: 10.1016/j.apsusc.2015.04.150).
- Yadav RP, Kumar M., Mittal, A.K., Pandey A.C., 2015: Fractal and multifractal characteristics of swift heavy ion induced self-affine nanostructured BaF₂ thin film surfaces” Chaos, 25 (8), 083115
- Yadav S, ‘A Review on Energy Efficient Protocols in Wireless Sensor Network’, Wireless Networks, Publisher : Springer,SCI Journal .
- Yadav S, ‘Network Lifetime Enhancement using Improved Aggregation Head Selection Protocol in Wireless Sensor Networks’, Wireless Networks, Publisher : Springer, SCI Journal.
- Yadav S, ‘PSO based Aggregation Head Selection Algorithm for Structure-free Wireless Sensor Networks’ Journal of Supercomputing,Publisher : Springer,SCI Journal.
- Yadav S,‘Energy Efficient Protocol for Aggregation Head Selection in Wireless Sensor Network’, ICSTE-2015, at HONGKONG.
- Yadav Saroj, Videsh Shikshan Sansthan ke Bharat main praves k prati Snatak star k shikshak-Shikshak Shikshi Kao k abhirmitti ka tulana. “Sambhavya”-An International Research journal, (Refreed) Journal of Akhil Bhartiya Bhasha Evam Sahitya Anusheelan Samiti AnusheelanSamiti, Vns. No. 17-18 (ISSN-09769358PP-140-145).
- Yadav Saroj, Emerging inclusive education through school reform.Energizing inclusive education, Allahabad(ISBN-978-81-8274-884-2).
- Yadav Saroj, Methodology of Educational. RSA International Agra, U.P. (ISBN-978-93-81602-93-5).
- Yadav Saroj, Shikshan-Adhigam prakriya mein parivartan. Shaikshikia”-An Internnel journal of Educationaol Research Journal of AKWL Bhartiya Bharna Evan Sahitya Anusheelam samiti us, 12 (12), 47-51
- Yadav Saroj(2015) Alternative approach for school system.Shiksha Kalash- Half yearly research journal,6 (2), Dec. (ISSN-0976-2579).
- Yadav, N.(2015) Braj Lokgeeton ka Adhyayan, Anahad Lok,3,62-65
- Yanar K, Atukeren P, CebeT, Kunbaz A, Ozan T, Kansu AD, Durmaz D, Cakatay U and Rizvi SI (2015) Ameliorative effects of testosterone administration on renal redox homeostasis in naturally aged rats. Journal of Rejuvenation research 18 (4), 299-312
- Zaccone G, Lauriano ER, Silvestri G, Kenaley C, Icardo JM, Pergolizzi S, Alessio A, Sengar M, Kuciei M and Gopesh A (2015). Comparative neurochemical features of the innervations pattern of the gut of the basal actinopterygian, *Lepisosteus oculatus*, and the euteleost, *Clarias batrachus*. Acta Zoologica, 96: 127-139.(ISSN: 1463-6395).