RESEARCH PUBLICATIONS OF THE FACULTY

DEPARTMENT OF ANCIENT HISTORY, CULTURE & ARCHAEOLOGY

- Pandey, C.D., 'Sun-Worship in Allahabad and its adjoining areas: Art Evidences', *Sthapatyam* Volume-5, Issue 2, June 2018, New Delhi.
- Rai, S.K., History of Leather- Working Castes in India (Social Transformation and Challenges). Meena Book Publications, 2018.

DEPARTMENT OF ANTHROPOLOGY

- Khattri P. (2017). Beyond Sustainable Development: A Discourse on Sustainable Livelihood, Globalization and Vulnerability to Natural Disasters. *World Focus*. June Special Issue.
- Khattri P. (2017). Rural Livelihoods and Natural Disasters: Observations from Flood Affected Bahraich District of Uttar Pradesh. *Indian Anthropologist*. 47:2, 17-33.
- Khattri P. (2017). State, Livelihood and Extreme Events: Observations from Bahraich in Uttar Pradesh. *Journal of the Anthropological Survey of India*. 66(1-2): (49-64).
- Moharana K. C. (2017). Mental Health, Environment and Sustainable Development: Emerging Challenges. World Focus, June Special Issue.
- Patel, R. (2016). An Anthropological Look into the Demography and Practices related to Maternal and Child Health among the Jaunsarese of Uttarakhand, India. Indian Journal of Physical Anthropology and Human Genetics, 35 (2), 223-235. (Published in 2018)
- Patel, R. (2017). Toda Ethno-medicine: some observations. Voice of Intellectual Man, 7(2), 109-116.
 DOI:10.5958/2319-4308.2017.00025.1
- Patel, S., Patel, R. (2017). An Anthropological Study of Morbidity Pattern of Female Beedi Workers Residing in District Bilaspur, Chhatisgarh (India) The Social Ion, 6(1), 40-49.
- Shukla, R., Patel, R. (2017). Uttarakhand Himalaya Kshetra ki Janjatiyon mein Deshaj Gyantantra ka Manavvaigyanik Adhyayan. Samaj Bodh, 7(2), 52-56. DOI:10.5958/2321-5860.2017.00007.8
- Shukla, R., Patel, R. (2018). Deshaj Gyantantra: Ek Bahuaayami Vigyan. The Asian Man, 12 (1) accepted for publication.
- Singh, N., Patel, R. (2017). Ethnicity, Identity and Nation Building: A Study with Special Reference to the Todas of Nilgiri Hills. In: Ethnicity, Nationalism and the State in South Asia (edited by M. Jha). pp 151-164. Delhi, India: Victorious Publishers.
- Singh, R., Patel, R. (2017). Madhya Pradesh ki Bhariya Janjati mein Deshaj Gyantantra ka Manavvaigyanik Adhyayan. Samaj Bodh, 7(2), 66-69. DOI:10.5958/2321-5860.2017.00010.8

DEPARTMENT OF ARABIC AND PERSIAN

- Hafeez, Neelofar, (2017), "Mughal DaurmeinSahafat ka Irtiqa", NayaDaur, Vol. No. 6, Issue No. 72, PP 20-24.
- Hafeez, Neelofar, (2017), Meeras-e-Adab, 203 pages, Aligarh, Reflections Printers & Publication,
- Hafeez, Neelofar, (January, 2018), "AbnulHaidam", UrduDuniya, Vol. No. 20, Issue No. 1, PP 53-54.
- Hafeez, Neelofar, (October December, 2017), "DaureAlamgeerke Hindu Maurrikheen", Dabeer, Vol. No. 4, Issue No.4, PP 23- 34.
- Hafeez, Neelofar, (October 2017), "Akbar Allahabadi and Sir Syed Ahmad Khan", TehzibulAkhlaq, Vol.36, Issue No. 10, PP 251- 254.
- Mirza, Mahmood Hafiz Abdul Rub, (2017), "As- Sir Syed Ahmed Khan WaDauruhu Fi Tanmiyat-ilWaai As-Syasi Lad-al Muslimeena Fil Hind", Vol. No. 3, Issue 1&2, Arabic and Persian Research Journal, PP 6-28.
- Mirza, Mahmood Hafiz Abdul Rub, (2017), "As- Sirat-ul Atirah Le Ummaht –ilMoamineen: Namozaj Lil-Mara-til Muslimah", Al Baas –el- Islami, Vol. No. 63, Issue No. 01, PP 66-72.
- Mirza, Mahmood Hafiz Abdul Rub, (2017), "*Ummahat-ul Moamineen ka DauatiKirdar*", MuqaddasMaien, (Dr. Mohammad Tahir), PP 229-243. Delhi, Al- Noor Publications.
- Mirza, Mahmood Hafiz Abdul Rub, (2017), *Ahad-e-Nabwi Mein Khwateen ka dawatikirdar*, 157 pages, Mumbai, Islamic Fiqah Council of India.

- Mirza, Mahmood Hafiz Abdul Rub,(2017), "AS- Sir Syed Ahmed Khan WaDauruhu Fi TakreesMabda-ilIslahed Dini- Nazrat-un Khatifah", ", Journal Of the Indian Academy of Arabic, Vol. No. 37, Issue 1, PP 115-126.
- Rasheed Saleha, (2017), Jadu Raj Bali AishKeSheariMahasin, Urdu Duniya, Vol. No. 19, Issue No. 8, PP 45-47.
- Rasheed Saleha, (2017), Mini Mal, Aalami Anware Takhleeque, Vol. No. 1, Issue No. 1, PP, 73-74.
- Rasheed Saleha, (2017), Moheete Azan Se CharagaheDair Ki Janib, Dabeer, Vol. No. 4, issue No. 2nd& 3rd, PP 5-11
- Rasheed, Saleha, (2017), AkhriMombattikigirat, HamariAawaz, Vol. No. 14, Issue No. 12, PP 48-53.

DEPARTMENT OF EDUCATION

- Astalin, P.K. (2017) शिक्षा का स्वरुप धर्म निरपेक्ष! Journal of Education and Indian Perspective. Jan-Dec, 2016, Issue07, Vol.7 & 8, ISSN- 22293841.
- Astalin, P.K. (2017)ICTs and Education. Proceeding of international conference on Science, Technology and Society organized by Department of Sociology, Indore Christian College, Indore on 06th 07 January 2018.
- Astalin, P.K. (2018) Excursion Method of Teaching. Proceeding of International Seminar on Multidisciplinary Research in Tourism and Development organized by Gyan Ganga Group of Instituite, Vikramaditya College, Jabalpur, M.P. on 11th February 2018.
- Astalin, P.K. (2018) Nimn tatha Uchch Prathamik str ke vidyarthiyon me paryavaran ke prati jagrukta ka tulanatmak adhdhyan. Shaikshiki: An International Journal of Educational Research. Vol. 2, No.2, ISSN 2394-191X.
- Astalin, P.K. (2018) VartmanSamay me Paryavaran Sanrakshan evam Shiksha. Proceeding of National Seminar on Environment: Issues and Strategies organized by Department of B.Ed., ChaudharyCharan Singh PG college, Etawah on 09th 10th February 2018.
- Astalin, P.K. (2018)Excursion Method of Teaching. Proceeding of International Seminar on Multidisciplinary Research in Tourism and Development organized by Gyan Ganga Group of Instituite, Vikramaditya College, Jabalpur, M.P. on 11th February 2018.
- Astalin, P.K. (2018)Sufi Darshanka Udbhavevam Bhartiya Samaj par Prabhav. Proceeding of International Seminar on Sufism and Sufi Music organized by Department of Music and Performing Arts, University of Allahabad, Allahabad on 8-9 February 2018.
- Misra, K.S. (2017), Effect of Gender, stream, grade level and management on academic engagement of University Students. Emerging tremds in Education, 8(1), 1-6
- P. Agarwal & R. Dubey (2018). Understanding and improving emotional intelligence in teacher education programme. *International Journal of Creative Research Thought*, 6(1), 436-441.(Indexed, Impact factor 5.97)**
- Pal, S. & Misra, K.S. (2017), B.EdVidyarthiyonkemansikswasthya per social networkin site keprayog k prabhawkaadhyayan. Vidyawartya, 22(4), 153-156
- Pal, S. & Misra, K.S. (2018), a study of learning resistance among pupil teachers. International journal of research in Teacher education, 9(1), 1-5
- Pragya singh & Misra, K.S. (2017), A study of relationship between personality and learning stress among students. International journal of trend in scientific research and development, 2(1), 110-113
- R. Dubey (2017). Environmental Education: Concept, Research and Suggestions. In Nasrin (Ed) Textbook of Environmental Science. New Delhi: A.P.H. Publishing Corporation
- S. Siddiqui& R. Dubey (2018). Metacognition in the context of education: An overview. *International Journal of Research in Economics and Social Sciences*, 8(3), 481-488. (Impact factor 6.939)**
- Sahni, S.K. & Misra, K.S.(2018), A study of learning stress among B.T.C. students. International journal of research, 5(12), 2857-2861
- Sahni, S.K.&Misra, K.S.(2018), Vanchankesandarbh me adhigamdabawkaadhyayan, International journal of research, 40 (5), 161-164
- Sahoo & Sharma (2018) Student Teachers' perception towards curriculum Reform in Teacher Education Programme in Odisha. Educational Quest: An International journal of Education and Applied Social Science: Vol.9 No1pp1-11,April 2018 ISSN:2230-7311.

- Sahoo & Taufique M.S.(2017)A Study of Academic Motivation among Minority students studying in Traditional & Open Educational System in the context of Urban & Rural Background Multidiscipline Quarterly International Refereed Research Journal; Vol VII, Issue: ISSN 2231-413X.
- Sahoo & Taufique. M.S.(2018) A Study of Academic problems among Minority students studying in Uttar Pradesh Rajarshi Tondon open University Allahabad International Research journal Vol-01 Issue-37 Jan 2018 ISSN 2394-5303.
- Singh A. and Yadav V.(2017) *Bharat me mahila shikshikao ki sthiti : aalochanaatmak adhyayan*, Shiksha Shodh Manthan, A Half Yearly International referred Journal of Education, vol.3, No. 2, October 2017, ISSN: 2395-728-X UGC listed Journal
- Singh A. and Yadav V.(2018) adhyapakshiksha me naveen do varsheeyb. Ed. paathykram ka kriyanvayan evam anubhoot samasyayein: ek gunatmak adhyayan, An International multidisciplinary Half yearly research Journal GENIUS vol.VI Issue II Feb-July 2018 ISSN 2279-0489 UGC listed Journal.
- Singh A.(2017) *Dysgraphia: when learning Hurts* Book- Learning Disabilities: uncover the Myths Editor Prof. AmitaBajpai and Dr.MeenakshiDwiwedi, Kalpaz publications, New Delhi.ISBN:978-93-5128-253-8
- Singh A.,(2017) *Biodiversity and its Conservation: Concept and Suggestion* Book-Text book of Environmental Science Ed.Nasreen, APH Publishing Corporation, New Delhi, ISBN:978-81-7946-098-6
- Singh A.andJohry P.,(2017) Rethinking and Redefining women Education in the context of Feminism, Book-Education: A mirror of society Eds. InduRihani et.al., Unistar Book Pvt.Ltd., Chandigarh, ISBN: 978-93-5113-941-6
- Tiwari& R. Dubey (2018). Sustainably developing the school climate for quality education. *A Free Lance*, 20, 43-47.
- V. S. Pandey& R. Dubey (2018). Mental health among adolescents A comparative study. *Journal of Emerging Technologies and Innovative Research*, 5(3), 82-84 (Impact factor 5.87)
- V. S. Pandey& R. Dubey (2018). Relationship between academic anxiety and emotional intelligence among minority and non-minority students A study. *Scholarly Research Journal for Humanity Science & English Language*, 6(26), (Impact factor 4.44)
- V.S. Pandey& R. Dubey (2017). Relationship between mental health and family environment among senior secondary students: A study. *International Journal of Research in Economics and Social Sciences*, 7 (9), 509-518. (Indexed, Impact Factor 6.939, UGC approved)
- Yadav, D. (2017) "A Study of Achievement in Mathematics and Numerical AbilityOf Under Graduate Students" in International Refreed Journal "Navjyoti" ISSN: 2249-7331 Vol. 5, No. 11, July- Dec, 2017, pages 215-220.
- Yadav, D. (2017) "Construction and Standardization of Achievement Test in Biology" in International Journal of Research in Social Sciences ISSN 2249-2496 vol: 8 Issue 03, March, 2018.
- Yadav, D. (2017) "Preparation and Standardization of Perception Tool for On –line Examinatios" in Internation Journal SAMVAAD e- JOURNAL ISSN:2277-7490 vol- 7 Issue 01, March, 2018.
- Yadav, D. (2017) "Teacher Training in ODL mode: Weaknesses, Strengths and Suggestions" in Interdisciplinary Research Journal VEETHIKA ISSN 2231-1130Vol-8, September, 2017, Pages- 29-36.
- Yadav, D.(2017) "Madhyamik Star per BhoogolShikshan Mein Paramparagat Shikshan Vidhi Evam Daltan Shikshan Vidhi Ki Prabhavsheelata Ka Adhyayan" in An International Mulidisciplinary Refreed Journal "Journal of Socio –Educational & Cultural Research" ISSN: 2394-2878 Vol. 3, No.7, July-Dec 2017, pages 211-215.
- Yadav, S. &Chaurasia, R.(2017), Integration of ICT in Classroom: Some ReflectionsInternaional journal of English language, literature in Humanities. vol. V, No. VIII, Impact factor 5.27.
- Yadav, S. &Kumar, S. (2018), Shiksha: MahilasashaktikarankaekPrabhavisaadhan, Sambhvya, International journal of Education.
- Yadav, S. (2017), Equity and Equality of Educational Opportunities in the International seminar on Present era: some Initiations and challenges, in Education: A Mirror of Society,pp-67-73, Chandigarh, Unistar Pub. Pvt ltd.
- Yadav, S. (2017), Rashtriya Uchhatar Shiksha Abhiyan, in Higher Education in India: Issues and Challenges (edited by Panda, S.) pp-2-8, Ankit Publications, New Delhi.

DEPARTMENT OF GEOGRAPHY

- Nath Shailndra & Siddiqui, A.R. (2018), Quantification and Characterization of Waste Salected Wards of Kanpur City, India in the Journal of Pharma Cognosy and Phytochemistry Vol. 7 No. 4 pp 1735-1738, ISSN 2278-4136.
- Nath, Shailendra & Siddiqui, A.R. (2018) Distribution and moisture content of Municipal Solid Waste in different Wards of Kanpur city, India. In the Pharma Innovation Journal, Vol. No. 7, pp 989-992 ISSN 2277-7655.
- Waheed, Neda & Siddiqui, A.R. (2017) Physio-chemical anlaysis of drinking water quality in Allahabad city, India.
 The Geographer, vol. 64, No. 02 July 2017, A.M. U. Aligarh pp 76-83
- Waheed, Neda & Siddiqui, A.R. (2018) Assessment of Water, Sanitation and Hygine Condition in Urban Slums-A
 Case study of Chakiya Slum in Allahabad city, National Geographer, Vol.1 (Jan-June) July –December 2015
 published in 2018, pp. 95-102.
- Waheed, Neda & Siddiqui, A.R. (2018) Livelihood and Health Status of Urban Slums: A case study on Allahabad city, India. In the Oriental Anthropologist Vol. 18 No. 1 (Jan-June Bi Annual International Journal of the Science & Man print Pub. New Delhi.
- Yadav, Chandrashekhar & Siddiqui, A.R. (2018) Dynamics of Landuse /Land Cover change in Shankergarh Block of Allahabad district. In Research Highlights, Vol. Jan-March 2018 published by future fact society, Varanasi, India ISSN.2350-0611 UGC Journal no. 48441.

DEPARTMENT OF MEDIEVAL AND MODERN HISTORY

- Chaturvedi, Heramb., Chaturvedis of India: The Mathura Clan, New Delhi . 2017 (Har Anand Publications).
- Harish, P. S, The Revolt of 1857 and Madras Presidency with Special reference to Andhra and Tamilnadu in *Told and Untold Facets of 1857*, Edited by Awadhesh Kumar, Anamika Publisher s and Distributors, New Delhi, 2017.
- Prasad, Alok., Jawaharlal Nehru's Views on Caste-Based Social exclusion: A Critical Analysis, *Studies in Humanities and Social Sciences*, *Vol.XXV*, *No.1*, *Summer 2018*, pp. 21-30.

DEPARTMENT OF PHILOSOPHY

- Bhima Kumar, K. (2017). Interfaith Dialogue as a means to resolve conflict: some preliminary observations from Buddhism.In:Being Human in Multicultural Traditions, Cultural Heritage and Contemporary Change Series IIIB, Vol.16 (edited by K. Remi Rajani and VensusA.George). pp.443-452., Washington D.C., U.S.A: South Asian Philosophical Studies.
- Guha, D.(2017). An Overview of Professional Ethics in Application. In:Normative Ethics and Virtue Ethics, Vol. 5, part 2. (Edited by K. Basak and S. Kumar). pp. 27-45, Delhi: Disha International Publishing House.
- Guha, D.(2018) On Logic and Ethical Justification. In: Metaethics-Issues in ethics and applied ethics series, Vol. 5 part 1 (Edited by S. N. Prasad, D. Guha, A.K. Srivastva), pp.44-59, New Delhi: Concept Publishing Company, Pvt.Ltd.
- Guha, D.(2018). Epistemology and Ethics in Metaethics. In: Metaethics-Issues in ethics and applied ethics series, Vol.5 part 1 (Edited by S. N. Prasad, D. Guha, A.K. Srivastva) pp. 18-26, New Delhi: Concept Publishing Company, Pvt.Ltd.
- Guha, D.(2018). I Know that Truth Telling is Good. In:Metaethics-Issues in ethics and applied ethics series, Vol. 5 part 1 (Edited by S. N. Prasad, D. Guha, A.K. Srivastva), pp. 27-34, New Delhi: Concept Publishing Company, Pvt.Ltd.
- Guha, D.(2018). Value of Moral Skepticism. In: Metaethics-Issues in ethics and applied ethics series, Vol. 5 part 1(Edited by S. N. Prasad, D. Guha, A.K. Srivastva), pp. 35-43, New Delhi: Concept Publishing Company, Pvt.Ltd.
- Pandey, Rishi Kant. (2017). Bhakti and Praptti. Samāja Dharma evamDarśana. Vol. 34, No.1 4, pp. 16 25.
- Prasad, S.N., Guha, D. and Srivastva, A. K. (2018), Normative Ethics and Virtue Ethics. New Delhi: Concept Publishing Company Pvt. Ltd.
- Prasad. S.N., Guha D. and Srivastava, A.K. (2018) Metaethics. New Delhi: Concept Publishing Company Pvt. Ltd.
- Sahu, Gopal. (2017). Varieties of Rule Following Skepticism. Journal of Darsana, Vol. V,pp. 52-66.
- Sahu, Gopal.(2017). New Riddle of Induction: Fact and Fiction about Forecasting. Journal of Philosophy and Critical Thinkings, Vol. 2 & 3, pp. 25-38.

• Sahu, Gopal.Kusala-dhamma for Wholesome Living. (Forthcoming in the Ravenshaw Journal of Philosophy).

DEPARTMENT OF POLITICAL SCIENCE

- Issue-1, 844-848, 2455-9040
- Singh, Amit Kumar (2017), "दक्षिण एशिया में 'आर्थिक परिसंघ' की संभावनाए" National Journal of Multidisciplinary Research and Development, 2, 273-274, 2455-9040
- Singh, Amit Kumar (2017), "राजनीति में नैतिकता एवं आध्यात्मिकता की आवश्यकता एवं प्रासंगिकताए International Journal of Advanced Research and Development, 2, 314-316, 2455-4030
- Singh, Amit Kumar (2017), "दक्षिण एशिया में बहुलवादी विविधता और राष्ट्र निर्माण : एक अध्ययनए International Journal of Academic Research and Development, 2, 1060-1062, 2455-4197
- Singh, Amit Kumar (2017), "वैश्विक पर्यावरणीय संकट और गांधीवादी विचारों की प्रासंगिता"ए International Journal of Advanced Educational Research , 2, 400-402, 2455-6157
- Singh, Amit Kumar (2017), "पाकिस्तान में राजनीतिक अस्थिरता एवं स्थायी लोकतंत्र की संभावना" ए 15 Days, 150, 34-35, 2249-605X
- Singh, Amit Kumar (2017), 'अन्तर्राष्ट्रीय राजनीति में भू—राजनीतिक दृष्टि से पाकिस्तान एक महत्वपूर्ण फैक्टर के रूप में''ए Sodh Mimansa, IV, 153-154, 2348-4624
- Singh, Amit Kumar (2017), "पाकिस्तान की अंदरूनी राजनीति और आवाम की भूमिका"ए Research Discourse, VII, 48-49, 2277-2014
- Singh, Amit Kumar (2017), "पाकिस्तान की घरेलू राजनीतिक संरचना का सूक्ष्म अवलोकन"ए International Journal of Human Resources & Social Sciences, IV, 282-289, 2349-4085
- Singh, Amit Kumar (2017), "अमेरिका की 'अफ-पाक' नीति में भारत फैक्टर"ए Vidhan A Research Journal, IV, 133-135, 2230-9896
- Singh, Amit Kumar (2017), "बदलते परिदृश्य में पाकिस्तान में अमेरिका व चीन की बढ़ती भूमिका"ए International Journal of Creative Research Thoughts, 6, 779-784, 2320-2882
- Singh, Amit Kumar (2017), "मोदी सरकार की 'फास्ट ट्रैक' कूटनीति (पड़ोसी देशों के विशेष संदर्भ) में"ए International Journal of Research and Analytical Reviwes, 5, 11-13, 2449-5138
- Singh, Amit Kumar (2017), "विश्व शक्ति के रूप में चीन का उदय : भारत की चुनौतियाँ"ए Vidyawarta, 13, 163-165, 2319-9318
- Singh, Amit Kumar (2017), "दक्षिण एशिया और हिन्द महासागर में भारत की चुनौतियाँ एवं संभावनाएँए World Focus, 72, 114-117, 2231-0185
- Sonker Nidhi, Concept Of Political Empowerment Of Women, Anukriti, 5-7, 153-158, 2250-1193
- Sonker Nidhi, Role Of Women And Womens' Organisation , International Journal of Advanced Research and Development , 3, 1304-1307, 2455-4030
- Ansari, Mohammad Azaharuddin (2017), The Paradox of Thinking Sustainable Development in a Neoliberal Age: A Theoretical Perspective, Society and Politics, Volume 7(02), 106-115, 2248-9479
- Ansari, Mohammad Azaharuddin (2018), Explaining Communal Consciousness in Independent India: Taking Stock of Castization of Politics; Globalization and the Media, Research Journal of Humanities and Social Sciences, Volume 9(1), 269-276, (O):0975-6795, (P):2321-5828)
- Tripuresh Pathak (2017). Constructivism in the Era of Technological Singularity, Indian Journal of Society and Politics., Volume 04(03). P 43-48, 2348-0084(P)
- Tripuresh Pathak (2017). Constructivist Analysis of Postmodernism in the Contemporary Context, Journal of Politics & Governance, Volume 06(03), 39-46; 2278 473X
- Kumar, Jitendra, Bhartiya Loktantra Ke Badalte Parivrtya, International Journal of Advanced Research and Development, Vol. 2; Issue 1, January 2017, P. No. 119-120, 2455-4030
- Kumar, Jitendra, Loktantra Me Matratamak Evm Gunatmak Pariwartan Tatha Jansahbhagita, , National Journal of Multidisciplinary Research and Development, Vol. 2; Issue 2; May 2017;, P. No. 183-184, 2455-9040
- Kumar, Jitendra, Loktantrik Prani Ki Taknik Evm Tatva, International Journal of Advanced Educational Research, Vol. 2; Issue 4; July 2017;, P.No. 222-224, 2455-6157

- Kumar, Jitendra, Nirvachan Ki Prakriya Ki Vichar Mimansha, Review of Research, Vol. 7; Issue 1, Oct. 2017, P. No. 33-36, 2249-894X
- Kumar, Jitendra, Nirvachan Ke Sidhant, Research Directions, Vol. 5; Issue 4; Oct. 2017;, P. No. 61-64, 2321-5488
- Kumar, Jitendra, Bhartiya Sanskriti Krityagya Bhav-Bodh Evm Paryavaran Sanrakshan, Research Dimensions, Vol. 3; Issue 8; Oct. 2017;, P. No. 27-29, 2249-3867
- Kumar, Jitendra Bhartiya Loktantrik Prakriya Me Panthnirpeschta Ka Anuprayog, Indian J. Soc.& Pol., Vol.04(02):2017, P. No.137-142, 2455-2127
- Kumar, Jitendra, Bharat Me Sampradayikta Ki Rajneeti, , International Journal of Advanced Educational Research, Vol. 3; Issue 2; March 2018; P. No. 323-324, 2455-6157
- Kumar, Jitendra, Bhartiya Nirvachan Prakriya Me Matdataon Ka Matdan Aacharan:Pratham Aam Chunav Se Addtan Tak, ,
- International Journal of Advanced Research and Development, Vol. 3; Issue 2; March 2018, P. No. 883-886, 2455-4030
- Kumar, Jitendra, Bhartiya Rajneeti Me Kshetriya Asmita Ka Prashn, , National Journal of Multidisciplinary Research and Development, Vol. 3; Issue 1; January 2018;, P. No. 849-851, 2455-9040
- Kumar, Jitendra, Bharat Me Samvid Sarkar: Ek Samyiksinghavlokan, Review of Literature, Vol. 5; Issue 3; Oct. 2017; P. No. 75-77, 2347-2723
- Kumar, Jitendra, Sanskriktik Rastravad:Bhartiya Rashtravad Ki Mul Chetna, Tactful Management Research Journal, Vol. 6; Issue 1; Oct. 2017;, P. No. 1-3, 22319-7943
- Ansari, Mohammad Azaharuddin (2017), Relationship Between Development and Security: From Macro to Micro. Cost and Results of Development in India: Challenges and Issues (edited by Sandeep Giri & Anil K. Chaudhary), 229-240, Varanasi, India: Pilgrims Publishing, ISBN: 978-93-5076-174-8.
- Tripuresh Pathak (2017), Myth of Universally Applicable Development Model, Cost and Results of Development in India: Challenges and Issues (edited by Sandeep Giri & Anil K. Chaudhary), 166-175. Varanasi, India: Pilgrims Publishing, ISBN: 978-93-5076-174-8.
- Yadav Anil Kumar Apr. -2017, "सार्कः क्षेत्रीय एकीकरण की संभावना"ए Journal of Humanities and culture , Vol. IV, 139-145, 2393-8285
- Dileep Kumar (April-June, 2017), Mohan Se Mahatma Tak Ka Prarambhik Safar), Pratibha, II, 114-116, 0974-522X
- Yadav Anil Kumar July -2017, "सार्क के विशेष सन्दर्भ में भारत—पाक संबंधों का मूल्यांकन"ए Journal of Humanities and Culture, Vol. IV, 101-105, 2393-8285
- Yadav Anil Kumar Oct. -2017, "नई विश्व व्यवस्था में सार्क की भूमिका"ए Asian Journal of Advance Studies , Vol. III, 176-181, 2395-4965
- Yadav Anil Kumar Dec. -2017, "सार्क के साये में भारत पाक संबंध"ए Annals of Multi-Disciplinary Research, Vol. VII, 205-210, 2249-8893
- Yadav Anil Kumar Dec. -2017, "सार्क के परिप्रेक्ष्य में मालदीव के प्रयत्न और लक्ष्य "ए JIGYASA, An InterdisciplinaryReferred Research Journal, Vol. X, 64-70, 0974-7648
- Saurabh, Kumar (Dec. 2017), Bharat Mein Samaveshi Loktantra: Visangatiyan Evam Sudhar, Interdisciplinary Journal of contemporary Research, Volume- 4 No. 6, pp. 77-80, 2393-8358
- Yadav Anil Kumar Jan. -2018, "भारत सार्क तथा अन्य क्षेत्रीय संगठनों के साथ बढ़ते कदम"ए National Journal of Multidisciplinary Research and Development, Vol. III
- Yadav Anil Kumar Jan. -2018, "सार्क और भारतीय नेत्रत्व"ए Shodh Dristiti (An Inter- national Poor Reviewed Refereed Research Journal, Vol. IX No.- 2, 191-195, 0976-6650
- Yadav Anil Kumar Jan. -2018, "सार्क के वैश्विक राजनीतिक परिप्रेक्ष्य में 'भूटान''ए Navdrishti Research Journal , Vol. I, 146-149, 2319-8303
- Dileep Kumar (January 2018), Kya Gandhivadi Marg Se Jati Vyavastha Ka Ant Sambhav Hai, Sodh Pravaha, VIII, 107-111, 2231-4113

- Yadav Anil Kumar Feb. -2018, "भारत की ऊर्जा कूटनीति (सार्क के विशेष सन्दर्भ में)"ए Shodh Dristiti , Vol. IX, 122-126, 0976-6650
- Yadav Anil Kumar Feb. -2018, ''सार्क और आतंकवाद''ए Interdisciplinary Journal of Contemporary Research, Vol. V No. 5, 89-94, 2393-8358
- Yadav Anil Kumar Mar. -2018, "दक्षिण एशिया के बदलते स्वरुप और सार्क"ए International Journal of Advanced Educational Research, Vol. III, Issue-2, 315-317, 2255-6157
- Yadav Anil Kumar Mar. -2018, "सार्क के बदलते परिवेश में दक्षिण एशिया विश्वविद्यालय का स्वरुप"ए International Journal of Advanced Research and Development, Vol. III Issue-2, 857-859, 2455-4030
- Yadav Anil Kumar Mar. -2018, "सार्क के सपने और उन्हें पूरा करने का प्रयास"ए Interdisciptinary Journal of Contemporay Research, Vol. V 65-69, 2393-8558
- Dileep Kumar (january March 2018), Swacch Bharat Mission Ke Sandarbh Mein Mahatma Gandhi Ke Vicharo Ki Prasangikta, Parmita, IV, 123-126, 0974-6129
- Saurabh, Kumar, (March 2018), Panchayaton Ki Swayattata: Vartman Paridrishy, International Journal of Advanced Educational Research, Volume-3; Issue 2, pp. 185-187, 2455-6157
- Saurabh, Kumar (March 2018), Eak Rashtra Eak Chunav: Chunautiyan Evam Sambhanayen, International Journal of Advanced Research and Development, Volume-3; Issue 2, pp. 521-524, 2455-4030
- Gupta, Neha (March 2018), Globalization And Challenges To Panchayati Raj Institutions, International Journal of Academic Research and Development, Volume-3; Issue 2, pp. 957-960, 2455-4197
- Gupta, Neha (March 2018), Ethnicity In North-East India: A Challenge To Identity, International Journal of Advanced Educational Research, Volume-3; Issue 2, pp. 292-294, 2455-6157
- Gupta, Neha (March 2018), Socio-Economic And Health Conditions Of Marginalized Groups Unorganised Working Class Women, International Journal of Advanced Research and Development, Volume-3; Issue2, pp. 843-846, 2455-4030

DEPARTMENT OF PSYCHOLOGY

- Ali, A. A., Kohli, N. and Yadav, S. (2017). A systematic review of illness perceptions and coping among cancer patients in India. Indian Journal Of Health And Wellbeing, 8 (11), 1309-1319.
- Kohli, N. and Thapa, K. (in press). Clinical and health interventions: Working towards an integrative approach. Chapter submitted for proceedings of the 25th NAoP convention.
- Kumar, R. (in press). Inclusive development: Addressing feelings of relative deprivation among minorities. In J. Pandey, R. Kumar and K. Thapa (Eds.). Psychological perspectives on diversity and development. New Delhi: Springer.
- Kumar, V. and Kohli, N. (2017). Causal beliefs and coping with illness: A qualitative study of living with type-2 diabetes. Indian Journal of Health and Wellbeing. 8 (10), 1190-1193.
- Maral, P. and Kumar, V. (2017). Family structure and decision-making power among working and non-working women. IAHRW International Journal of Social Sciences Review, 5(4), 574-580.
- Pandey, J., Kumar, R., & Thapa, K. (Eds.) (in press). Psychological perspectives on diversity and development. New Delhi: Springer.
- Thapa, K. (in press). Introduction. In J. Pandey, R. Kumar and K. Thapa (Eds.). Psychological perspectives on diversity and development. New Delhi: Springer.
- Yadav, S. and Kohli, N. (2017). Organizational effectiveness through the Lessons of Bhagwat Gita. The International Journal of Indian Psychology, 4 (4), 2349-3429.

DEPARTMENT OF SOCIOLOGY

- Illath, Muneer (2017) "Tanneries and *Tijarat*: Social and Economic Vulnerabilities of Muslim Leather Workers in India" in Harijan, Vikram (ed.) *History of Leather Working Castes in India: Social Transformation and Challenges*. New Delhi: Meena Publications, 2017.
- Sahoo, S. and Mohanty, S. (2017). Contested Reproduction and Cultural Change: The Case of Odisha. Social Change, 47,565-581, ISSN: 0049-0857, SAGE Publications.

- Saxena, Ashish (2017) 'Religiousity, Environmental Strands And Social Justice: A Multi-Dimensional Analysis Of Kumbh Mela At Allahabad City', co-author Ashish Saxena in 'Manish K Verma (eds.) "Globalization Social Justice and Sustainable Development in India", Gyan Publisher, New Delhi, 2017 (ISBN: 978-81-2121-41-55).
- Saxena, Ashish (2017)"Adhunik Bharat me Dharmikta evam Swachta: Ek Samajshastriya Paripeksh" in 'Bhartiya Samajshastra Sameeksha' (under Bhartiya Samajshastra Parishad); January To June, Volume 4 (2); 2017 (ISSN: 2349-1396), SAGE Publication.
- Saxena, Ashish (2017), "State Initiatives and Lower castes in India: Analyzing mobility of the Scheduled Castes in Jammu Region" in 'Sociological Bulletin'; Volume 66 (3), 1-17; 2017 (ISSN: 0038-0229), SAGE Publication.

DEPARTMENT OF URDU

- Kumar Sanjay (2017), Sanskrit Falsata e- imbisat Aur Urdu Shayri July 2018, Ajkal Urdu Monthly Delhi.
- Kumar Sanjay (2017), "Nida Moid Ke Kalam Mein Hindu Muslim Ekta" Nida Fazli U.P Urdu Academy , Shakhsiyat Series 2 Edited By Prof. A.A.Fatmi.

DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION

- Nandan, S., Halkias, D., Thurman, P., Komdoromos, M., Alserhan, B., Adendorff, C.,...Zacca, J. (2018). Assessing Cross-National Invariance of the Three-Component Model of Organizational Commitment: A Cross-Country Study of University Faculty. EuroMed Journal of Business. Accepted for Publication. Forthcoming in 2018.
- Nandan, S., Agrahari, P. (2018). Does training lead to talent retention? Indications from literature. International Journal of Management & Information Technology "Sanchyan", 7(1), 66-83.
- Nandan, S. & Jyoti (2017). Employee Engagement Practices and Challenges in Today's Business Organization: A Study of IT Sector. International Journal of Research in Business Studies, 2, 95-105.
- Nandan, S. & Kushwaha, A. (2017). Role of NGOs in skills development and micro-entrepreneurship promotion among women: A study of Allahabad district. Management Dynamics, 17, 38 50.
- Nandan, S. (2018). Human Resource Management in Startups in Digital Age: Practices and Challenges. In Ed Bhattacharjee, A., *Digital Impact on HR Practices*. New Delhi: Mittal Publications

DEPARTMENT OF LAW

- Singh Ajai: Judicial Process in India Exploring part for the perfect. Journal of Legal views and reviews (JLVR) ISSN 2456-3153 (A peer Reviewed Refereed Journal quarterly) Vol No. 2 Issue No. Aug 2017 published by Sanskrit Welfare Trust at Page 8-16
- Singh Ajai: Role of scientific technique in criminal investigation Journal of the legal studies (referred) Vol XL VIII year 2017 ISSN: 2321-8452 Page 150-157 published department of law University of Rajasthan Jaipur Chapter Uniform civil code Vis-à-vis protection of right of women under customary laws, Book constitutional law and uniform civil code in India at page 25-35 publication ABS publication Delhi.
- Singh Ajai: Women and Sexual assault: A Critical Punishment or Restoration approaches at Page 14-20 International multidisciplinary bilingual Vidhan quarterly refereed journal Year 7 Vol 3 Sept 2017 ISSN; 2330-9896 Published by Remeshwarnath social and Welfare foundation 634-A Bhagmbari Gaddi Allapur Allahabad
- Verma Mukta- AD VALOREM Journal of Law: Vol 5 Issue I: January March 2018 ISSN: 2348-5485 "Right to Privacy in Virtual World: Issues and Challenges"
- Verma N.P., AD VALOREM, ISSN: 2348-5485 Vol: 4, Issue: IV Oct-Dec, 2017: The Enlargement of United Nations Security Council and India" Page No. 12-14
- Verma N.P.: Book Multifolds of Noise Pollution : Legal and other Perspective" Publisher Adhyayan Publishers and Distributors, New Delhi, ISBN : 978-81-8435-608-3

DEPARTMENT OF BIOCHEMISTRY

- Al-Qahtani, F A., Arafah, M., Sharma, B., Siddiqi, N.J. (2017) Effects of alpha lipoic acid on acrylamide-induced hepatotoxicity in rats. Cellular and Molecular Biology, 63, 1-6.
- Belwal, T., Devkota, H.P., Singh, M.K., Sharma, R., Upadhyayay, S., Joshi C., Bisht K., Gour, J.K., Bhatt, I. D., Rawal, R.S., Pande, V. St. John's Wort (Hypericum perforatum). Nonvitamin & Nonmineral Nutritional

- Supplements. 1st Edition. (edited by S. Nabavi, and S. Ana) pp 1-18. National Institute of Agrarian & Veterinary Research, Portugal. ELSEVIER. (Accepted in 2017).
- Chaudhary, M.K., Singh, S. and Rizvi, S.I. (2017) Redox imbalance in a model of rat mimicking Hutchinson-Gilford progeria syndrome, Biochemical and Biophysical Research Communications. 491, 361–367.
- Dwivedi, A., Singh, S. and Mittal, P. C. (2018). Combining Metal Chelator and Antioxidant Improves Amelioration of Induced Lipid Peroxidation in the Human Erythrocyte Membrane. Journal of Life Science, 10(1): 47-57.
- Garg, G., Singh, S., Singh, A.K. and Rizvi, S.I. (2017) Antiaging Effect of Metformin on Brain in Naturally Aged and Accelerated Senescence Model of Rat, Rejuvenation Research.
- Gupta VK and Sharma, B. (2017). Role of Phytochemicals in Neurotrophins Mediated Regulation of Alzheimer's Disease. International Journal of Complementary and Alternative Medicine, 7(4), 00231.
- Gupta VK. and Sharma, B. (2017). Role of Phytochemicals in Neurotrophins Mediated Regulation of Alzheimer's Disease. International Journal Complementary and Alternative Medicine, 7(4), 00231.
- Gupta, A., Ganguly, R. and Pandey A.K. (2018). Other Secondary Metabolites. In: Secondary Metabolite and Functional Food Components: Role in Health and Disease, (edited by S. Kumar). pp 99-122. New York, USA: Nova Science Publishers, Inc.
- Gupta, A., Kumar, R., Kumar, S. and Pandey, A.K. (2017). Pharmacological aspects of *Terminalia belerica*. In: Molecular Biology and Pharmacognosy of Beneficial Plants. Plants (edited by A.A. Mahdi, M. Abid, M.M.A.A. Khan, M.I. Ansari and R.K. Maheshwari). pp 52-64. Delhi: Lenin Media Pvt. Ltd. Eds.
- Gupta,VK. and Sharma, B. (2017). Forensic Applications of Indian Traditional Toxic Plants and their Constituents. Forensic Research & Criminology International Journal, 4 (1), 00101.
- Gupta,VK., Singh, R. and Sharma, B. (2017) Phytochemicals mediated signaling pathways and their implications in cancer chemotherapy: challenges and opportunities in phytochemicals based drug development: A review. Biochemical Compounds. 5, 1-15.
- Jaiswal S.K., Gupta V.K., Ansari Md D., Siddiqi N.J., Sharma B. (2017) Vitamin C acts as a Hepatoprotectant in Carbofuran Treated Rat Liver Slices I vitro. Toxicology Reports, 4, 265–273.
- Jaiswal, S K, Gupta, VK., Siddiqi, NJ., Sharma, B. (2017) Curcumin mediated attenuation of carbofuran induced toxicity in the heart of Wistar rats. Cellular and Molecular Biology, 63, 12-17.
- Khushboo and Sharma, B. (2017). Antidepressants: Mechanism of Action, Toxicity and Possible Amelioration. Journal of Applied Biotechnology and Bioengineering, 3(5), 00082.
- Klochkov, SG., Neganova, ME., Yarla, NS, Parvathaneni, M., Sharma, B., Tarasov, VV., Barreto, G., Bachurin, SO., Ashraf, GM. and Aliev, G. (2017) Implications of farnesyltransferase and its inhibitors as a promising strategy for cancer therapy. Seminars in Cancer Biology, 2017 Oct 31. pii: S1044-579X(17)30044-5.
- Kumar, D. and Rizvi, S.I. (2017) Black tea supplementation augments redox balance in rats: relevance to aging, Arch. Physiol. Biochem. 123, 212–218.
- Kumar, R., Gupta, A. and Pandey A.K. (2017). Therapeutic potential of *Aloe vera* (L.) Burm F.: A miracle gift of nature. In: Phytochemistry and Pharmacology of Medicinal Herbs (edited by A.A. Mahdi, M. Abid, M.M.A.A. Khan and R.K. Maheshwari). pp 271-280. Delhi: Lenin Media Pvt. Ltd.
- Kumar, R., Singh, A.K. and Pandey, A.K. (2018). Phenolics. In: Secondary Metabolite and Functional Food Components: Role in Health and Disease (edited by S. Kumar). pp 13-32. New York, USA: Nova Science Publishers, Inc.
- Kumar, S. and Pandey A.K. (2017). Oxidative stress-related microRNAs as diagnostic markers: A newer insight in diagnostics. In: Oxidative Stress: Diagnostic Methods and Applications in Medical Science (edited by P.K. Maurya and P. Chandra). pp 113-125. Singapore: Springer Nature.
- Niranjan, R., Ritambhara, Mishra, K.P., Vijayaraghavalu, S., Goel, A. and Kumar, M. (2017). The Role of MicroRNA-21 and Autophagy in Liver Fibrosis. J Liver, 6, 3.
- Pandey, K. B. and Rizvi, S.I. 2017 Plant Polyphenols in Healthcare and Aging, in Nutritional Antioxidant Therapies: Treatments and Perspectives, Editors: Al-Gubory, Kaïs Hussain, Laher, Ismail (Eds.), 267-282, Springer, USA.

- Pandey, A.K. (2017). Electron Transport System. In: Carbohydrate Metabolism: Theory and Practical Approach (edited by S. Kumar). pp 63-82. New York, USA: Nova Science Publishers, Inc.
- Putta, S., Peluso, I., Yarla, N.S., Kilari, E.K., Bishayee, A., Lu, D.Y., Barreto, G.E., Ashraf, G.M., Scotti, L., Scotti, M.T., Singla, R.K., Alexiou, T., Atanasov, A.G., Tarasov, V.V., Bramhachari, P.V., Imandi, S.B., Chintala, M., Sharma, B., Reale, M., Filosa, R., Aliev, G., Kamal, M.A.(2017). Diabetes mellitus and male aging: Pharmacotherapeutics and clinical implications. Current Pharmaceutical Design, 23(30), 4475-83.
- Ritambhara, Kumar, A., Srivastava, D.S.L., Vijayaraghavalu, S. and Kumar, M. (2017). GSTM1/ GSTT1 Gene Polymorphism in North Indian Population and their Association to Hypertension. *Biosciences Biotechnology Research Asia*, 14(4), 1269-1275.
- Saraswat, K. and Rizvi, S.I. (2017) Novel strategies for anti-aging drug discovery, Expert Opin Drug Discov. 12, 955–966.
- Sharma, A.K., Sharma, U.K. and Pandey A.K. (2017). Protective effect of Bauhinia variegata leaf extracts against oxidative damage, cell proliferation and bacterial growth. Proceedings of the National Academy Sciences, India, Section B Biol. Sci., 87(1), 45-51.
- Sharma, U.K., Kumar, R., Gupta, A., Ganguly, R. and Pandey, A.K. (2018). Renoprotective effect of cinnamaldehyde in food color induced toxicity. 3 Biotech, 8, 212.
- Sharma, U.K., Sharma, A.K., Gupta, A., Kumar, R., Pandey, A. and Pandey, A.K. (2017). Pharmacological activities of cinnamaldehyde and eugenol: antioxidant, cytotoxic and anti-leishmanial studies. Cellular and Molecular Biology (Noisy-le-grand), 63(6), 73-78.
- Sharma, U.K., Singh, C.G. and Pandey, A.K. (2017). Effect of petroleum based energy sources on human health. Advanced Scientific Research, 2(2): 12-15. ISSN: 2456-7744.
- Singh MK, Sharma B. and PK Tiwari (2017) The small heat shock protein Hsp27: Present understanding and future prospects. Journal of Thermal Biology, 69, 149–154.
- Singh, A.K., Bissoyi, A., Kashyap, M.P., Patra, P.K. and Rizvi, S.I. (2017) Autophagy Activation Alleviates Amyloid-β-Induced Oxidative Stress, Apoptosis and Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells, Neurotoxicity Research. 32, 351–361.
- Singh, A.K., Ganguly, R., Kumar, S. and Pandey, A.K. (2017). Microalgae: A source of nutraceutical and industrial products. In: Molecular Biology and Pharmacognosy of Beneficial Plants (edited by A.A. Mahdi, M. Abid, M.M.A.A. Khan, M.I. Ansari and R.K. Maheshwari). pp 34-51. Delhi: Lenin Media Pvt. Ltd.
- Singh, A.K., Garg, G., Singh, S. and Rizvi, S.I. (2017) Synergistic Effect of Rapamycin and Metformin Against Age-Dependent Oxidative Stress in Rat Erythrocytes, Rejuvenation Research. 20, 420–429.
- Singh, A.K., Kashyap, M.P., Tripathi, V.K., Singh, S., Garg, G. and Rizvi, S.I. (2017)Neuroprotection Through Rapamycin-Induced Activation of Autophagy and PI3K/Akt1/mTOR/CREB Signaling Against Amyloid-β-Induced Oxidative Stress, Synaptic/Neurotransmission Dysfunction, and Neurodegeneration in Adult Rats, Molecular Neurobiology. 54, 5815–5828.
- Singh, A.K., Singh, S., Garg, G. and Rizvi, S.I. (2017) Rapamycin mitigates erythrocyte membrane transport functions and oxidative stress during aging in rats, Archives of Physiology and Biochemistry. 1–9.
- Singh, N., Gupta, VK., Kumar, A., Sharma, B. (2017) Synergistic Effects of Heavy Metals and Pesticides in Living Systems. Frontiers in Chemistry, 5, 70.
- Singh, S., Singh, A.K., Garg, G. and Rizvi, S.I. (2018) Fisetin as a caloric restriction mimetic protects rat brain against aging induced oxidative stress, apoptosis and neurodegeneration, Life Sciences. 193, 171–179.
- Singh, A., Gupta, VK., Tiwari, S., Gopesh, A. and Sharma, B. (2017) Time course studies on impact of low temperature exposure on the levels of protein and enzymes in fifth instar larvae of Philosamia ricini (lepidoptera: satuniidae). Biochemistry and Analytical Biochemistry (Ahead of print)
- Yarla NS, Sukocheva O, Peluso I, Putta S, Veerabrahmachari P, Yadala R, Tiwari DK, Jagarlamudi S, Scotti L, Scotti MT, Reale M, Kamal MA, Ghulam A, Sharma B., Parvathaneni M, Rao CV, Mannarapu M, Bishayee A. (2017). <u>Targeting Arachidonic Acid Pathway-Associated NF-κB in Pancreatic Cancer</u>. In: Role of transcription factors in Gastrointestinal malignancies. Springer Nature Singapore Pte Ltd.

DEPARTMENT OF BOTANY

- Arif, N., Yadav V., Singh S., Tripathi D. K., Dubey N.K., Chauhan D. K. (2017). Interaction of Copper Oxide Nanoparticles with Plants. Nanomaterials in Plants, Algae, and Microorganisms. DOI: 10.1016/B978-0-12-811487-2.00013-X.
- Bhupendra N S Yadav, Gyan P Srivastava, Niharika Singh, Rajiv K Yadav, Molecualr Phelogenetic study of Arsenic Tolerant Genes-A computational Approach presented at National Conference on Ecological Imbalance: A Threat to Flora, Fauna, Economy and Human Survival 22-23, September, 2017 Vigyan Parishad Auditorium, Allahabad, Uttar Pradesh
- Bhupendra N S Yadav, Gyan P Srivastava, Niharika Singh, Rajiv K Yadav, A computational study of the diversity of cadmium tolerant soil micro-eukaryotes and their expressed genes at Association of Microbiologists of India held at BBAU, Lucknow India
- Das, A., Arriola, F, M., Singh, S, K., Jha, P, K., Kumar, M. (2017) Nutrient dynamics of the Brahmaputra (tropical river) during the monsoon period. Desalination and Water Treatment. 76: 212–224.
- Durgesh K. Tripathi, Ashutosh Tripathi, Shweta, Swati Singh, Yashwant Singh, Kanchan Vishwakarma, Gaurav Yadav, Shivesh Sharma, Vivek K. Singh, Rohit K. Mishra, N K. Dubey, R G. Upadhyay, Yonghoon Lee, Devendra K. Chauhan, (2017), Uptake, accumulation and toxicity of silver nanoparticle in autotrophic plants, and heterotrophic microbes: A concentric review, Frontiers in microbiology, 8:7. doi:10.3389/fmicb.2017.00007
- Gaur S., Tripathi D. K., Chauhan D. K., Peralta-Videa J. R. (2017). Availability and Risk Assessment of Nanoparticles in Living Systems. In book: Nanomaterials in Plants, Algae, and Microorganisms. DOI: 10.1016/B978-0-12-811487-2.00001-3.
- Gyan P Srivastava, Ravi k yadav, Computational Analysis For GPCR In Rice & Soybeans Proteome And Their Evolutionary Relationship presented at National Conference on Ecological Imbalance: A Threat to Flora, Fauna, Economy and Human Survival 22-23, September, 2017 Vigyan Parishad Auditorium, Allahabad, Uttar Pradesh
- Kumar, D., Tripathi, D. K., Liu, S., Singh, V. K., Sharma, S., Dubey, N. K., & Chauhan, D. K. (2017). Pongamia pinnata (L.) Pierre tree seedlings offer a model species for arsenic phytoremediation. *Plant Gene*, 11, 238-246.
- Niharika Singh Gyan P Srivastava, Bhupendra N. S. Yadav, Rajiv Kumar Yadav A computational study of the
 diversity and conserve motifs of lead tolerant genes expressed in eukaryotic microbes at International
 BioSangam 2018 "International Conference on Innovations and Translational Dimensions: Food, Health and
 Environmental Biotechnology.
- Sharma, S., Jha,P,K., Jindal, T., Ranjan, M, R., Singh, U,K.(2017) Assessment of nutrient concentration in sediment of Yamuna river, India. Pollution Research.36:116-122.
- Sharma, S., Jha, P, K., Ranjan, M, R. Singh, U, K., Jindal, T. (2017) Water Quality Monitoring of Yamuna River by Using GIS Based Water Quality Index in Delhi, India. Int. J. Curr. Microbiol. App. Sci. 6(2): 1249-126.
- Sharma, S., Jha,P,K., Ranjan, M, R. Singh, U,K., Kumar,M., Jindal, T (2017) Nutrient Chemistry of River Yamuna, India. Asian Journal of Water, Environment and Pollution, 14(2): 61-70,
- Shweta, Vishwakarma, K., Sharma, S., Narayan, R. P., Srivastava, P., Khan, A. S., Dubey, N. K., & Chauhan, D. K. (2017). Plants and Carbon Nanotubes (CNTs) Interface: Present Status and Future Prospects. In *Nanotechnology* (pp. 317-340). Springer, Singapore. [Impact Factor-3.440]
- Singh, S., Tripathi, D. K., Singh, S., Sharma, S., Dubey, N. K., Chauhan, D. K., & Vaculík, M. (2017). Toxicity of aluminium on various levels of plant cells and organism: a review. *Environmental and Experimental Botany*, 137, 177-193. [Impact Factor- 4.369]
- Singh, S., Vishwakarma, K., Singh, S., Sharma, S., Dubey, N. K., Singh, V. K., & Chauhan, D. K. (2017). Understanding the plant and nanoparticle interface at transcriptomic and proteomic level: a concentric overview. *Plant Gene*, 11, 265-272.
- Singh, V. P., Singh, S., Tripathi, D. K., Prasad, S. M., & Chauhan, D. K. (Eds.). (2017). *Reactive Oxygen Species in Plants: Boon Or Bane-Revisiting the Role of ROS*. John Wiley & Sons.
- Singh, Vivek Kumar, Anjana Devi, Surbhi Pathania, Vinay Kumar, Durgesh Kumar Tripathi, Shivesh Sharma, Devendra Kumar Chauhan, Virendra Kumar Singh, and Vassilia Zorba. "Spectroscopic investigation of wheat grains (Triticum aestivum) infected by wheat seed gall nematodes (Anguina tritici)." *Biocatalysis and Agricultural Biotechnology* 9 (2017): 58-66.

- Singhal, A., Kumar, M., Bhattacharya, M., Kumari, N., Jha, P. K., Chauhan, D. K., & Thakur, I. S. (2018). Pretreatment of Leucaena leucocephala wood by acidified glycerol: optimization, severity index and correlation analysis. *Bioresource Technology*. [Impact Factor- 5.65]
- Tripathi, A., Liu, S., Singh, P. K., Kumar, N., Pandey, A. C., Tripathi, D. K., & Sahi, S. (2017). Differential phytotoxic responses of silver nitrate (AgNO3) and silver nanoparticle (AgNps) in Cucumis sativus L. *Plant Gene*, 11, 255-264.
- Tripathi, D K, Swati S, Singh VP, Prasad SM, Dubey NK, and Chauhan DK. "Silicon nanoparticles more effectively alleviated UV-B stress than silicon in wheat (Triticum aestivum) seedlings." *Plant Physiology and Biochemistry* 110 (2017): 70-81.
- Tripathi, D. K., Ahmad, P., Sharma, S., Chauhan, D. K., & Dubey, N. K. (Eds.). (2017). *Nanomaterials in Plants, Algae, and Microorganisms: Concepts and Controversies* (Vol. 1). Academic Press.
- Tripathi, D., Dwivedi, M. M., Tripathi, D. K., & Chauhan, D. K. (2017). Silicon bioavailability in exocarp of Cucumis sativus Linn. *3 Biotech*, 7(6), 386. [Impact Factor-1.36]

DEPARTMENT OF CHEMISTRY

- Dubey, R.K., Anjum, Afreen, Jaiswal, Nitesh and Kumar, Manoj (2018) Synthesis, spectral studies and DFT calculation of copper (II) complexes with mixed ligands, *Asian J. Chem.*, 30(7), 1679-1684,.
- Dubey, R.K., Anjum, Afreen, Paswan, Sikandar and Kumar, Manoj (2018) Studies of Isopropoxide bridge Hetero-bimetallic complexes: Synthesis, spectral, morphology and Antimicrobial., *Bulletin of Pure & Applied Sciences- Chemistry*, 37C(2),25-32...
- Dubey, R.K., Jaiswal, and Nitesh, 2017) Recent development in synthesis and biological application of organotin complexes, Nitesh Jaiswal and , Raj Kumar Dubey, *Asian J. Research Chem*; 10(4), 436-440.
- Dubey, R.K., Kushwaha, Ajeet Kumar, Meenakshi, and Singh Avadhesh Pratap (2017) Synthesis and spectroscopic (¹H, ¹³C, ⁵¹V NMR) and FT-IR investigation of some vanadium(V) Schiff base complexes; Ajeet Kumar Kushwaha, Meenakshi, Avadhesh Pratap Singh and Raj Kumar Dubey; *J. Indian Chem. Soc.* 94, 1-8,.
- Dubey, R.K., Kushwaha, Ajeet Kumar, Meenakshi, Jaiswal, Nitesh, and Singh Avadhesh Pratap (2017) Antimony(III) and bismuth(III) complexes containing O and N chelating ligands: synthesis, spectral FT-IR, (¹H, ¹³C) NMR] and mass studies,. *Main Group Met. Chem.*, 40(1-2), 41-45,.
- Dubey, R.K., Mishra, Sharad Kuamr, Jha, Ashok Kumar and Kumar, Manoj (2018) Synthesis and physicochemical studies of Cobalt(II), Nickel(II), Copper(II) complexes with various Schiff bases containing oxygen and nitrogen donor atoms.. J. Indian Chem. Soc., 95, 527-532,..
- Malviya, T., Joshi, S., Dwivedi, L.M., Shehala, Pandey, A.K. Singh, V., Synthesis of Aloevera/Acrylonitrile based Nanoparticles for targeted drug delivery of5-Aminosalicylic acid (2018) International Journal of Biological Macromolecules, 106, 930-939.
- Mani, Dinesh, Sahu Vipin, Effect of Cd x Zn Interaction on spinach, Vij. Par. Anusandhan Patrika, Vol. 60, No. 3-4, P 17-23.
- Mani, Dinesh, Sahu Vipin, Effect of Cd x Zn Interaction on spinach, Vij. Par. Anusandhan Patrika, Vol. 60, No. 3-4, P 17-23.
- Mani, Dinesh, Sahu, Vipin, Effect of Cd x Ca Interaction on Spinach, Vij. Par. Anusandhan Patrika, Vol. 60, No. 3-4, p 65-71.
- Mani, Dinesh, Sahu, Vipin, Effect of Cd x Ca Interaction on Spinach, Vij. Par. Anusandhan Patrika, Vol. 60, No. 3-4, p 65-71.
- Siddiqui, I.R. (2017), [bmIm]OH catalyzed coupling: Green and efficient synthesis of 2,8 dioxacyclopenta [a] inden-3-one derivatives in an aqua media, Tetrahedron Letters, 58, 4169-4173
- Siddiqui, I.R. (2017), A Green Access to Tetrahydro-1H-pyrano[2,3-d] pyrimidines: Visible-Light-Triggered and Ethylene-Glycol-Mediated Multicomponent One-Pot Process, Chemistry Select, , , 1, 1–7
- Siddiqui, I.R. (2017), Catalyst-Free Synthesis for Pyrazole-Fused Isocoumarins in Recyclable and Biodegradable Reaction Medium, Chemistry Select, 2, 8320-8325
- Siddiqui, I.R. (2017), Design and synthesis of dalbergin analogues and evaluation of anti-osteoporotic activity, Bioorg Med ChemLett., 27, 1765-1775

- Siddiqui, I.R. (2017), Double Hydroamination of Alkyne via PTC and Microwave-activated Diastereoselective Synthesis of 2,3-dihydroimidazo[1,2-a]pyridine in an Aqueous Media, DOI: 10.1002/jhet.2875, Journal of Heterocyclic Chemistry,
- Siddiqui, I.R. (2017), Hypervalent iodine (III)-mediated oxidation of aryl sulfonylhydrazones: A facile synthesis of N-aroyl-N'-acyl arylsulfonylhydrazides, Tetrahedron Lett., 58, 570-573
- Siddiqui, I.R. (2017), Iodine/Water Mediated Parallel Synthesis of Bioactive Diversely Substituted Pyrazolo-Pyrido-Pyrimidines and Its Spiro Analogues: An Enviro-Economic Approach, Journal of HeterocyclicChemistry, , 54, 397-405
- Siddiqui, I.R. (2017), Synthesis and biological evaluation of heterocyclic analogues of pregnenolone as novel anti-osteoporotic agents, Bioorg. Med. Chem. Lett., 27, 1390-1396
- Siddiqui, I.R. (2017), Ugi three-component reaction of alcohols, amines and isocyanides: A new approach to the synthesis of cyclic amidines, Tetrahedron Lett., 58, 1202-1206
- Siddiqui, I.R. (2017), Visible-light-photoredox catalytic C-C, C-N bond formation: Synthesis of pyrazole derivatives via radical ions, Catalysis communications, 100, 153-156
- Siddiqui, I.R. (2018) [bmIm]Br catalyzed tandem construction of C-C and C-O bonds: A concise, convenient
 and atom-economical strategy for the synthesis of spiropyranopiperidine derivatives, New Journal of Chemistry,
 DOI: 10.1039/C8NJ00490K
- Siddiqui, I.R. (2018), A green route for the synthesis of pyrrolo[2,3-d]pyrimidine derivatives catalyzed by β-cyclodextrin,New Journal of Chemistry, 2018, 42, 628-633
- Siddiqui, I.R. (2018), Site selective [bmIm]OH catalyzed CC bond functionalization under green conditions, Tetrahedron Letters, 59, 654-657
- Siddiqui, I.R. (2018), Synthesis of Benzo[b]furan Derivatives via S₈-Nano particles/β-cyclodextrin: An Environmentally Friendly Approach, Chemistry Select, 3, 5326 5329
- Siddiqui, I.R. (2018), Visible-Light-Mediated Synthesis of 4H-benzo[1,4]thiazin-2-amines and 3,4-Dihydroquinoxalin-2-amines: An Efficient and Metal Free Route to C–S, C–N Bond Formation, Catalysis Letters, 148, 1676–1685
- Singh, R.K.P., Kala, Shashi, Malviya, Jyoti, Sharma, L.K. (2018) Anodic Synthesis of New Benzofuran Derivatives Using Active Methylene Group at Platinum Electrode, Jyoti Malviya, R. K. P. Singh*, Shashi Kala and L. K. Sharma, Russian J. Electrochemistry, 54(3), 311–314.
- Singh, R.K.P., National Seminar on Reaching the Unreached through Science and Technology organized by Allahabad Chapter of Indian Science Congress Association during 24-25 February 2018, (Organizing secretary).
- Singh, R.K.P., Reaching the Unreached through Science and Technology at 105th Indian Science Congress at Manipur University Imphal during 16-20 March 2018, (Recorder, chemistry Section).
- Singh, R.K.P., Singh, Manjula, Yadav, Arvind Kumar and Yadav, S. (2017) Visible light photocatalysis with benzophenone for radical thiol-energactions (Tetrahedron letters, 58, 2206-2208) impact factor 2.125.
- Singh, R.K.P., Singh, Singh, Manjula, Yadav, Arvind K, Yadav, Lal Dhar S. (2018) Direct synthesis of 6-sulfonylated phenanthridines via silver-catalyzed radical sulfonylation-cyclization of 2-isocyanobiphenyls (Tetrahedron Letters, 59,3198-3201) impact factor- 2.125
- Singh, R.K.P., Singh, Singh, Manjula, Yadav, Arvind K, Yadav, Lal Dhar S. (2018) Visible-light-activated selective synthesis of sulfoxides via thiol-ene/oxidation reaction cascade (Tetrahedron Letters, 59, 450-453) impact factor- 2.125
- Singh, R.K.P., Singh, Singh, Manjula, Yadav, Arvind K, Yadav, Lal Dhar S. (2018) Synthesis of 6-Thiocyanatophenanthridines by Visible Light and Air Promoted Radical Thiocyanation of 2-Isocynobiphenyls (Synlett, 2018, 29, 176-180) impact factor-2.369
- Singh, R.K.P., Singh, V. K., Dubey, Rahul, Upadhyay, Abhishek and Sharma, Laxmi, K. (2017) Electrochemical Approach for synthesis of 3-substituted indole derivatives. (Tetrahedron Letters, 58, 2017, 4227-4231) impact factor 2.125.

- Singh, R.K.P., Singh, V. K., Dubey, Rahul, Upadhyay, Abhishek, Kumar Narendra and Sharma, Laxmi, K. (2017) A convenient electro-catalyzed multicomponent synthesis of 4H-thiopyran derivatives (New J. Chem, 41, 7836-7839) Impact factor 3.201.
- Singh, R.K.P., Singh, V. K., Dubey, Rahul, Upadhyay, Abhishek, Kumar, Narendra and Sharma, Laxmi, K. (2017) Electrocatalytic one pot synthesis of medicinally relevant 4H-benzo[g]chromene and pyrano[2,3-g]chromene scaffold via multicomponent-domino approach (Tetrahedron Letters, 58, 4323–4327) Impact factor 2.125.
- Singh, S., Tiwari, J., Jaiswal, D., Sharma, A., Singh, J., Singh, V, Singh, J. Organocatalyst mediated one pot synthesis of 4H-furo[3,4-b]pyran, 4Hbenzo[g]chromene and 1H benzo[b]xanthene derivatives in aqueous medium: A green approach (2018) Current Organocatalysis, 5, 51-57.
- Singh, V., Dwivedi, L.M., Baranwal, K., Asthana, S. Sundaram, SOxidized guar gum-ZnO hybrid nanostructures: Synthesis, characterization and antibacterial activity (2018) Applied Nanoscience, 8,1149-1160.
- Singh, V., Joshi, S., Malviya, T. Carboxymethyl cellulose-Rosin gum hybrid nanoparticles: An efficient drug carrier (2018) International Journal of Biological Macromolecules, 112, 390-398.
- Singh, V., Singh, J. Preeti, Heterogeneous Fenton-Like catalytic degradation of Remazol Brilliant Violet dye using Starch-Fe⁰Nps-Silica composite, Journal of Applicable Chemistry, 2017, 6, 1114-1129.
- Singh, V., Singh, J. Preeti, Pandey, A.K., Dwivedi, L.M., Nauseen Fatima N., Tiwari, S. One pot catalyzed synthesis of 1,3-bis (2-(4-hydroxyphenyl)-2-methyl- 4,5-diphenyloxazol-3(2H)-yl) thiourea and its antimicrobial activity, Journal of Applicable Chemistry, 2017, 6, 688-700.
- Singh, V., Singh, J. Preeti, Synthesis and characterization of Acacia gum-Fe⁰Np-Silica nanocomposite: An efficient Fenton-like catalyst for the degradation of Remazol(2018) Brilliant Violet dye, Applied Nanoscience, 4, 793-810.
- Singh, Vandana, (2017), Member, Advisory Committee, International Conference on Study of Nanomaterials and Scientific Development in 21st Century (ICSNSDC) And IVth Annual Meeting of "Academy of Microscope Science & Technology (AMST), India, 3–5, November, 2017, Gwaliar University&(AMST), India
- Singh, Vandana, (2017), Polysaccharides: A source for sustainable materials, International Conference on Study of Nanomaterials and Scientific Development in 21st Century (ICSNSDC) And IVth Annual Meeting of "Academy of Microscope Science & Technology (AMST), India, 3–5, 2017, November, Gwaliar University&(AMST), India
- Srivastava, Krishna, Prasad, Jagdish, and Chandra, Nishita, (2017) Electrochemical and Spectral Investigations of Copper in Different Mixed Ligand Complex Solutions in Non-Aqueous Solvents. Journal of Applicable Chemistry 6(5), 997-1003.
- Srivastava, Krishna, Prasad, Jagdish, and Shukla, Rachana, (2018) Electrochemical and Spectral Behaviour of Binary and Mixed-Ligand Copper(II) Complexes Involving Dicyanamide and Pyrazine in Non-Aqueous Solvents Journal of Applicable Chemistry 7(2) (2018) 436-442.
- Srivastava, Krishna, Prasad, Jagdish, and Srivastava, A, (2018) Synthesis, Characterization and Spectral Behavior of Some Mixed-Ligand Copper (II) Complexes Involving 3,4-Pyridinedicarboxylic Acid and Diimines International Journal of Chemical and Physical Sciences 7(1), 94-105.
- Srivastava, Krishna, Prasad, Jagdish, Porwal, Dipiti, (2017)Synthesis of Copper Oxide Nanoparticles by Chemical Reduction of Copper Isophthalate Complex. Journal of Applicable Chemistry 6(5), 991-996.
- Srivastava, Krishna, Prasad, Jagdish, Prakash, Ved, (2017) Electrochemistry of binary and mixed-ligand copper(II) complexes with pyrazine and dicyanamide bridging ligands in aqueous medium, Indian Journal of Chemistry, 56A) 585-591
- Srivastava, Krishna, Prasad, Jagdish, Singh, Sandeep Kumar, Banerjee, Rahul, (2017) Syntheses and single crystal X-ray diffraction studies of hydroxynicotinic acid based complexes involving supramolecular interactions. Polyhedron, 133, 222-230.
- Srivastava, Krishna, Prasad, Jagdish, Singh, Sandeep Kumar, Srivastava, Ashish, (2017) Synthesis, characterization and electrochemical investigations of mixed-ligand copper(II)-organic supramolecular frameworks. Journal of Molecular Structure, 1147, 549-557.
- Srivastava, Krishna, Prasad, Jagdish, Srivastava, Alka, Porwal, Dipiti, (2017) Electrochemical and Spectral Behaviour of Binary And Mixed Ligand Copper (II) Complexes Involving Various Pyridinedicarboxylic Acids and 2,9-Dimethyl-1,10-Phenanthroline in Dimethylsulfoxide. Journal of Applicable Chemistry 6(5), 941-949.

 Srivastava, Shekhar, Krishan Kumar Yadav, Anil Kumar, Dharmendra Kumar Sahu, Rajeev Lohia, (2018), Synthesis and characterization of chromium (III) compounds with tetradentate N₄ Macrocyclic Legands, IJRCE, 8, 37-43.

DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES

- Agarwal, P. (2018) (Edited), 'Sinews of India's Internal Security in 21st Century, (Edited), G.B. Books, New Delhi, 2018, ISBN-978-93-833930-73-9'.
- Agarwal, P. (2018) "Bhartiya Videsh Niti evam Suraksha Samasyaye" in S. K. Mishra Edited "Bhartiya Suraksha evam Videsh Niti"; Uday Publishing House, New Delhi, 2018.
- Agarwal, P. (2018) India's Trade Concerns in Central Asia, Indian Journal of Strategic Studies (IJSS) Vol. XXXIII XXXIV, pp. 175-186, 2017.
- Agarwal, P., (2018), Present Trends on Naxal Issues in India, in Sinews of India's Internal Security in 21st Century, (Edited by Prashant Agarwal & Sanjay Kumar), G.B. Books, New Delhi, 2018.
- Bhadauria, S. (2018) 'Bharat ki Rashtriya Suraksha evam Videsh Niti' in S. K. Mishra Edited "Bhartiya Suraksha evam Videsh Niti"; Uday Publishing House, New Delhi, 2018, pp. 127 134.
- Bhadauria, S. (2018) 'Changing West Asia: India's engagement and Response', Proceedings of International Seminar and 3rd West Asian Convention on "*Shifting Sands: Culture, Economy and Polity*", Dept. of Civics and Politics, Mumbai University, Mumbai (Maharashtra), March 12 -14, 2018
- Bhadauria, S. (2018) Challenges for Energy Cooperation in South Asia, Indian Journal of Strategic Studies (IJSS) Vol. XXXIII XXXIV, pp. 33-43, 2017.
- Bhadauria, S. (2018) Co-authored "Rashtriya Suraksha: Siddhant aur Vyavhaar (National Security: Theory and Practice"); Prakash Book Depot, Bareilly (UP)

DEPARTMENT OF EARTH & PLANETARY SCIENCES

- Chakarvorty, M., Pati, J.K., Prakash, K. and Niyogi, A. (2017) Effect of seasonal variation on dust samples of a winter fog affected urban environment of India, South East Asia. International Journal of Environmental Analytical Chemistry (Taylor & Francis), 97(13), 1266-1282, DOI: 10.1080/03067319.2017.1408805.
- Das R, Singh P. K., Kainthola A, Panthee, S., Singh, T.N. (2017). Numerical analysis of surface subsidence in asymmetric parallel highway tunnels. Journal of Rock Mechanics and Geotechnical Engineering, 9, 170-179.
- Das, S.S., Singh, A.K. and Singh, N. (2017) Provenance of bar-top sediments at Tons River near Allahabad. Jour. Geological Soc. of India, 89, 503-510.
- Hasant M, Singh, P. (2018) A review on groundwater investigations using remote sensing in India, Disaster Advances, 11(3), 34-51. ISSN 0974-262X UGC List No. 13226.
- Kainthola, A., Singh, P.K., Singh, T.N. (2017). Slope instability zonation of SH-72, Mahabaleshwar, India. In: Landslide Research: The DST's Initiatives (edited by S. M. Ramasamy and B. Singh). pp. 239-259, New Delhi, New India Publishing Agency.
- Kundu. J, Sarkar, K., Singh, P.K., Singh, T.N. (2018). Deterministic and Probabilistic Stability Analysis of Soil Slope A Case Study. Journal of Geological Society of India. 91 (4), 418-424.
- Niyogi, A., Pati, J.K., Panigrahi, M.K., Panda, D., Chakarvorty, M. and Parthasarathy, G. (2018) Raman, infrared and chemical characterization of fly ash- generated spherules to better constrain their material applications. Journal of Applied Spectroscopy (Springer), v. 85, No.5.
- Niyogi, A., Pati, J.K., Patil, S.K., Panda, D. and Chakarvorty, M. (2018) Magnetic measurements and geochemical characterization of the road-deposited sediments (RDS), Allahabad city, India: impact of climatic perturbations on sediment composition and provenance tracing. Journal of Soils and Sediments (Springer), 18(7), 2581-2595. DOI:10.1007/s11368-018-1936-0).
- Pati, J.K., Qu, W.J., Koeberl, C., Reimold, W.U., Chakarvorty, M. and Schmitt, R.T. (2017) Geochemical evidence of an extraterrestrial component in impact melt breccia from the Paleoproterozoic Dhala impact structure, India, Meteoritics & Planetary Science (Wiley). 52 (4), 722–736. DOI: 10.1111/maps.12826.
- Pati, J.K., Reimold, W.U. and Hauser, N. (2018) Comment on "Anatomy of impactites and shocked zircon grains from Dhala reveals Pale oproterozoic meteorite impact in the Archean basement rocks of Central India" by Li et al., 2018. Gondwana Research (Elsevier), 60, 214-217. DOI: 10.1016/j.gr.2018.03.019.

- Rai, A.K., Maurya, G.S., Kumar, R., Pathak, A.K., Pati, J.K. and Rai, A.K. (2017) Analysis and discrimination of sedimentary, metamorphic and igneous rocks using Laser Induced Breakdown Spectroscopy, Journal of Applied Spectroscopy (Springer), v. 83, No. 6, 1089-1095. DOI:10.1007/s10812-017-0412-8.
- Rai, A.K., Pathak, V., Sharma, L.K. and Hussain, A. (2017). Pliocene Indonesian through flow (ITF) change and planktic foraminiferal diversity in the eastern subtropical Indian Ocean. Current Science, 113, 955-959.
- Sharma, K.M., Roy, D.G., Singh, P.K., Sharma, L.K., Singh, T.N. (2017). Parametric study of factors affecting fluid flow through a fracture. Arabian Journal of Geoscience, 10 (16), 362.
- Singh P.K., Tripathy A., Kainthola, A., Mahanta, B., Singh, V., Singh, T.N. (2017). Indirect estimation of compressive and shear strength from simple index tests. Engineering with Computers, 33, 1-11.
- Singh R.P., Dubey C.S., Verma N. and Mishra B.K. (2018). Mass Distribution Analysis Over the Slope for the Characterization of A Landslide: A Case Study from Jammu Lesser Himalaya (edited by R.N. Tiwari). pp 92-97. Excellent Publishing House, Delhi. ISBN: 978-93-86238-47-4.
- Singh, A.K., Singh, V., Singh, K.K., Tripathi, J.N., Kumar, A., Soni, A.K., Sateesh, M., Khadke, C. (2018). A case study: Heavy rainfall event comparison between daily satellite rainfall estimation products with IMD gridded rainfall over peninsular India during 2015 winter monsoon. Journal of the Indian Society of Remote Sensing, 1-9, doi.org/10.1007/s12524-018-075.
- Singh, A.K., Singh, V., Singh, K.K., Tripathi, J.N., Kumar, A., Soni, A.K., Sateesh, M., and Peshin, S. K. (2018). Validation of INSAT-3D derived rainfall estimates (HE & IMSRA), GPM (IMERG) and GLDAS 2.1 model rainfall product with IMD gridded rainfall & NMSG data over IMD's meteorological sub-divisions during monsoon. Mausam, 69, 177-192.
- Singh, P.K., Kainthola, A., Singh, T.N. (2018). Prediction of Working Environment and Stability Issues in an Opencast Mine In. Natural Resources, Environment and Health (edited by R.N Tiwari). pp. 68-73, Rewa, Excellent Publishing House.
- Singh, P.K., Singh, K.K., Singh, T.N. (2017). Slope failure in stratified rocks: a case from NE Himalaya, India. Landslides, 14 (4), 1319-1331.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

J.K. Institute of Applied Physics & Technology, University of Allahabad

- Abhishek Ku. Saroj, Mohd G. Siddiqui, Mukesh Kumar, Jamshed A. Ansari, "Design of Multiband Quad-Rectangular Shaped Microstrip Antenna for Wireless Applications," Progress In Electromagnetics Research M, Vol. 59, 213–221, 2017.
- Abhishek Saroj, Mohd. Gulman Siddiqui, Mukesh Kumar, Jamshed A. Ansari, "Design of Multiband Quad-Rectangular Shaped Microstrip Antenna for Wireless Applications," Progress In Electromagnetics Research M, Vol. 59, 213–221, 2017.
- Ajay Singh, G.P.Singh, Manvendra, Prinu Philip, Mukesh Kumar, Rohini Saxena "Analysis of V Slot Multiband Microstrip patch Antenna for S,C and X Bands", IJETT, VOL-48, NO-6, E-ISSN: 2231-5381, JUNE-2017
- Amod Kumar Pandey "Performance Evaluation Of Various Routing Protocols And Quality Of Service For Wireless Sensor Network" Journal of Telecommunication Study Volume 4 Issue 1 Page 1-12 © MAT Journals, April 2018 http://matjournals.in/index.php/JTS/issue/view/505
- Amod Kumar Pandey, "A Study of Beamforming in Cognitive Radio Networks" *International Journal For Advance Research In Engineering And Technology (IJARET)* ISSN (2320-6802)*Volume 5, Issue VIII, Aug 2017 http://www.ijaret.org/5.8.html*
- Anima Srivastava, Published in a paper entitled "Machine Learning Algorithms for Anemia disease Prediction" in international conference "IC3E", organized by J.K Institute of Applied Physics & Technology, University of Allahabad (13-15 Apr, 2018).
- Anima Srivastava, Published paper entitled "GSA: A Global Framework for SIMILARITY SEARCHING" in journal "IJCRT"- ISSN: 2320-2882. (Vol-6, Issue-2, Apr. 2018.)
- Ankit Kumar Patel " A compact Inverted V- shaped Triple and wide band Patch antenna for K, Ka, Ku band Applications" in IC3E 2018 Conference in Dept. of Electronics and Communication University of Allahabad.(SPRINGER BOOK CHAPTER)

- Ankit Kumar Patel " A Novel Design of Square and Circular Ring Triple Band Microstrip Patch Antenna for Satellite Application" in 2018 International on Computer Communication and Informatics (ICCCI -2018), Jan. 04 06, 2018, Coimbatore, INDIA.(IEEE Conference)
- Ankit Kumar Patel "Christmas Tree Shaped Proximity Coupled Microstrip Patch Antenna For Multiple Ultra Wide-Band Application "and submitted in International Conference on Computer Communication and Informatics (ICCCI -2018), Jan. 04 06, 2018 at Sri Shakthi College Coimbatore, INDIA.(IEEE Conference)
- Ankit Kumar Patel "A Multiband Strip Line Antenna with Half Ground Structure" in ICCCI 2018 Conference in Shri Shakti Institute of Engineering and Technology Coimbatore. (IEEE Conference)
- Ankit Kumar Patel "Defected Ground Multi-Band Antenna for Surface Movement Radars" International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5, pp. 1890-1894, 2017.
- Ankit Kumar Patel "Microstrip Patch Antenna for WLAN and RAS Applications "In INDICON 2017 Conference in dept. of Electronics and Communication IIT Roorkee.(IEEE)
- Ankit Kumar Patel "Notch Loaded Patch Antenna with Multiple Shorting for X and Ku Band Applications" in 2018 International Conference on Emerging Trends in Communication, Computing and Electronics Communication and Informatics (*IC3E*-2018), April. 13 – 15, 2018, Allahabad, U.P., India.(SPRINGER BOOK CHAPTER)
- Ankit Kumar Patel "Probe Fed Wide Band Implantable Microstrip Patch Antenna For Biomedical And Telemetry Application" and submitted in Springer conference (ICSCSP-2018) held onJune 22-23 at Malla Reddy college of Engineering and Technology, Hyderabad, INDIA(SPRINGER BOOK CHAPTER)
- Ankita Kar and N. K. Shukla "An Introduction to an Optical Simulation Modeling Tool OptiSytem" in the book entitled 'Applications of Statistical and Computational Softwares' published by Common Ground Publication, USA, ISBN: 978 144 340 0044, pp. 119-124, November 2017.
- Ankita Kar and N. K. Shukla "An Introduction to an Optical Simulation Modeling Tool OptiSytem" in the book entitled 'Applications of Statistical and Computational Softwares' published by Common Ground Publication, USA, ISBN: 978 144 340 0044, pp. 119-124, November 2017.
- Ankita Kar and N. K. Shukla "Use of Optical Sensors for conserving soil constituents", International Journal of Emerging Technology and Advanced Engineering (IJETAE), ISSN 2250-2459, Vol. 7, Issue 12, pp. 28-30, December 2017. (IF: 5.119 as per International Society for Research Activity)
- Awadhesh Kumar Singh and Nar Singh "Comparative Response Evaluation of Digital Multilevel Signalling Schemes", IJETAE, ,Vol.8, Issue 2, pp-253-260, Feb.2018.
- Awadhesh Kumar Singh and Nar Singh, "Performance Evaluation of Digital M-ary Quadrature Amplitude Signalling Scheme", IJARECE, Vol.6, Issue 10, pp-1070-1073, Oct.2017.
- Awadhesh Kumar Singh and Nar Singh, "Performance Evaluation of M-ary Digital Pulse Amplitude Signalling Scheme", *JBREC conference paper published in IJEECS*, Vol.6, Issue 12, pp-271-275, Dec.2017.
- Awadhesh Kumar Singh and Nar Singh, "Performance measurement of different M-ary phase signalling schemes in AWGN channel", BITCON Conference paper published in RJEngS, Vol.6, Issue 7, pp-19-23, July 2017.
- Awadhesh Kumar Singh and Nar Singh, "Comparative Response Evaluation of Multilevel PSK and QAM Schemes", in proceedings of IC3E-2018, JK Institute conference, University of Allahabad, LNEE Series, Springer.
- C Rajkumar and Arunachalam Arulraj (2018) Seed mediated synthesis of nanosized zinc oxidesand its electron transporting activity in dye-sensitized solar cells. Mater Res Express 5:15029. https://doi.org/10.1088/2053-1591/aaa2b3(SCI IP=1.151)
- C. Rajkumar and Rajneesh K. Srivastava (2018) Time dependent rise and decay photocurrent of Zinc Oxide nanoparticles in ambient and vacuum medium.Mater Res Express. https://doi.org/10.1088/2053-1591/aabeca(SCI IP=1.151)
- DEVESH MISHRA, The paper title "Contemporary Status of Machine prognostics in Process Industries Based on Oil and Gas: A Critical Analysis" submitted and accepted in 3rd IEEE International Conference on Research

- in Intelligent and Computing in Engineering (RICE-2018) at Universidad Don Bosco, El Salvador, Central America
- Devesh Tiwari, Jamshed Aslam Ansari, MohdGulman Siddiqui, Abhishek Saroj, "Analysis of Modified Square Sierpinski Gasket Fractal Microstrip Antenna for Wireless Communications." (Int. J. Electron. Commun. (AEÜ) Volume 94 (2018) Pages 377–385). Publisher Elsevior.
- G. P.Singh, Mukesh Kumar, Rohini Saxena, J. A. Ansari "Bandwidth analysis of Boomerang slot Rectangular Microstrip Patch Antenna" 2nd International Conference (IEEE) TEL-NET, 10-11 Aug.-2017 at Amity University Noida-U.P.
- G. P.Singh, Mukesh Kumar, RohiniSaxena, J. A. Ansari "Bandwidth analysis of Boomerang slot Rectangular Microstrip Patch Antenna" 2nd International Conference (IEEE) TEL-NET, 10-11 Aug.-2017 at Amity University Noida-U.P.
- Kamal K. Upadhyay, Dr. N.K.Shukla, Dr. Shushank Chaudhari "A high speed 100 Gbps MDM OCDMA multimode transmission system for short haul communication" Communicated and revision submit in Optical and Ouantum electronics.
- Kamal K. Upadhyay, Saumya srivastava, N.K.Mishra, Dr. N.K.Shukla, "Design and performance analysis of SOA- MZI based 2x2 reversible XNOR logic gate" Published in Journal of optical communication Feb 2018.
- Kamal K. Upadhyay, Vanya Arun, Saumya Srivastava, N. K. Mishra, Dr. N. K. Shukla "A Novel model of all optical reversible XOR/XNOR logic gate on a single photonic circuit" Communicated and revision submitted in Indian journal of physics.
- Kamal K. Upadhyay, Vanya Arun, Saumya Srivastava, N. K. Mishra, Dr. N. K. Shukla "Design and Performance analysis of all optical reversible Full adder as ALU." Communicated in proceedings of the nation academy of sciences, India Section A: Physical sciences.
- Kavita Mishra, RohiniSaxena, Mukesh Kumar, MeenakshiKumari, Ajay Singh "Calculation of Microstrip Patch Antenna Parameters using Artificial Neural Network", Global Journal of Engineering Science and Research Management, ISSN- 2349-4506, VOL-4, Issue-9,SEPT.-2017
- Manish Jaiswal, Presented paper entitled "Machine Learning Algorithms for Anemia disease Prediction" in international conference "IC3E", organized by J.K Institute of Applied Physics & Technology, University of Allahabad. (13-15 Apr, 2018).
- Manish Jaiswal, Published Book chapter entitled "Enhanced Multi-Criteria Recommender System based on AHP" in Springer Nature for book titled "Applications of Soft Computing for the Web". (Jan, 2018).
- Manish Jaiswal, Published paper entitled "GSA: A Global Framework for SIMILARITY SEARCHING" in journal "IJCRT"- ISSN: 2320-2882. (Vol-6, Issue-2, Apr, 2018.)
- Mohd G. Siddiqui, Abhishek K. Saroj, Devesh, and J. A. Ansari, "Multi-Band Fractaled Triangular Microstrip Antenna for Wireless Applications," published in Progress In Electromagnetics Research M, Vol. 65, 51–60, 2018.
- Mohd Gulman Siddiqui, Abhishek Kumar Saroj, Devesh, Kamakshi, "Modified Koch Fractal Antenna for Ku and K-Band Applications," published in Vivechan International Journal of Research, Vol. 8, Issue 2, 2017.
- Mohd Gulman Siddiqui, Abhishek Saroj, Rohini Saxena, Devesh, J.A. Ansari, "Design and Analysis of Microstrip Antenna Using RBF-NN for Multiband Operation." Published in i-manager's Journal on Electronics Engineering, pg 43-51, Vol. 8, No. 3, March May 2018.
- Mohd Gulman Siddiqui, Abhishek Saroj, RohiniSaxena, Devesh, J.A. Ansari, "Design and Analysis of Microstrip Antenna Using RBF-NN for Multiband Operation." Published in i-manager's Journal on Electronics Engineering, pg 43-51, Vol. 8, No. 3, March May 2018.
- Mohd Gulman Siddiqui, Kamakshi, Abhishek Saroj, J. A. Ansari," Comparison of Microstrip Patch Antenna using Different substrate Material for Multiband Application," is published in IJRITCC June 2017 Volume 5 Issue 6.
- Ms. Komal Jaiswal communicated a paper entitled "A Compact Inverted V-shaped slotted Triple and Wideband Patch Antenna for K, Ka and Ku band Applications" in 2018 International Conference on Emerging Trends in Communication, Computing and Electronics Communication and Informatics (IC3E-2018), April. 13 – 15, 2018, Allahabad, U.P., INDIA.

- Ms. Komal Jaiswal, communicated a paper entitled "Notch Loaded Patch Antenna with Multiple Shorting for X and Ku Band Applications" in 2018 International Conference on Emerging Trends in Communication, Computing and Electronics Communication and Informatics (IC3E-2018), April. 13 15, 2018, Allahabad, U.P., INDIA.
- Ms. Komal Jaiswal, Presented a paper entitled "A Novel Design of Square and Circular Ring Triple Band Microstrip Patch Antenna for Satellite Application" in 2018 International Conference on Computer Communication and Informatics (ICCCI -2018), Jan. 04 – 06, 2018, Coimbatore, INDIA.
- Ms. Komal Jaiswal, Presented a paper entitled "Christmas Tree Shaped Proximity Coupled Microstrip Patch Antenna For Multiple Ultra Wide-Band Application "and submitted in International Conference on Computer Communication and Informatics (ICCCI -2018), Jan. 04 – 06, 2018 at Sri Shakthi College Coimbatore, INDIA.
- Ms. Komal Jaiswal, Presented a paper entitled "Probe Fed Wide Band Implantable Microstrip Patch Antenna
 For Biomedical And Telemetry Application" and submitted in Springer conference (ICSCSP-2018) held on June
 22-23 at Malla Reddy college of Engineering and Technology ,Hyderabad, INDIA.
- Mukesh Kumar, J.A. Ansari, M. G. Siddiqui, Rohini Saxena, A. K. Saroj, Saiyed Salim Sayeed, "Edge Fed Defected Ground Circular Patch Antenna for Microwave Application," (communicated in Arabian Journal of Science and Engineering, Springer, June, 2018.
- Mukesh Kumar, J.A. Ansari, M. G. Siddiqui, RohiniSaxena, A. K. Saroj, Saiyed Salim Sayeed, "Edge Fed Defected Ground Circular Patch Antenna for Microwave Application," (communicated in Arabian Journal of Science and Engineering, Springer, June, 2018.
- Mukesh Kumar, R. Saxena, J. A. Ansari, A. K. Singh, M.G. Siddiqui and A. K. Saroj "Analysis of Half Circular F Slot Multiband Microstrip Antenna with Defected Ground Structure" International Conference(IEEE) at SHUATS-Allahabad from 6-8 Feb.
- Mukesh Kumar, Rohini Saxena, J. A. Ansari, A. K. Singh, M.G. Siddiqui and A. K. Saroj "Analysis of Half Circular F Slot Multiband Microstrip Antenna with Defected Ground Structure" International Conference(IEEE) at SHUATS-Allahabad from 6-8 Feb.
- Nikhlesh K. Mishra, Ashutosh k. Singh, Kamal K. Upadhyay, Saumya Srivastava, Dr. N. K. Shukla "Survival elastic optical network" published in published in IJCESR vol.5 issue 1 2018 pp. 1-4.
- Nikhlesh K. Mishra, Ashutosh k. Singh, Kamal K. Upadhyay, Saumya Srivastava Dr. N. K. Shukla "Survival elastic optical network" published in published in IJCESR vol.5 issue 1 2018 pp. 1-4.
- Niraj Kumar Shukla, Rajeev Srivastava, "Efficiency Optimization of Single Phase Induction Motor Using Semiconductor Devices", International Journal of Electronics, Electrical and Computational System (IJEECS), Volume 7, Issue 4, April 2018, ISSN 2348-117X.
- Niraj Kumar Shukla, Rajeev Srivastava, "Simulation and Comparative Analysis of SPWM & SVPWM Based Voltage Source Inverter with Inductive Load", International Journal of Electronics, Electrical and Computational System (IJEECS), Volume 6, Issue 12, December 2017, ISSN 2348-117X.
- Niraj Kumar Shukla, Rajeev Srivastava, "SVPWM & SPWM Controller Based Performance Evaluation of Three Phase Induction Motor", International Journal of Engineering Sciences & Research Technology (IJESRT), Vol.6 Issue 10, October 2017, ISSN: 2277-9655
- Nivedita Kar and C. K. Dwivedi "Harnessing Solar Photovoltaics for Safe, Clean and Sustainable Development", International Journal of Emerging Technology and Advanced Engineering (IJETAE), ISSN 2250-2459, Vol. 7, Issue 12, pp. 46-49, December 2017. (IF: 5.119 as per International Society for Research Activity)
- Nivedita Kar and C. K. Dwivedi "Validation of Applications for Plagiarism Checking Software in Manuscripts and Research Thesis" in the book entitled 'Applications of Statistical and Computational Softwares' published by Common Ground Publication, USA, ISBN: 978 144 340 0044, pp: 228-235, November 2017.
- S. S. Sayeed, Mohd. Gulman, M. Kumar, K. Jaiswal, J.A. Ansari, "A Compact Slots Loaded Disc Patch Antenna for Multiband Application," IOSR Journal of Electronics and Communication Engineering (IOSR-JECE) e-ISSN: 2278-2834, p- ISSN: 2278-8735. Volume 12, Issue 4, Ver. I (Jul.-Aug. 2017), PP 26-31.
- Saiyed Salim Sayeed, J.A. Ansari, Mukesh Kumar, Mohd. Gulman Siddiqui, Abhishek, "Slots and Notch Loaded Rectangular Stacked Microstrip Antenna for Multiband Operations," International Journal of Computational Engineering Research (IJCER), Volume, 07, Issue, 10, October 2017.

- Saiyed Salim Sayeed, Mukesh Kumar, J.A.Ansari,Ashish "An Analysis of slots loaded Rectangular Stacked Microstrip Antenna for Multiband Operations" 2nd International Conference(IEEE) TEL-NET, 10-11 Aug.-2017 at Amity University Noida-U.P.
- Saiyed Salim Sayeed, Gulman Siddiqui, Mukesh Kumar, Neelesh, J.A.Ansari, Abhishek Saroj "A Slot Loaded Circular Disk Antenna for Wideband Operation" International Conference (IEEE) at SHUATS-Allahabad from 6-8 Feb.
- Saumya Srivastava, Kamal k. Upadhyay, Nar singh "Optimization of mode division multiplexing Free space optical transmission system with different encoding Scheme." Communicated in Laser Physics.
- Saumya Srivastava, Kamal k. Upadhyay, Nar singh "Optimization of mode division multiplexing Free space optical transmission system with different encoding Scheme." Communicated in Photonic Network Communication.
- Saumya Srivastava, Kamal k. Upadhyay, Nar singh "Performance evaluation of DWDM Holmium doped fiber amplifier for optical communication" Published in IJETAE Vol 8. Issue 2 February 2018. Pp. 66-70.
- Saumya Srivastava, Kamal k. Upadhyay, Nar singh "Performance evaluation of high speed DWDM free space
 optic communication system under different atmospheric turbulence". Communicated and revision submitted to
 journal of Optical Communication.
- Saumya Srivastava, Kamal k. Upadhyay, Nar singh "Performance evaluation of DWDM Holmium doped fiber amplifier for optical communication" Published in IJETAE Vol 8. Issue 2 February 2018. Pp. 66-70.
- Saumya Srivastava, Kamal k. Upadhyay, Nar singh "Performance evaluation of high speed DWDM free space
 optic communication system under different atmospheric turbulence". Communicated and revision submitted to
 journal of Optical Communication.
- Saumya Srivastava, Kamal k. Upadhyay, Nikhlesh mishra, Nar singh "Design of a DWDM system for ground to satellite using RZ/NRZ signaling scheme" published in IJCESR vol.5 issue 1 2018 pp. 89-93.
- Saumya Srivastava, Kamal k. Upadhyay, Nikhlesh mishra, Nar singh "Design of a DWDM system for ground to satellite using RZ/NRZ signaling scheme" published in IJCESR vol.5 issue 1 2018 pp. 89-93.
- Saumya Srivastava, Kamal k. Upadhyay, Vanya arun, Nar singh "Evaluation of Inter air craft optical wireless
 communication system with different modulation formats" Communicated in proceedings of the nation academy
 of sciences, India Section A: Physical sciences.
- Saumya Srivastava, Kamal k. Upadhyay, Vanya arun, Nar singh "Evaluation of Inter air craft optical wireless
 communication system with different modulation formats" Communicated in proceedings of the nation academy
 of sciences, India Section A: Physical sciences.
- Sayeed Salim Saiyed, Mukesh Kumar, Jamshed Aslam Ansari, Mohd. Gulman Siddiqui, Devesh, "Analysis of defected ground stacked patch antenna for multiband and 5G applications" (communicated in Arabian Journal for Science and Engineering (AJSE), Springer in June 2018)
- Shalini Rai, C.k.Dwivedi, Rajeev Srivastava, "Pipelined CORDIC Architecture and its Applications", 3rd International Conference on Computational Intelligence & Communication, 9-10 February 2017, ABES Engineering College, Ghaziabad, 2017. http://dx.doi.org/10.1109/CIACT.2017.7977355.
- Shalini Rai, Rajeev Srivastava, "Performance of the CORDIC Processor", National Conference on Trends in signal Processing & Computing (TSPC'2015) 19th -20th September, 2015 at Rama University/International Journal Advance Research 2015 September; 1(3), pp.223-227, 2015. www.ramauniversityjournal.com/engineering/pdf_sep/223-227.pdf.
- Shalini Rai, Rajeev Srivastava, "Bit Serial CORDIC Architecture", National Conference on Signal Processing and sensor Networks, 19th April 2016 at Shri Ram Murti Smark Women's College, pp.30-35, 2016.
- Shalini Rai, Rajeev Srivastava, "Simulation of FIR Filter Based on CORDIC Algorithm", International Journal of VLSI Design and Communication Systems 8(4),pp.13-24,August 2017 DOI: 10.5121/vlsic.2017.8402.
- Shalini Rai,Rajeev Srivastava, "FPGA Realization of Scale Free CORDIC Algorithm Based Window Functions" International Conference on Emerging Trends in Communication, Computing and Electronics,13-15 April 2018, at Department of Electronics and Communication, Allahabad.
- Shalini Rai,Rajeev Srivastava, "Sine and Cosine Generator and FIR Filter Designing based on CORDIC Algorithm", International Journal of Computer Applications 176(9) pp.31-36 · October 2017, DOI: 10.5120/ijca2017915602.

- Shekhar " Microstrip Patch Antenna for WLAN and RAS Applications "In INDICON 2017 Conference in dept. of Electronics and Communication IIT Roorkee.(IEEE)
- Shekhar Yadav " A compact Inverted V- shaped Triple and wide band Patch antenna for K, Ka, Ku band Applications" in IC3E 2018 Conference in Dept. of Electronics and Communication University of Allahabad .(SPRINGER BOOK CHAPTER)
- Shekhar Yadav " A Multiband Strip Line Antenna with Half Ground Structure" in ICCCI 2018 Conference in Shri Shakti Institute of Engineering and Technology Combatore.(IEEE Conference)
- Shekhar Yadav " *A Novel Design of Square and Circular Ring Triple Band Microstrip Patch Antenna for Satellite Application*" in 2018 International Conference on Computer Communication and Informatics (*ICCCI* -2018), Jan. 04 06, 2018, Coimbatore, INDIA.(IEEE Conference)
- Shekhar Yadav " Christmas Tree Shaped Proximity Coupled Microstrip Patch Antenna For Multiple Ultra Wide-Band Application "and submitted in International Conference on Computer Communication and Informatics (ICCCI -2018), Jan. 04 06, 2018 at Sri Shakthi College Coimbatore, INDIA. (IEEE Conference)
- Shekhar Yadav "Defected Ground Multi-Band Antenna for Surface Movement Radars "International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5, pp. 1890-1894, 2017.
- Shekhar Yadav "Notch Loaded Patch Antenna with Multiple Shorting for X and Ku Band Applications" in 2018 International Conference on Emerging Trends in Communication, Computing and Electronics Communication and Informatics (*IC3E*-2018), April. 13 15, 2018, Allahabad, U.P., India.(SPRINGER BOOK CHAPTER)
- Shekhar Yadav "Probe Fed Wide Band Implantable Microstrip Patch Antenna For Biomedical And Telemetry Application" and submitted in Springer conference (ICSCSP-2018) held on June 22-23 at Malla Reddy college of Engineering and Technology, Hyderabad, INDIA(SPRINGER BOOK CHAPTER)
- Vol-3, Issue-2, 2017ISSN: 2454-1362, http://www.onlinejournal.in
- Y.D. Dwivedi"Development of Microcontroller-Based Two-Axis Solar Tracking System based on Sun's Angle"Imperial Journal of Interdisciplinary Research (IJIR)

DEPARTMENT OF HOME SCIENCE

- Fatima, A., and Srivastava, S. (2017). Comparative study of control potato papad and spirulina incorporate potato papad. Shodh Sarita (An International refereed journal).
- Fatima, A., and Srivastava, S. (2017). Effect of Dietary Counselling and Exercise in Patient with Type-2 Diabetes in Allahabad City. International Journal of Emerging Technology and Advanced Engineering, 7(9), 204-206.
- Fatima, A., and Srivastava, S. (2017). Impact of fast food on health. International Journal of Applied Social Science, 4(9&10), 350-354.
- Fatima, A., and Srivastava, S. (2017). Prevalence of Anaemia in college going girl's of Allahabad. International Journal of Applied Home Science (an International peer reviewed research journal of Home Science, 4(9&10), 764-768.
- Fatima, A., and Srivastava, S. (2017). Spirulina: A luxury health food that can help fight malnutrition. International Journal of Applied Home Science, 4(9&10), 861-863.
- Fatima, A., and Srivastava. S. (2017). Role of essential amino acids in human body and its presence in spirulina. International Journal of Applied Home Science, 4(9&10), 828-834.
- Singh, R., and Srivastava, S. (2017). A critical review on extraction of natural dyes from leaves. International Journal of Applied Home Science, 4(9&10), 100-103.
- Singh, R., and Srivastava, S. (2017). Application of natural dye obtained from peel of Black cardamom on Silk fabric. International Journal of Home Science, 3(2), 94-96.
- Singh, R., and Srivastava, S. (2017). Application of natural dye on Silk fabric. International Journal of Applied Home Science, 4(9&10), 805-809.
- Srivastava, S., & Srivastava, S. (2017). Development of Mosquito repellent renewable finish. International Journal of Family and Home Science, 13(3), 461-468.

• Srivastava, S., and Srivastava, S. (2017). A comparative study of aroma retention properties of wool silk and cotton fabric using aromatherapy essential oil. International Journal of Home Science, 3(1), 222-226.

DEPARTMENT OF MATHEMATICS

- Ansari, I.A. and Deo, S. (2017); Effect of magnetic field on the two immiscible viscous fluids flow in a channel filled with porous medium. National Academy of Science Letters, 40(3), 211-214.
- Devi, S. (2018). Effects of awareness programs to save Dolphins: A mathematical model. International Journal of Ecological Economics & Statistics 39 (2), 80-89.
- Devi, S. and Mishra, R.P. (2018). Non-constant prey harvesting in a ratio-dependent predator-prey system with predator self limitation and prey using a constant refuge. International Journal of Ecology and Development, 33(2), 128-144.
- Hui,S.K., Shukla, S.S. and Chakraborty, D. (2017). η Ricci Solitons on η Kenmotsu Manifolds, Global Journal of Advance Research on Classical and Modern Geometries, 6(1), 1-6.
- Khare, M., Singh, B., Shukla, A. (2018). Approximation in quantum measure spaces. Mathematica Slovaca, 68, 491-500.
- Shukla, S.S., Verma, U.S. (2017). Semi slant pseudo Riemannian submersions from indefinite almost contact 3-structure manifolds onto pseudo Riemannian manifolds. Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis, 33, 117-132.
- Singal, T., Rahaman R., Ghosh, S., and Kar, G. (2017). Necessary condition for local distinguishability of maximally entangled states: Beyond orthogonality preservation, Physical Review A **96**, 042314 (1-10).

DEPARTMENT OF PHYSICS

- A. K. Bhardwaj, A. Shukla, K. N. Uttam, and R. Gopal, Biosynthesis and Characterization of Silver Nanoparticles by Surface Enhanced Raman Spectroscopy Proceedings of National Laser Symposium (NLS-26), BARC, Mumbai, 20-23 Dec, 2017, CP-10.18
- A. K. Gupta, R. Kripal and K. K. Tiwari, Optical properties of Mn doped TiO2 nanoparticles, 2nd Meghnad Saha memorial International symposium cum workshop on Laser Induced Breakdown Spectroscopy, Physics Department, University of Allahabad, Feb.19-21, 2018.
- A. K. Gupta, R. Kripal and K. K. Tiwari, Temperature dependent EPR and photoconductivity of Mn doped ZnS nanocrystals, International conference on emerging materials & applications, Physics Department, University of Allahabad, Allahabad, Feb.20-22, 2017.
- Abhi Sarika Bharti and K N Uttam, "Elemental investigation of the medicinal plant (Coriander) by laser induced breakdown spectroscopy" presented in the 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Allahabad, 19-21 Feb 2018.
- Abhi Sarika Bharti, Nidhi Shukla, M.N. Deo, and K. N. Uttam, Biochemical Investigation of Rhizome Zinger by Fourier Transform Raman Spectroscopy Proceedings of National Laser Symposium (NLS-26), BARC, Mumbai, 20-23 Dec, 2017, CP-10.12
- Abhi Sarika Bharti, Nidhi Shukla, Sweta Sharma and K. N. Uttam, Determination of the Nutrients and Trace Metal in Mentha Piperita by Laser Induced Breakdown Spectroscopy Proceedings of National Laser Symposium (NLS-26), BARC, Mumbai, 20-23 Dec, 2017, CP-09.35
- Abhi Sarika Bharti, Sweta Sharma and K. N. Uttam, Steady state and time resolved laser induced fluorescence measurements of titanium dioxide nanoparticles treated garlic plantspresented in the ISCA Allahabad Chapter during 24-25 Feb, 2018.
- Abhi Sarika Bharti, Sweta Sharma, Nidhi Shukla and K. N. Uttam (2018). Steady state and time resolved laser-induced fluorescence of garlic plants treated with titanium dioxide nanoparticles, Spectroscopy Letters, 51: 45-54.
- Abhi Sarika Bharti, Sweta Sharma, Nidhi Shukla, M.K. Tiwari and K.N.Uttam (2017). Elemental investigation of the leaf and seed of Coriander plant by synchrotron radiation X-ray fluorescence spectroscopy, National Academy Science letters, 40: 373-377.

- Abhimanyu Kumar Singh and A K Rai: Laser ablation of different materials for nano-materials for nano-materials processing, Abstract-54, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018...
- Abhishek K. Bhardwaj, Abhishek Shukla, Rohit K. Mishra, S. C. Singh, Vani Mishra, K. N. Uttam, Mohan P. Singh, Shivesh Sharma and R. Gopal (2017). Power and time dependent microwave assisted fabrication of silver nanoparticles decorated cotton (SNDC) fibers for bacterial decontamination, Frontiers in Microbiology 8:330.
- Abhishek K. Bhardwaj, Abhishek Shukla, S. C. Singh, K. N. Uttam, Gopal Nath, Ram Gopal (2017). Green synthesis of Cu2O hollow microspheres, J. Adv. Mat. Proceedings, 2: 132-138.
- Abhishek Shukla, Abhishek K. Bhardwaj, B. K. Pandey, S.C. Singh, K.N. Uttam, J. Shah, R.K. Kotnala and R. Gopal, (2017). Laser synthesized magnetically recyclable titanium ferrite nanoparticles for photodegradation of dyes, J Mater Sci: Mater Electron, 28: 15380-15386.
- Abhishek Shukla, Abhishek K. Bhardwaj, K. N. Uttam and R. Gopal, Potential of pulsed laser ablation technique for the synthesis of magnetic nanomaterials, presented in the 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Allahabad, 19-21 Feb 2018.
- Abhishek Shukla, Abhishek K. Bhardwaj, S.C Singh, K. N. Uttam, Nisha Gautam, A. K. Himanshu, Jyoti Shah, R. K. Kotnala and R. Gopal (2018). Microwave assisted scalable synthesis of titanium ferrite nanomaterials, Journal of Applied Physics, 123, 161411.
- Abhishek Shukla, Abhishek K. Bhardwaj, Sweta Sharma, K. N. Uttam and R. Gopal, Synthesis, Structural and Optical Properties of Manganese Oxide Nanoparticles Proceedings of National Laser Symposium (NLS-26), BARC, Mumbai, 20-23 Dec, 2017, CP-06.01
- Anand, R. K. (2017). On the RH relations across weak and strong shocks in van der Waals gases. Geophysical & Astrophysical Fluid Dynamics, 111(5), 394–409.
- Anand, R. K. (2018). On the Strong Spherical Shock Waves in a Two-Phase Gas—Particle Medium. International Journal of Applied and Computational Mathematics, 4(1), 49 (14pp).
- Anmol Singh and R. K. Anand: The structure of plane viscous shock waves in a dusty gaseous medium, Abstract-119, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Asheel Kumar, Bernstein wave heating of electrons in magnetic mirror, MMISLIBS-II 2018, Feb 19-21, 2018, Physics Department, University of Allahabad.
- Asheel Kumar, Electron acceleration by a localized Bernstein mode, AIP Conference Proceedings 1860, 020015 (2017); https://doi.org/10.1063/1.4990314.
- Ashish Varma, Abhishek Shukla, Sweta Sharma, Abhi Sarika Bharti, Kamlesh Pandey, R.Gopal and K N Uttam, Synthesis and characterisation of manganese ferrite nanoparticles, presented in the 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Allahabad, 19-21 Feb 2018.
- Ashish Varma, Abhishek Shukla, Sweta Sharma, and K. N. Uttam, Synthesis and characterization of manganese
 ferrite nanoparticles by hydrothermal method, presented in National conference on Optics, Photonics and
 Synchrotron Radiation for Technological Applications, OPSR-102, 195-196, April 29 May 02, 2018.
- Awasthi, S., Kumar, R. and Rai, A. K. (2017). In-situ Analysis of Fireworks with Laser-Induced Breakdown Spectroscopy and Chemometrics, Journal of Applied Spectroscopy, 84, 753-757.
- Awasthi, S., Kumar, R., Devnathan, A., Acharya, R. and Rai, A. K. (2017). Multivariate methods for analysis of environmental reference materials using laser-induced breakdown spectroscopy, Analytical Chemistry Research, 12, 10-16.
- Chaudhary D. K., Ghosh A., Thangavel R., Kumar Lokendra, (2018) "Bulk-heterojunction hybrid solar cells with non-toxic, earth abundant stannite phase CuZn2AlS4 nanocrystals" Thin Solid Films 649202-209.
- Chaudhary D. K., Kumar P., Kumar Lokendra, (2017) "Impact of CH3NH3PbI3-PCBM bulk heterojunction active layer on the photovoltaic performance of perovskite solar cells", Chemical Physics Letters 685 210-216.
- Chaudhary D. K., Kumar P., Kumar Lokendra, (2017) "Improved photovoltaic performance of bilayer small molecular solar cells via geometrical rearrangement of active materials", Materials Technology 32 (13) 792-799.

- Chung, H., Sun, X., Mohite, A.D., Kumar Lokendra, Alam, M.A., Bermel, P. (2017) "Modeling and designing multilayer 2D perovskite/ silicon bifacial tandem photovoltaics for high efficiencies and long-term stability" OPTICS EXPRESS Vol. 25, No. 8 | 17 Apr 2017 | A3111094-4087.
- G. Vaish and R. Kripal, EPR and optical spectroscopic study of Mn2+ doped transition metal oxide nanoparticles, 2nd Meghnad Saha memorial International symposium cum workshop on Laser Induced Breakdown Spectroscopy, Physics Department, University of Allahabad, Feb. 19-21, 2018.
- Indrajeet Mishra and R. Kripal, EMR study of VO2+ in trisodium citrate pentahydrate single crystals, 2nd Meghnad Saha memorial International symposium cum workshop on Laser Induced Breakdown Spectroscopy, Physics Department, University of Allahabad, Feb.19-21, 2018.
- Jaiswal, A.K., Yadawa, P.K. and Yadav, R.R., (2018), Ultrasonic Wave Propagation in Ternary Intermetallic CeCuGe Compound, Ultrasonics 89, 22-25.
- K.N. Uttam; Opportunities and Challenges in Biophysics and Bioinformatics, Biofisica-2018, 19 January, 2018, Department of Physics, Ewing Christian College, Allahabad.
- Kumar, R., Singh, R. K., Singh, D. P. Alfredo R Vaz Yadav, R. R., Rout, C. S., Moshkalev, S. A. (2017). Synthesis of self-assembled and hierarchical palladium-CNTs-reduced graphene oxide composites for enhanced field emission properties, Materials & Design (Elsevier) 122 (2017) 110-117.
- Kumar, S., Chaudhary, D., Dhawan, P. K., Yadav, R. R., Khare, N., (2017), Bi2Te3-MWCNT nanocomposite: An efficient thermoelectric material, Ceramics International 43 (2017) 14976-14982.
- N. Pant, A. L. Verma, S. D. Pandey and Ram Kripal, Electron Paramagnetic Resonance studies of vanadyl doped K1.98 (NH4)0.2(C2O4)2.H2O system, National Acad. Sci. Lett., Accepted, March 8, 2017.
- Namira Arif, Shweta Gaur, Vashali Yadav, Ashok Kumar Pathak, D. K. Tripathi, A K Rai and D K Chauhan: Monitoring of elemental distribution in nitric oxide and AgNPs treated wheat seedlings through LIBS, Abstract-67, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Neeraj Kumar Giri1, Rajiv Prakash, A. K. Rai, S. B. Rai and H. Mishra:Fluorescence enhancement studied of Tb3+ in organic/inorganic hybrid, Abstract-93, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Nidhi Shukla, Abhi Sarika Bharti, M.N. Deo and K. N. Uttam, Determination of Carrot root Quality by Using Laser Induced Breakdown & FT-Raman Spectroscopy Proceedings of National Laser Symposium (NLS-26), BARC, Mumbai, 20-23 Dec, 2017, CP-09.51
- Nidhi Shukla, Abhi Sarika Bharti, Sweta Sharma, A. Khooha, M. K. Tiwari, K N Uttam, Investigation of
 nutrient profile of the carrot by synchrotron radiation induced x-ray fluorescence spectroscopy, presented in
 National conference on Optics, Photonics and Synchrotron Radiation for Technological Applications, OPSR110, 203-204, April 29 May 02, 2018.
- Nidhi Shukla, Abhi Sarika Bharti, Sweta Sharma, M.N. Deo and K. N. Uttam, Nondestructive biochemical
 evaluation of Lagenaria siceraria fruit by FT-Raman spectroscopy, presented in National conference on Optics,
 Photonics and Synchrotron Radiation for Technological Applications, OPSR-109, 201-202, April 29 May 02,
 2018.
- Pandey, D. K. and Yadav, P. S. Ab-Initio Study of the Structural and Electronic Properties of ZnxTey(x+y=2 to 4) nanoclusters, 2nd Meghnad Saha memorial International symposium cum workshop on Laser Induced Breakdown Spectroscopy, Physics Department, University of Allahabad, Feb.19-21, 2018.
- Pravin Kumar Tiwari, Raj Kmar Anand, Awadhesh Kumar Rai: Analysis of Threads using Laser-Induced Breakdown Spectroscopy, Abstract, , ICAOP 2017.
- Pravin Kumar Tiwari, Raj Kumar Anand and Awadhesh Kumar Rai: Absolute analysis of minerals in multivitamins drug using atomic spectroscopic techniques, Abstract-41, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Pravin Kumar Tiwari, Raj Kumar Anand and Awadhesh Kumar Rai: Analytical method of validation for laser produced plasma spectroscopy analysis on Pharmaceutical Samples, Abstract-69, 2nd Meghnad Saha Memorial

- International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- R. K. Anand: The study of converging shock waves in view of Mie-Gruneisen equation of state, Abstract- 58, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- R. Kripal and A. K. Yadav, EPR and optical absorption studies of Cr3+ doped cesium tetrabromozincate, International conference on emerging materials & applications, Physics Department, University of Allahabad, Allahabad, Feb.20-22, 2017.
- R. Kripal and A. K. Yadav, EPR and optical absorption study of Fe3+ doped monohydrated dipotassium stannic chloride, 2nd Meghnad Saha memorial International symposium cum workshop on Laser Induced Breakdown Spectroscopy, Physics Department, University of Allahabad, Feb.19-21, 2018.
- R. Kripal and G. Vaish, Effect of Mn2+ doping on structural and optical properties of ZnO nanoparticles, International conference on emerging materials & applications, Physics Department, University of Allahabad, Allahabad, Feb.20-22, 2017.
- R. Kripal and Indrajeet Mishra, Absorption study of Mn2+ in cadmium formate dehydrateInternational conference on emerging materials & applications, Physics Department, University of Allahabad, Allahabad, Feb.20-22, 2017.
- R. Kripal and U. M. Tripathi, Magneto-optic properties of Mn2+ doped CdS nanocrystals, 2nd Meghnad Saha memorial International symposium cum workshop on Laser Induced Breakdown Spectroscopy, Physics Department, University of Allahabad, Feb.19-21, 2018.
- R. Kripal and U. M. Tripathi, Study of optical and magnetic properties of Mn2+ doped PbS nanocrystals, International conference on emerging materials & applications, Physics Department, University of Allahabad, Allahabad, Feb.20-22, 2017.
- R. Kumar, S. Ojha, A. K. Mittal, S. Ghosh and F. Singh (2017) Nanostructuring and wettability of ion treated Au thin films' by U. B. Singh, R. P. Yadav, Journal of Applied Physics, 122, 185303.
- Rahul Agrawal, A. K. Pathak and A. K. Rai: Study of egg shell using laser induced breakdown spectroscopy, Abstract-69, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Rahul Uttam, Sweta Sharma, Abhi Sarika Bharti, Ravindra Dhar and K. N. Uttam, Label free and rapid spectroscopic detection of the copper oxide nanoparticles induced phytotoxicity in the pea plants, presented in National conference on Optics, Photonics and Synchrotron Radiation for Technological Applications, OPSR-102, 195-196, April 29 - May 02, 2018.
- Ram Kripal and Awadhesh Kumar Yadav Modeling of Mn2+ doped zinc sulfide nano crystals, , Iranian J. Sci. Tech. Trans. A: Sci., 2016, Accepted, 3 Jan. 2017, https://doi.org/10.1007/s40995-017-0146-8.
- Ram Kripal and Awadhesh Kumar Yadav, Calculation of [g] Tensor of 3d9 Complexes on the Basis of Molecular Orbital Theory, Int. J. Modern Phys. Appl. 5(2018)11-14.
- Ram Kripal and Upendra M. Tripathi, Synthesis and Characterization of Mn2+ Doped CdS Quantum Dots, Adv. Sci. Eng. Med., 9(2017)130-136.
- Ram Kripal and UpendraMani Tripathi, A Comprehensive Spectroscopic Study of Mn2+ doped PbS nanocrystals, JMSE (Accepted, May 18, 2018).
- Ram Kripal, Garima Vaish and Upendra Mani Tripathi, Comparative study of EPR and optical properties of CdS, TiO2 and CdS -TiO2 nanocomposits, communicated.
- Ram Kripal, Sanjay Misra and Awadhesh Kumar Yadav, Crystalline field effect on ESR parameters of Cu2+ion, Int. J. Eng. Res. online (IJOER), (2016)300-304, issue 6.
- Ram Kripal, Sanjay Misra and Awadhesh Kumar Yadav, Crystalline Field Effect on bonding Parameters of VO2+ Ion, ,Boson J. Mod. Phys., 3 (2017) 208-213.
- Ram Kripal, Sanjay Misra and Awadhesh Kumar Yadav,PR and optical study of Cu2+ doped potassium hydrogen bis homophthalate, Adv. Alloys compds. 4 (2017) 1-16.
- Ram Kripal, Santwana Shukla and Awadhesh Kumar Yadav, Molecular orbital calculation of spin-Hamiltonian parameters, Int. J. Eng. Res. Online (IJOER), 5 (2017)140-144, issue 6.

- Ranjan Kumar, Sweta Sharma, Abhi Sarika Bharti and K.N.Uttam, Potential of direct current optical emission spectroscopy for the determination of elements in gram flour, presented in the ISCA Allahabad Chapter during 24-25 Feb, 2018.
- Reshu Kumari, Pravin Kumar Tiwari, Apeksha Rai, Raj Kumar Anand and A K Rai: The elemental analysis of
 ayurvedic medicine using LIBS, Abstract-71, 2nd Meghnad Saha Memorial International Symposium-cumWorkshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad,
 Feb. 19-21, 2018.
- Rohit Kumar and A K Rai: Identification and Quantification of Toxic Elements in Environmental Samples
 Collected from Industrial Area, Abstract-43, 2nd Meghnad Saha Memorial International Symposium-cumWorkshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad,
 Feb. 19-21, 2018.
- S. Pandey and R. Kripal, A theoretical analysis of zero field splitting parameters of Cr3+ doped lithium potassium sulphate, 2nd Meghnad Saha memorial International symposium cum workshop on Laser Induced Breakdown Spectroscopy, Physics Department, University of Allahabad, Feb.19-21, 2018.
- S. Pandey and R. Kripal, Optical absorption study of Cr3+ doped L-Histidine hydrochloride Monohydrate, International conference on emerging materials & applications, Physics Department, University of Allahabad, Allahabad, Feb.20-22, 2017.
- Shikha Awasthi and A K Rai: Analysis of new age coins using LIBS and multivariate methods, Abstract-72, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Shikha Awasthi, A K Rai: Analysis of reference materials using LIBS and multivariate methods, Abstract, ICAOP 2017.
- Shuchi Srivastava, Renu Singh and K. N. Uttam, Elemental assessment of the cholelithiasis samples (gallstone, lithogenic bile, blood, and urine) by laser induced breakdown spectroscopy, presented in the 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Allahabad, 19-21 Feb 2018.
- Shweta Gaur, Vashali Yadav, Namira Arif, D. K. Tripathi, A K Rai and D K Chauhan: Detection of Silicon (Si) alleviative nature against Chromium (Cr) toxicity in Pea (Pisum satium) seedlings by LIB spectroscopy, Abstract-64, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Singh, D., Mishra, G., Kumar, R., Yadav, R.R. (2017). Temperature Dependence of Elastic and Ultrasonic Properties of Sodium Borohydride, Communications in Physics 27 (2017) 151.
- Singh, J., Kumar, R., Awasthi, S., Singh, V. and Rai, A. K. (2017). Laser Induced breakdown spectroscopy: A
 rapid tool for the identification and quantification of minerals in cucurbit seeds, Food Chemistry, 221, 17781783.
- Singh, V., Mishra, S., Singh, J., Rai, A. K. (2017). Phenolic content and antioxidant activity of solvent extracts of mahua (Madhuca longifolia) flowers and fruit, Nutrafoods, 16(1).
- Sinha, J., Singh V, Singh J, Rai AK (2017) Phytochemistry, Ethnomedical Uses and Future Prospects of Mahua (Madhuca longifolia) as a Food: A Review. J Nutr Food Sci. 7, 573.
- Sivakumar, N., Jayavel, R., Anbalagan, G., Yadav, R.R. (2018), Synthesis, growth, spectral, electrical, mechanical and thermal characterization of a potential optical material: γ-glycine single crystal, Optical Materials, 80, 2018, 177-185
- Sonali Dubey, Abhishek Kumar Rai, J K Pati, R K Anand and A K Rai: The multivariate analysis of LIBS spectra of igneous rocks, Abstract-73, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Sweta Sharma and K N Uttam, Non-destructive and rapid probing of biochemical response of arsenic stress on the leaves of wheat seedlings using attenuated total reflectance Fourier transform infrared spectroscopy, presented in the ISCA Allahabad Chapter during 24-25 Feb, 2018.

- Sweta Sharma and K. N. Uttam (2018) Nondestructive and Rapid Probing of Biochemical Response of Arsenic Stress on the Leaves of Wheat Seedlings Using Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy, Analytical Letters, doi: 10.1080/00032719.2018.1461896
- Sweta Sharma and K.N. Uttam (2017). Early stage detection of stress due to copper on Maize (Zea mays L.) by infrared and fluorescence spectroscopy, Journal of Applied Spectroscopy.
- Sweta Sharma and K.N.Uttam (2017). Early diagnostic of mercury stress on wheat seedlings using attenuated total reflection Fourier transform infrared spectroscopy, Analytical Letters., 51: 1544-1563, 2018.
- Sweta Sharma and K.N.Uttam (2017). Rapid analyses of stress of copper oxide nanoparticles on wheat plants at an early stage by laser induced fluorescence and attenuated total reflectance Fourier transform infrared spectroscopy, Vibrational Spectroscopy, 92: 135-150, 2017
- Sweta Sharma, Abhi Sarika Bharti, and K.N. Uttam, Non-destructive, label free evaluation of biochemical profile associated with the growth and ripening process in the exocarp of jamun fruit by Confocal Raman spectroscopy Proceedings of National Laser Symposium (NLS-26), BARC, Mumbai, 20-23 Dec, 2017, CP-10.14
- Sweta Sharma, Abhi Sarika Bharti, M.K. Tiwari And K.N.Uttam, Investigation of the effect of manganese stress on the mineral content of the leaves of wheat seedling by synchrotron radiation X-ray fluorescence spectroscopy, presented in the 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Allahabad, 19-21 Feb 2018.
- Sweta Sharma, M K Tiwari and K N Uttam, Non-destructive and rapid interrogation of elemental and biochemical alteration in the leaves of wheat seedlings induced by Al2O3 nanoparticles using synchrotron radiation X-ray fluorescence and attenuated total reflectance Fourier transform infrared spectroscopy, presented in National conference on Optics, Photonics and Synchrotron Radiation for Technological Applications, April 29, May 02, 2018, OPSR-111, 205-206.
- Sweta Sharma, Nidhi Shukla, Abhi Sarika Bharti, and K N Uttam, Simultaneous multielemental analysis of the leaf of Moringa oleifera by direct current arc optical emission spectroscopy, National Academy Science letters, 41: 65–68, 2018.
- Sweta Sharma, Rahul Uttam and K N Uttam, Detection of vibrational spectroscopic biomarkers of the effect of gold nanoparticles on wheat seedlings using attenuated total reflectance Fourier Transform Infrared spectroscopy, presented in the 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Allahabad, 19-21 Feb 2018.
- Sweta Sharma, Rahul Uttam and K.N. Uttam, Molecular dynamics of interaction between chlorophyll and zinc oxide nanoparticles: A steady state fluorescence quenching study, presented in the ISCA Allahabad Chapter during 24-25 Feb, 2018.
- Sweta Sharma, Rahul Uttam, Praveen Singh and K N Uttam, (2018). Detection of vibrational spectroscopic biomarkers of the effect of gold nanoparticles on wheat seedlings using attenuated total reflectance Fourier transform infrared spectroscopy, Analytical Letters, doi: 10.1080/00032719.2017.1423077.
- Sweta Sharma, Rahul Uttam, Renu Singh and K.N. Uttam, Molecular Dynamics of Interaction between Chlorophyll and Copper oxide Nanoparticles: A Steady State Fluorescence Quenching Study Proceedings of National Laser Symposium (NLS-26), BARC, Mumbai, 20-23 Dec, 2017, CP-10.23
- Talu, S., Yadav, R. P., Mittal, A. K., Achour, A., Luna, C., Mardani, M. S., Solaymani, A. Arman, F. Hafezi, A. Ahmedpourian, S. Naderi, K. Saghi, A. Mandez, and G. Trejo 'Application of Mie theory and fractal models to determine the optical and surface roughness of Ag-Cu thin films' by. Opt Quant Electron 2017, 49, 256. DOI 10.1007/s 1108-017-1079-3. Springer.
- Tiwari, P. K., Awasthi, S., Kumar, R., Anand, R. K., Rai, P. K. and Rai, A. K. (2018). Rapid Analysis of Pharmaceutical Drugs using LIBS Coupled with Multivariate analysis, Lasers in Medical Science, 33 (2), 263-270.
- Tiwari, P.K., Rai, A.K., Sundaram, S., Microalgal, consortia differentially modulate progressive adsorption of hexavalent chromium Adi Nath, Physiol Mol Biol Plants, 23, 0971-5894.
- Vaishali Yadav, Namira Arif1, Shweta Gaur, Nilesh K Rai, D. K. Tripathi, A K Rai and D K Chauhan: Application of LIBS to detect multiple stress impact on nutrient regulation in rice seedlings, Abstract-74, 2nd

- Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Verma, A.K., Jaiswal, A.K. and Yadav, R.R. (2017). Temperature and concentration dependent acoustical analysis of MgFe2O4 nanoparticles-ethylene glycol liquid suspensions, J. Pure Appl. Ultrason. 39 (2017) 110-115.
- Vikas Gupta, Pravin K. Tiwari, Raj Kumar Anand and Awadhesh K Rai: Implementation of statistical methods on LIBS datasets, Abstract-74, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.
- Yadav, R. P., Agarwal, D. C., Kumar, M., Rajput, P., Tomar, D. S., Pandey, S. N., Priya P. K. and Mittal .A. K. (2017) 'Effect of angle of deposition on the Fractal properties of ZnO thin film surface' by Applied Surface Science, 416, 51-58.
- Yadav, R. P., Kumar, T., Baranwal, V., Vandana, Kumar, M., Priya, P. K., Pandey, S. N. and Mittal, A. K. (2017). Fractal characterization and wettability of ion treated silicon surfaces' Journal of Applied Physics, 121, 055301.
- Z. Gazali and A K Rai: Analysis of Chemical composition of Gallbladder stone using Photoacoustic Spectroscopy, Abstract, NLS-26, 2017.
- Z. Gazali and A K Rai: Study of thermal properties of Cadmium Sulphide using Photoacoustic Spectroscopy, Abstract, ICAOP 2017.
- Zainab Gazali and A.K. Rai: Investigation of The Thermal Properties of Semiconductor using Photoacoustic Spectroscopy, Abstract-100, 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy-2018, Department of Physics, University of Allahabad, Feb. 19-21, 2018.

DEPARTMENT OF STATISTICS

- Badi H. Baltagia, Georges Bresson, Anoop Chaturvedi and Guy Lacroix (2018).Robust linear static panel data models using ε-contamination, *Journal of Econometrics*, 202 108–123, ISSN: 0304-4076. http://dx.doi.org/10.1016/j.jeconom.2017.07.002.
- Jitendra Kumar, Umme Afifa and Anoop Chaturvedi (2017). Bayesian Unit Root Test for Panel Data, (with), *Economics and Econometrics Research Institute paper series*, EERI RP 2017/02.
- Pallavi Gaur and Anoop Chaturvedi (2017). Clustering and Candidate Motifs Detection in ExosomalmiRNAs by Application of Machine Learning Algorithms, *Interdisciplinary Sciences: Computational Life Sciences*. https://doi.org/10.1007/s12539-017-0253-4.
- Pundir PS & Gupta PK, Reliability Estimation in Load Sharing System Model with Application to Real Data, Annals of Data Science (Springer), Vol.- 5(1), pp.- 69-91, 2018.
- Verma, Anurag and Abhinav Singh. "Application of Leslie Matrix Model for Projections of age-specific female Population for India." *World Wide Journal of Multidisciplinary Research and Development*(2017); 3(12): 42-44.
- Verma, Anurag, Abhinav Singh, and Gyan Prakash Singh. "Future Prospects of Adult Mortality in India." *Demography India* (2017): 117-125.
- Verma, Anurag, Abhinav Singh, Gyan Prakash Singh and Pramendra Singh Pundir. "Modelling and Forecasting Age-Specific Mortality Rates in India." *World Wide Journal of Multidisciplinary Research and Development* (2018); 4(1): 113-116.

DEPARTMENT OF ZOOLOGY

- Begum, N. and Pandey, R.S. (2017). Impact of *Calotropis procera* and *Annona squamosa* alcoholic extract on phosphatises and transaminases activities in *Musca domestica*. Nat. Acad. Sci. Lett. DOI 10.1007/s40009-017-0546-5. (Springer), IF 0.51
- Jyoti Verma, Prateek Srivastava & Anita Gopesh (2017) Distribution of diatom flora of the family Achnantheaceae in two different mountain ecoregions: The Himalaya and the Central Highland. International Journal of Research 4(10); 1236-1244. ISSN: 2348-6848.
- Jyoti Verma, Prateek Srivastava, Prakash Nautiyal and Anita Gopesh (2017). Check list of diatom taxa from Vindhyan rivers in Central Highland region". Annals of Plant Sciences. Volume 6; Issue 11; 1721-1727. ISSN No: 2287-688X.

- K. P. Singh and M. K. Singh. (2017). In utero exposure to atypical antipsychotic drug, risperidone: Effects on fetal neurotoxicity in hippocampal region and cognitive impairment in rat offspring. Progress in Neuropsychopharmacology & Biological Psychiatry, 75, 35–44, (Elsevier) IF: 4.3
- Mohanty, B. Pandey, S. P. and Tsuisui, K. (2017) Thyroid disrupting pesticides impair the hypothalamic-pituitary-testicular axis of a wildlife bird, *Amandava amandava*. Reproductive Toxicology, 71 32-41. IF: 2.58
- Pandey SP and Mohanty B. (2017). Disruption of the hypothalamic-pituitary-thyroid axis on co-exposures to dithiocarbamate and neonicotinoid pesticides: study in a wildlife bird, *Amandava amandava*. Neurotoxicology, 60, 16-22, (Elsevier) IF: 3.07
- Pandey SP, Tsutsui K, Mohanty B. (2017). Endocrine disrupting pesticides impair the neuroendocrine regulation of reproductive behaviors and secondary sexual characters of red munia (*Amandava amandava*). Physiology & Behavior, 173,15-22, (Elsevier) IF: 2.46
- S. Tripathi, A.Gopesh and A. C. Dwivedi(2017) Framework and sustainable audit for assessing of the Ganga River ecosystem health at Allahabad (India). Asian Jour. Of Environmental Science, India, Vol (12), pp:37-42, ISSN:09766-8947.
- S.Tripathi and A.Gopesh (2017).Reproductive profile of *Eutropiichthys vacha* (Hamilton, 1822) from the middle stretch of the Ganga river,India. Jouranal of Nehru Gram Bharati University. Volume: VI, pp:20-26, ISSN: 2319-9997.
- Sandeep Kumar Gaur and Krishna Kumar (2017). Bioefficacy of root extracts of a medicinal plant, *Withania somnifera* (Dunal) against a polyphagous pest, *Spodoptera litura* (Fabricius) (Lepidoptera: Noctuidae). Archives of Phytopathology and Plant Protection. 50: 802-814 (Taylor & Francis)
- Sandeep Kumar Gaur and Krishna Kumar (2017). *Withania somnifera* acts as a potential insect growth regulator in a polyphagous pest, *Pericallia ricini*. Journal of Plant protection research. 57: 379-388
- Sarita Tripathi, Gopesh .A and A.C. Dwivedi (2017) .Fish and fisheries in the Ganga River: Current assessment of the fish community, threats and restoration. Journal of Experimental Zoology, India, Vol 20, No.2, pp:907-912, ISSN:0972-0030.
- Singh S. K., Hidau M. K., Gautam S., Gupta K., Singh K. P., Singh S. K. & Singh S. (2018). Glycol chitosan functionalized asenapine nanostructured lipid carriers for targeted brain delivery: Pharmacokinetic and teratogenic assessment. International Journal of Biological Macromolecules, 108, 1092-1100. (Elsevier) IF: 3.90
- Singh, K. P. & Gupta K. (2018). Teratogenic effects of third-generation antiepileptic drug, pregabalin: an in vivo study. Current Drug Safety, 13(2), 113-121. (Bentham Science)
- Singh. A,Gupta. V, Siddiqui. N.J, Tiwari. S, Gopesh. A, Sharma. B (2017). Time course studies on Imact of Low Temperature Exposure on the levels of Protein and Enzymes in Fifth Instar Larva of Eri Silkworm *Philosamia ricini* (Lepidoptera: satuniidae). Journal of Biochemistry and Analytical Biochemistry. Volume 6, ISSN: 2161-1009.

CENTRE OF BIOTECHNOLOGY

- Algal Based CO2 Sequestration: A Sustainable Route for CO2 Mitigation (Shailendra Kumar Singh, Sushil Kumar Singh, Vinod Kumar Kannaujiya, MdAkhlaqur Rahman, Kritika Dixit, Adinath, Suman Kapur and Shanthy Sundaram, in the book The Role of Photosynthetic Microbes in Agriculture and Industry, Nova Publishers.
- B. Yadav, V. Verma, N. Tabassum, A. Singh, M. Kumar and A. Kumar. Generation of Induced Pluripotent Stem cells (iPSCs) and Their Clinical Applications. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 281-302 (ISSN No. 978-1-53612-732-4).
- B. Yadav, V. Verma, N. Tabassum, A. Singh, M. Kumar, A. Kumar and M. P. Singh. An insight into Amniotic Fluid Stem Cells. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 87-100 (ISSN No. 978-1-53612-732-4).
- B. Yadav, Vinod Verma, N. Tabassum, A. Singh, M. Kumar and A. Kumar. The Current Perspective and Applications of Mesenchymal Stem Cells (MSCs) in Regenerative Medicine. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 71-86 (ISSN No. 978-1-53612-732-4).

- Carbon-Based Nanofibers: Fullerenes, Diamond, and Carbon Nanostructures: R K Verma, C Misra, AB Yadav: Handbook of Nanofibers: 2018; https://doi.org/10.1007/978-3-319-42789-8 5-1 (Springer Publisher)
- DNA nanostructures: chemistry, self-assembly, and applications: A Sharma, K Vaghasiya, RK Verma, AB Yadav: Emerging Applications of Nanoparticles and Architecture Nanostructures;2018: 71-94. (Elsevier Publication)
- Ena Gupta, Abubakar Mohammed, Shalini Purwar, Syed Ibrahim Rizvi and Shanthy Sundaram, 'Diminution of oxidative stress in alloxan-induced diabetic rats by Stevia rebaudiana' Research Journal of Pharmacognosy and Phytochemistry 2017, Vol:9No:4:October-December:2017.
- Kumar D, Kannaujiya VK, Pathak J, Sundaram S, Sinha RP. Composition and functional property of photosynthetic pigments under circadian rhythm in the cyanobacterium Spirulina platensis. Protoplasma. 2018 May 1;255(3):885-98.
- M. Kumar, V. Verma, R. Hemalatha and Devraj P. and M. P. Singh. Targeting Signaling Pathways to Eliminate Cancer Stem Cells. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 145-180 (ISSN No. 978-1-53612-732-4).
- MdAkhlaqur Rahman, Shailendra K. Singh, Vinod K. Kannaujiya, Kritika Dixit, AdiNath and Shanthy Sundaram Biosynthesis and Biotechnological potential of UV-absorbing Compounds in Microalgae in the book The Role of Photosynthetic Microbes in Agriculture and Industry, Nova Publishers.
- N. Tabassum, V. Verma, C. B. Yadav, M. Kumar, A. Kumar, A. Mukherjee, M. P. Singh and A. K. Singh. Regulatory Networks in Mesenchymal Stem Cells. 2017. In: M.P.Singh, Vinod Verma et al (Eds), Incredible world of biotechnology. by Nova Science publishers; page no.97-117 (ISSN No 978-1-53611-282-5).
- N. Tabassum, V. Verma, C. B. Yadav, A. Singh, M. Kumar, A. Kumar and M. P. Singh. Tissue Engineering in Regenerative Medicine. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 17-32 (ISSN No. 978-1-53612-732-4).
- N. Tabassum, V. Verma, C. B. Yadav, A. Singh, M. Kumar, A. Kumar and M. P. Singh. Progress and Prospect of Nanotechnology in Stem Cells. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 33-44 (ISSN No. 978-1-53612-732-4).
- N. Tabassum, V. Verma, C. B. Yadav, A. Singh, M. Kumar, A. Kumar and M. P. Singh. Epigenetics in Pluripotent Stem Cells. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 101-112 (ISSN No. 978-1-53612-732-4).
- Nath A, Kannaujiya VK, Sundaram S. Standing stock production by micro-algal consortia for CO2 Sequestration and mitigation, J. Algal Biomass Utln. 2017, 8(4): 118-124 eISSN: 2229 6905.
- Nath, A., Rai, A. K., &Sundaram, S. Microalgal consortia differentially modulate progressive adsorption of hexavalent chromium. 2017, Physiology and Molecular Biology of Plants, 1-12. ISSN 0971-5894/DOI 10.1007/s12298-017-0415-1;I.F.-1.35
- R. K. Pathak, ArkapravahHangloo, V. K. Chaturvedi, S. Agarwal, V. Verma, N. Tabassum and M. P. Singh. Cancer's Epicentre: Cancer Stem Cells. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 319-328 (ISSN No. 978-1-53612-732-4).
- Recent Advances in the Production and Purification Technology of Phycobiliproteins: A Sustainable Approach, Vinod K. Kannaujiya, Md. Akhlaqur Rahman, AdiNath, Shailendra K. Singh, Shanthy Sundaram and Rajeshwar P. Sinha, Department of Botany, MMV, Banaras Hindu University, Varanasi, In KeshawanandTripathi, Ravindra Kumar Yadav, YadurappaPrashad Reddy, Devendra Kumar., in the book The Role of Photosynthetic Microbes in Agriculture and Industry, Nova Publishers.
- Singh V, Dwivedi LM, Baranwal K, Asthana S, Sundaram S. Oxidized guar gum–ZnO hybrid nanostructures: synthesis, characterization and antibacterial activity. Applied Nanoscience. 2018 Apr 1:1-2.
- Singh, V. Verma, N. Tabassum, C. B. Yadav, M. Kumar and A. Kumar. Navigation and Differentiation of Stem Cells Towards β-cells. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 57-70 (ISSN No. 978-1-53612-732-4).
- Singh, V. Verma, N. Tabassum, C. B. Yadav, M. Kumar and A. Kumar. Stem Cell-Derived Models in Toxicology. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 113-126 (ISSN No. 978-1-53612-732-4).

- Singh, V. Verma, N. Tabassum, C. B. Yadav, M. Kumar and A. Kumar. Induced Pluripotent Stem Cell (iPSC) Reprogramming Protocols. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 303-318 (ISSN No. 978-1-53612-732-4).
- Singh, V. Verma, N. Tabassum, C. B. Yadav, M. Kumar, A. Kumar and M. P. Singh. Stem Cell Therapy in Diabetes. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 45-56 (ISSN No. 978-1-53612-732-4).
- V. K. Chaturvedi, ArkapravahHangloo, R. K. Pathak, K. K. Gupta, V. Singh, A. K. Singh, V. Verma and M. P. Singh. Stem Cell Therapy for Neurodegenerative Disorders. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 269-280 (ISSN No. 978-1-53612-732-4).
- V. K. Chaturvedi, ArkapravahHangloo, R. K. Pathak, S. Agarwal, A. Kushwaha, K. K. Gupta, S. Maurya, A. K. Singh, V. Verma and M. P. Singh. The Molecular Landscape of Head and Neck Squamous Cell Carcinoma (HNSCC). 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 181-196 (ISSN No. 978-1-53612-732-4).
- V. Singh, S. Ubaid, G. Singh and V. Verma. Regulation of Hematopoitic Stem Cells. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 211-228 (ISSN No. 978-1-53612-732-4).
- V. Verma, A. Mukherjee, L. Singh, S. Diwedi, N. Tabassum, C. B. Yadav, A. Singh, M. Kumar, A. Kumar and M.P. Singh. Targeted Cancer Therapy. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 127-144 (ISSN No. 978-1-53612-732-4).
- V. Verma, A. Mukherjee, N. Tabassum, C. B. Yadav, A. Singh, M. Kumar, A. Kumar and Devraj P. Cord Blood Banking: Hope vs Hype. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 197-210 (ISSN No. 978-1-53612-732-4).
- V. Verma, N. Tabassum, C. B. Yadav, M. Kumar, A. Kumar, L. Singh, M. P. Singh and A. K. Singh. Mesenchymal Stem Cell Derived Exosomes: A Potential Novel Tool for Cancer Therapy . 2017. In: M.P.Singh, Vinod Verma et al (Eds), Incredible world of biotechnology. by Nova Science publishers; page no.79-96 (ISSN No 978-1-53611-282-5).
- V. Verma. A Glossary for Stem Cell Biology. 2017. In: Vinod Verma et al (Eds), Stem Cells From Culture Dish To Clinic. By Nova Science publishers; page no. 329-334 (ISSN No. 978-1-53612-732-4).
- V. Verma. Pluripotent Stem Cells: Rise of the Fallen. 2017. In: Vinod Verma et al (Eds), Stem Cells from Culture Dish to Clinic. By Nova Science publishers; page no. 1-16 (ISSN No. 978-1-53612-732-4).
- Vaseem, H., Singh, V.K. and Singh, M.P. (2017). Heavy metal pollution due to coal washery effluent and its decontamination using a macrofungus, *Pleurotusostreatus*. Ecotoxicology and Environmental Safety 145: 42-49.
- Vikas Kumar Patel, Shanthy Sundaram Akash Kumar Patel, Alok Kalra 2017, RESEARCH ARTICLE -BIOLOGICAL SCIENCES Characterization of Seven Species of Cyanobacteria for High-Quality Biomass Production. Arab J SciEng DOI 10.1007/s13369-017-2666-0
- Vinod Kumar Kannaujiya, Shanthy Sundaram, Rajeshwar P. Sinha, (2017), Recent Development on Phycobiliproteins Research (Biotechnological and Industrial Significance), Springer Publishers
- Vinod Verma, M.P.Singh and Manoj Kumar (2017) (ed), *Stem cell from culture dish to clinic*"; published by Nova Science Publishers, Inc., N.Y., USA (ISBN: 978-1-53612-733-1).

CENTRE OF BIOINFORMATICS

- Agarwal, S., Gupta, K.K., Chaturvedi, V.K., Kushwaha, A., Chaurasia, P.K. and Singh, M.P. (2018). The Potential Application of Peroxidase Enzyme for the treatment of Industry wastes. In: Research Advancements in Pharmaceutical, Nutritional, and Industrial Enzymology (Edited by P.L. Bharti and P.K. Chaurasia). Pp 278-293. IGI Global Publishers.
- Chaturvedi, V.K., Hangloo, A., Pathak, R.K., Agarwal, S., Kushwaha, A., Gupta, K.K., Maurya, S., Singh, A.K. Verma, V. and Singh, M.P. 2017. The molecular landscape of head and neck squamous cell carcinoma (HNSCC). In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 181-196.

- Chaturvedi, V.K., Hangloo, A., Pathak, R.K., Gupta, K.K., Singh, V., Singh, A.K. Verma, V. and Singh, M.P. 2017. Stem cell therapy for neurodenerative disorders. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 269-280.
- Katara Pramod Stem Cells: A key to solving the Drug Screening Enigma (2017) (Book: *Stem Cells from Culture Dish to Clinic* (Edited by Nova Science Publishers (USA), ISBN: 978-1-53612-732-4).
- Kumar, M., Vema, V., Hemalatha, R., Devraj, P. and Singh, M.P. 2017. Targeting signaling pathways to eliminate cancer stem cells. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 145-179.
- Kushwaha, A., Maurya, S., Pathak, R.K., Agarwal, S., Chaurasia, P.K. and Singh, M.P. (2018). Laccase from white rot fungi having significance role in food and other indusries. In: Research Advancements in Pharmaceutical, Nutritional, and Industrial Enzymology (Edited by P.L. Bharti and P.K. Chaurasia). Pp 253-277. IGI Global Publishers.
- Narad, P., Upadhyaya, K. C. and Som, A. (2017). Reconstruction, visualization and explorative analysis of human pluripotencynetwork. Network Biology, 7(3): 57-75.
- Pathak, R.K., Hangloo, A., Chaturvedi, V.K., Agarwal, S., Verma, V., Tabassum, N. and Singh, M.P. 2017. Cancer's epicenter: cancer stem cells. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 318-328.
- Singh, A., Verma, V., Tabassum, N., Yadav, C.B., Kumar, M., Kumar, A. and Singh, M.P. 2017. Stem cell therapy in diabetes. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 45-55.
- Singh, M.P. (2017). Critical Perspectives in Virology and Immunology. Virol Immunol J, 1(2): 000112.
- Som, A. (2017). Bioinformatics Strategies for Stem Cell Research. In: Stem Cells from Culture Dish to Clinic (Edited by V. Verma, M.P. Singh and M. Kumar); Nova Science Publishers (USA.
- Tabassum, N., Verma, V., Yadav, C.B., Singh, A. Kumar, M., Kumar, A. and Singh, M.P. 2017. Tissue engineering in regenerative medicine. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 17-32.
- Tabassum, N., Verma, V., Yadav, C.B., Singh, A. Kumar, M., Kumar, A. and Singh, M.P. 2017. Progress and prospects of nanotechnology in stem cells. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 33-44.
- Tabassum, N., Verma, V., Yadav, C.B., Singh, A., Kumar, M., Kumar, A. and Singh, M.P. 2017. Epigenetics in pluripotent stem cells. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 101-112.
- Vaseem, H., Singh, V.K. and Singh, M.P. (2017). Heavy metal pollution due to coal washery effluent and its decontamination using a macrofungus, *Pleurotus ostreatus*. *Ecotoxicology and Environmetal Safety* 145: 42-49.
- Verma, V., Mukherjee, A., Singh, L., Dwivedi, S., Tabassum, N., Yadav, C.B., Singh, A., Kumar, M., Kumar, A. and Singh, M.P. 2017. Targeted cancer therapy. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 127-143.
- Vinod Verma, M.P. Singh and Manoj Kumar 2017 (ed) "Stem Cells from Culture Dish to Clinic", published by Nova Science Publishers, Inc., N.Y., USA (ISBN: 978-1-53612-733-1).
- Yadav, C.B., Verma, V., Tabassum, N., Singh, A., Kumar, M., M., Kumar, A. and Singh, M.P. 2017. An insight into amniotic fluid stem cells. In: *Stem Cells from Culture Dish to Clinic*, V. Verma, M.P. Singh and M. Kumar (eds.), Nova Science Publishers, New York (USA), pp 87-99.

CENTRE FOR DEVELOPMENT STUDIES

- Shukla, Subhash. (2017). 'United Nations and peace: Moving from peace keeping to peace building', *Indian Journal of Strategic Studies*, Vol. XXXIII-XXXIV, pg. 70-78.
- Srivastava, Sumit Saurabh. (2017). 'Aspiring Modernity, Lingering Traditionalism: Explorations of Clientele & Patronage Politics in India', *The Eastern Anthropologist*, Vol. 70, No. 1-2, pp. 21-38.
- Srivastava, Sumit Saurabh. (2017). 'Mahilaon ke viruddh hinsa: Ek narivadi paripekshya', *Manav* (Inter-Disciplinary Research Journal of Anthropology & other Social Sciences published in Hindi by EFCS), Year 35, No. 1, pp. 63-76.

• Srivastava, Sumit Saurabh. (2017). 'Sanitation, Health and Hygiene: Dynamics and Inter-linkages', *Samaja Shodhana* (Journal of the Mangalore Sociology Association), March- October, Vol. 26, No. 1 & 2, pp. 83-103.

K. BANERJEE CENTRE OF ATMOSPHERICAND OCEAN STUDIES

- Agrawal Nishtha, Vivek Kumar Pandey (2017), <u>Evaluation of Temperature and Ocean Currents within Hybrid Coordinate Ocean Model (HYCOM) Using Rama Mooring Buoys Data in Indian Ocean</u>, International Journal of Oceans and Oceanography, 11 (2), 159-173.
- Agrawal Nishtha, Vivek Kumar Pandey (2017), Variabiliy of Tropical Indian Ocean Sea Surface Temperature
 and Salinity and its relationship with ENSO, IOD and Wind Speed, VSRD International Journal of Technical &
 Non-Technical Research, 8 (6), 183-187.
- Agrawal Nishtha, Vivek Kumar Pandey and Namedra Sahi (2017), ENSO-IOD changing relationship and its impact on Indian Summer Monsoon, VSRD International Journal of Technical & Non-Technical Research, 8 (5), 165-174.
- Ashutosh Tripathi, Shiliang Liu, Prashant Kumar Singh, Niraj Kumar, Avinash Chandra Pandey, Durgesh Kumar Tripathi, Devendra Kumar Chauhan, Shivendra Sahi, (2017), Differential phytotoxic responses of silver nitrate (Ag NO 3) and silver nanoparticle (AgNps) in Cucumis sativus L.. PLANT GENE; 11. DOI:10.1016/j.plgene.2017.07.005
- C.E. Del Castillo,S. Dwivedi,T. W.N. Haine and David Ho, (2017), Estimating the Distribution of Colored Dissolved Organic Matter during the Southern Ocean Gas Exchange Experiment using 4-dimensional Variational Data Assimilation, *Journal of Geophysical Research Oceans*, 122, 2029-2049, doi:10.1002/2016JC012406.
- Charu Dwivedi, Ishan Pandey, Himanshu Pandey, Sandip Patil, Shanti Bhushan Mishra, Avinash Chandra Pandey, Paolo Zamboni, Pramod W Ramteke, Ajay Vikram Singh, (2018), In vivo diabetic wound healing with nanofibrous scaffolds modified with gentamicin and recombinant human epidermal growth factor. JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A; 106(3)., DOI:10.1002/jbm.a.36268.
- Durgesh Kumar Tripathi, Rohit K. Mishra, Swati Singh, Samiksha Singh, Kanchan Vishwakarma, Shivesh Sharma, Vijay Pratap Singh, Prashant K. Singh, Sheo Mohan Prasad, Nawal K. Dubey, Avinash C. Pandey, Shivendra Sahi, Devendra Kumar Chauhan, (2017), Nitric Oxide Ameliorates Zinc Oxide Nanoparticles Phytotoxicity in Wheat Seedlings: Implication of the Ascorbate—Glutathione Cycle. FRONTIERS IN PLANT SCIENCE; 8(1984)., Art.1, 2017., DOI:10.3389/fpls.2017.00001.
- Halder, S., P. A. Dirmeyer, L. Marx and J. L. Kinter III (2018). Impact of land surface initialization and landatmosphere coupling on the prediction of the Indian summer monsoon with the CFSv2, Frontiers in Environmental Science, 5, 92, pp.1-19, doi: 10.3389/fenvs.2017.00092.
- Huang, B., Shin C., Shukla J., Marx L., Balmaseda M., Halder S., Dirmeyer P.A. and Kinter III, J.L. (2017).Reforecasting the ENSO Events in the Past Fifty-Seven Years (1958-2014), J. Climate, 30, 7669-7693, doi: 10.1175/JCLI-D-16-0642.1.
- Kumar, N., Singh, S.K., Singh, V.G., and Dzwairo, B. (2018). Investigation of impacts of land use/land cover change on water availability of Tons River Basin, Madhya Pradesh, India. Modeling Earth Systems and Environment, 4 (1): 295-210. https://doi.org/10.1007/s40808-018-0425-1
- Kumar, N., Singh, S.K., Srivastava, P.K., and Narsimlu, B. (2017). SWAT Model calibration and uncertainty analysis for streamflow prediction of the Tons River Basin, India, using Sequential Uncertainty Fitting (SUFI-2) algorithm. Modeling Earth Systems and Environment, 3:1–13. https://doi.org/10.1007/s40808-017-0306-z
- Kumar, P., Prasad, R., Choudhary, A., and Singh, S.K. (2018). Performance Analysis of Different Predictive Algorithms for the Land Features Modeling. Edited book Geospatial Applications for Natural Resources Management edited by Singh CK. Chapter 6. 87-107. CRC Press. Boca Raton, FL 33487-2742
- Kumar, S. Dwivedi, D. Ram Rajak, and A. C. Pandey, (2018), Impact of Air-Sea Forcings on the Southern Ocean Sea Ice Variability around the Indian Antarctic Stations, *Polar Science*, doi: 10.1016/j.polar.2018.05.005.
- Kumar, S. Dwivedi, and A. C. Pandey, (2018), Quantifying predictability of sea ice around the Indian Antarctic stations using coupled ocean sea ice model with shelf ice, *Polar Science*, doi:10.1016/j.polar.2018.04.003.
- Kumar,S. Dwivedi,and D. R. Rajak, (2017), Ocean Sea-Ice Modeling in the Southern Ocean around Indian Antarctic Stations, *Journal of Earth System Science*,126: 70, doi:10.1007/s12040-017-0848-5.

- Lamine, S., Petropoulos, G.P., Singh, S.K., Szabó, S., Bachari, N.E.I., Srivastava, P.K., and Suman, S. (2017).
 Quantifying land use/land cover spatio-temporal landscape pattern dynamics from Hyperion using SVMs classifier and FRAGSTATS®. Geocarto International, 33 (8): 862–878. https://doi.org/10.1080/10106049.2017.1307460
- Manoj Kumar Yadav, Santosh Kumar Gupta, Sanjeev Rai, Avinash C. Pandey, (2017), Al embedded MgO barrier MTJ: A first principle study for application in fast and compact STT-MRAMs. SUPERLATTICES AND MICROSTRUCTURES; 103. 314–324, 2017, DOI:10.1016/j.spmi.2017.01.045.
- Manvendra Kumar, Ratnesh K Pandey, Parasmani Rajput, SA Khan, Fouran Singh, DK Avasthi, Avinash C Pandey, (2017), Swift heavy ions induced nano-grain fragmentation in fluoride thin films. JOURNAL OF ALLOYS AND COMPOUNDS 02/2017: 695, DOI: 10.1016/j.jallcom.2016.10.125.
- Manvendra Kumar, Ratnesh K Pandey, Parasmani Rajput, Saif Ahmad Khan, Udai Bhan Bhan Singh, Devesh K Avasthi, Avinash Chandra Pandey, (2017), SHI Induced surface re-organization of non-amorphisable nanodimensional Fluoride Thin Films. PHYSICAL CHEMISTRY CHEMICAL PHYSICS; 19(34)., DOI:10.1039/C7CP01431G: [IF: 4.123]
- Pawan Kumar Dubey, Rajesh Kumar, Avinash Chandra Pandey, Radhey Shyam Tiwari, Onkar Nath Srivastava, (2017), Synthesis of self-aligned and vertically oriented carbon incorporated titania nanotube for improved photoelectrochemical hydrogen generation. INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 02/2017: 42 (8), DOI: 10.1016/j.ijhydene.2016.12.016.
- Pawan Kumar Dubey, Rajesh Kumar, Radhey Shyam Tiwari, Onkar Nath Srivastava, Avinash Chandra Pandey, Prabhakar Singh, (2018), Surface modification of aligned TiO 2 nanotubes by Cu 2 O nanoparticles and their enhanced photo electrochemical properties and hydrogen generation application. INTERNATIONAL JOURNAL OF HYDROGEN ENERGY; 43(14)., DOI:10.1016/j.ijhydene.2018.02.127.
- S. Dwivedi, A. Srivastava, and A. K. Mishra, (2018), Upper Ocean Four-Dimensional Variational Data Assimilation in the Arabian Sea and Bay of Bengal, *Marine Geodesy*, 41:3, 230-257, doi: 10.1080/01490419.2017.1405128.
- Shahi, N K, S Rai and N. Mishra, (2017): Southern Indian Ocean SST as a Modulator for the progression of Indian summer monsoon, *Theoretical and Applied Climatology*, DOI 10.1007/s00704-016-2004-6.(published online)
- Shahi, N K, S Rai and N. Mishra, (2018): Recent Predictors of Indian summer monsoon based on Indian and Pacific Ocean SST, *Meteorol. Atmos. Phys.*, *DOI:* 10.1007/s00703-018-0585-6 (published online).
- Shahi, N. K., Rai, S., Sahai, A. K., & Abhilash, S., (2017): Intra-seasonal variability of the South Asian monsoon and its relationship with the Indo–Pacific sea-surface temperature in the NCEP CFSv2. *International Journal of Climatology*. DOI:10.1002/joc.5349.
- Shashi Kiran Misra, Himanshu Pandey, Sandip Patil, Pramod W. Ramteke, Avinash C. Pandey, (2017), Tolnaftate-Loaded PolyacrylateElectrospun Nanofibers for an Impressive Regimen on Dermatophytosis. FIBERS; 5(4):41., DOI:10.3390/fib5040041
- Singh, S.K., Basommi, B.P., Mustak, Sk, Srivastava, P.K., and Szabo, S. (2017). Modelling of land use land cover change using earth observation data-sets of Tons River Basin, Madhya Pradesh, India. Geocarto International, 1-21. https://doi.org//10.1080/10106049.2017.1343390
- Srivastava, S. Dwivedi, and A. K. Mishra, (2018), Investigating the Role of Air-Sea Forcing on the Variability of Hydrography, Circulation, and Mixed Layer Depth in the Arabian Sea and Bay of Bengal, *Oceanologia*, 60(2), 169-186.
- Vani Mishra, Vikas Baranwal, Rohit K. Mishra, Shivesh Sharma, Bholanath Paul, Avinash C. Pandey, (2017), Immunotoxicological impact and biodistribution assessment of bismuth selenide (Bi2Se3) nanoparticles following intratracheal instillation in mice. SCIENTIFIC REPORTS; 7(1)., DOI:10.1038/s41598-017-18126-y.

CENTRE OF MATERIAL SCIENCES

- Dubey R, Mishra A, Singh K N, Alapati P R, DharRavindra (2017) Electric behaviour of a Schiff's base liquid crystal compound doped with a low concentration of BaTiO 3 nanoparticles, J MolLiq 225, 496-501.
- Dwivedi A, Verma R, DharRavindra, Dabrowski R (2018) Exploration of dielectric relaxations of a room temperature anti-ferroelectric liquid crystal mixture, AIP Conference Proceedings 1953 (1), 050020.

- Hajer,Elkhalgi H M, Khandka S, Yadav N, DharRavindra, Dabrowski R (2018)Effects of manganese (II) titanium oxide nano particles on the physical properties of a room temperature nematic liquid crystal 4-(trans-4'-n-hexylcyclohexyl) isothiocyanatobenzene, J MolLiq 268, 223-228, 2018. https://doi.org/10.1016/j.molliq.2018.07.044
- Kumar S, Verma R, Dwivedi A, Dhar Ravindra, Tripathi A (2018) Improving the thermal stability and electrical parameters of a liquid crystalline material 4-n-(nonyloxy) benzoic acid by using Li ion beam irradiation, AIP Conference Proceedings 1953 (1), 050014.
- Mishra A, Dabrowski R, Dhar Ravindra (2018) Dielectric characteristics of highly ionic antiferroelectric liquid crystalline material, , J MolLiq 249, 106-109.
- Mishra M, Kumar S, and DharRavindra(2017) High concentration of colloidal gold nanoparticles on the thermodynamic, optical and electrical properties of 2, 3, 6, 7, 10, 11- hexabutyloxytryphenylenediscotic liquid crystalline material, Soft Materials, 15 (1), 34-44.
- Seth, J., Dubey, P., Chaudhari, V.R. and Prasad, B.L.V. (2018). Preparation of metal oxide supported catalysts and their utilization for understanding the effect of a support on the catalytic activity. New Journal of Chemistry, 42, 402-410.
- Singh B., Tandon A., Pandey A. K. and Singh P. (2018) Enhanced dielectric constant and structural transformation in Fe-doped hydroxyapatite synthesized by wet chemical method, 53, 8807 8816.
- Singh D, Singh U B, Pandey M B, Dabrowski R, Dhar Ravindra (2018) Improvement of orientational order and display parameters of liquid crystalline material dispersed with single-wall carbon nanotubes, Materials Letters, 216, 5-7.
- Singh U B, Singh D, Kumar S, Dhar, Ravindra, Pandey M B (2017) The optical properties of quantum dots in anisotropic media, J MolLiq 241, 1009-1012.
- Tripathi P, Mishra M, Kumar S, DharRavindra(2017)Thermodynamic study of a plastic columnar discotic material 2, 3, 6, 7, 10, 11-hexabutyloxytriphenylene dispersed with gold nanoparticles under elevated pressure, Journal of Thermal Analysis and Calorimetry, 129(1), 315-322.
- Verma R, Mishra M, DharRavindraand DabrowskiR (2017) Enhancement of electrical conductivity, director relaxation frequency and slope of electro-optical characteristics in the composites of single walled carbon nanotubes and a strongly polar nematic liquid crystal, Liq. Cryst., 44, 544-556.
- Yadav N, Panov V P, Swaminathan V, Sreenilayam S P, Vij J K, Perova T S, DharRavindra(2017) Chiral smectic-A and smectic-C phases with de Vries characteristics, Phys Rev E 95 (6), 062704.

NANO TECHNOLOGY APPLICATION CENTRE

- Ratnesh K Pandey, Shikha Awasthi, Tanuj Kumar, Avinash C Pandey (2018), Size and strain analysis of CaF2 thin films, AIP Conference Proceedings 2006 (1), 030042
- Shashi Kiran Misra, Pramod W Ramteke, Sandip Patil, Avinash C Pandey, Himanshu Pandey (2018), Tolnaftate–graphene composite-loaded nanoengineered electrospun scaffolds as efficient therapeutic dressing material for regimen of dermatomycosis, Applied Nanoscience, 1-12
- A Kumar, S Dwivedi, DR Rajak, AC Pandey (2018), Impact of air-sea forcings on the southern ocean sea ice variability around the Indian Antarctic stations, Polar Science
- A Kumar, S Dwivedi, AC Pandey (2018), Quantifying predictability of sea ice around the Indian Antarctic stations using coupled ocean sea ice model with shelf ice, Polar Science
- PK Dubey, R Kumar, RS Tiwari, ON Srivastava, AC Pandey, P Singh (2018), Surface modification of aligned TiO2 nanotubes by Cu2O nanoparticles and their enhanced photo electrochemical properties and hydrogen generation application, International Journal of Hydrogen Energy 43 (14), 6867-6878
- Charu Dwivedi, Ishan Pandey, Himanshu Pandey, Sandip Patil, Shanti Bhushan Mishra, Avinash C Pandey, Paolo Zamboni, Pramod W Ramteke, Ajay Vikram Singh (2018), In vivo diabetic wound healing with nanofibrous scaffolds modified with gentamicin and recombinant human epidermal growth factor, Journal of Biomedical Materials Research Part A 106 (3), 641-651
- V Mishra, V Baranwal, RK Mishra, S Sharma, B Paul, AC Pandey (2017), Immunotoxicological impact and biodistribution assessment of bismuth selenide (Bi₂Se₃) nanoparticles following intratracheal instillation in mice, Scientific reports 7 (1), 18032
- SK Misra, H Pandey, S Patil, PW Ramteke, AC Pandey (2017), Tolnaftate-Loaded PolyacrylateElectrospun Nanofibers for an Impressive Regimen on Dermatophytosis, Fibers 5 (4), 41

- G Mallick, J Labh, L Giri, AC Pandey, SP Karna (2017), Facile synthesis and electron transport properties of NiO nanostructures investigated by scanning tunneling microscopy, AIP Advances 7 (8), 085007
- G Mallick, J Labh, L Giri, AC Pandey, SP Karna (2017), Scanning tunneling spectroscopy of hydrothermally synthesized NiO nanoparticles, IEEE 17th International Conference on, 518-521
- RP Yadav, V Baranwal, S Kumar, AC Pandey, AK Mittal (2017), Morphological characterization of Ge ion implanted SiO2 matrix using multifractal technique, arXiv preprint arXiv:1705.10456
- RK Pandey, RP Yadav, M Kumar, AK Mittal, AC Pandey, SN Pandey (2017), Fractal analysis of BaF2 thin films deposited on different substrates, arXiv preprint arXiv:1705.06889
- MK Yadav, SK Gupta, S Rai, AC Pandey, Al embedded MgO barrier MTJ: A first principle study for application in fast and compact STT-MRAMs, Superlattices and Microstructures 103, 314-324
- Manvendra Kumar, Ratnesh K Pandey, Parasmani Rajput, SA Khan, Fouran Singh, DK Avasthi, Avinash C Pandey (2017), Swift heavy ions induced nano-grain fragmentation in fluoride thin films, Journal of Alloys and Compounds 695, 83-90
- PK Dubey, R Kumar, AC Pandey, RS Tiwari, ON Srivastava (2017), Synthesis of self-aligned and vertically oriented carbon incorporated titania nanotube for improved photoelectrochemical hydrogen generation, International journal of hydrogen energy 42 (8), 4782-4792
- Charu Dwivedi, Ishan Pandey, Himanshu Pandey, Pramod W Ramteke, Avinash C Pandey, Shanti Bhushan Mishra, Sandip Patil (2017), Electrospun nanofibrous scaffold as a potential carrier of antimicrobial therapeutics for diabetic wound healing and tissue regeneration, Nano-and Microscale Drug Delivery Systems, 147-164
- Manvendra Kumar, Ratnesh K Pandey, Parasmani Rajput, Saif A Khan, Udai B Singh, Devesh K Avasthi, Avinash C Pandey (2017), SHI induced surface re-organization of non-amorphisable nanodimensional fluoride thin films, Physical Chemistry Chemical Physics 19 (34), 23229-23238

CENTRE OF SCIENCE AND SOCIETY (Rural Technology and Development)

- Kumar R, Shukla SK, Pandey A, Qidwai A, and Dikshit A. (2017). A Synoptic Review on Gold Nanoparticles: Green Synthesis and Antibacterial Application. International Journal of Theoretical & Applied Sciences. 9(2): 119-124. ISSN: 2249-3247. (UGC No. 63302). (I.F. 3)
- Kumar R, Shukla SK, Qidwai A, Pandey A and Dikshit A (2017). Pharmacological studies of *Ocimum basilicum* L. Indo American journal of Pharmaceutical Sciences. IAJPS 2017, 4 (10), 1-6. (I. F. 3.6) (UGC No. 48603). ISSN: 2349-7750.
- Shukla SK, Kumar A. and Dikshit A. (2017). Impact of *Pseudomonas putida* on the growth parameters of Fenugreek (*Trigonella foenum graecum* L.): a traditional herbal boon for rural population. Science and technology, (in press). ISSN:2321-3388 (UGC No. 42342). (I. F. --)
- Shukla SK, Kumar R and Dikshit A (2017). Bio-Sweetener (*Stevia Rebaudiana Bertoni*): Boon for Rural India. Organic and Medicinal Chemistry International journal. Volume 3 Issue 3; ISSN 2474-7610. (I. F. ---)
- Shukla, SK, Kumar, R, Pathak, A, Pandey, M, Qidwai, A, Pandey, M, and Dikshit, A (2017). Impact of eco-friendly soil microbe on *macrotyloma uniflorum* (lam.) Verdc: a medicinal pulse. International Journal of Life science and Pharma Reviews (IJLPR), VOL 7/ ISSUE 2. ISSN 2250-0480. I.F. 0.672. (UGC No. 63846)

CENTRE OF BEHAVIORAL AND COGNITIVE SCIENCES

- Battu, B., Pammi, V. S. C., & Srinivasan, N. (2018). Evolution of cooperation with heterogeneous conditional cooperators. *Scientific Reports*, 8:4524
- Becker, J.C., Butz, D.A., Sibley, C.G., Barlow, F.K., Bitacola, L., Christ, O., Khan, S., Leong, C.H., Pehrson, S., Srinivasan, N., Sulz, A., Tausch, N., Urbanska, K., & Wright, S. (2017). What do national flags stand for? An exploration of associations across 11 countries. Journal of Cross-Cultural Psychology, 48, 335-352.
- Bouwmeester, S., Verkoeijen, P. P. J. L., Aczel, B., ..., Srinivasan, N., ..., &Wollbrant, C. E. (2017). Registered Replication Report: Rand, Greene & Nowak (2012). Perspectives on Psychological Science, 12(3), 527-542.
- Kar, B. R. &Kenderla, P. K. (2017). Working Memory and Executive Attention: Insights from Developmental Studies and Implications for Learning and Education. *Journal of the Indian Institute of Science*, 97, 497-510.
- Kar, B. R., Srinivasan, N., Nehabala, Y., & Nigam, R. (2018). Proactive and reactive control depends on emotional valence: A Stroop study with emotional expressions and words. *Cognition & Emotion*, 32, 325-340

- Kumar, D., & Srinivasan, N. (2017). How multi-scale control structures sense of agency: Investigating intentional binding using event-control approach. Consciousness and Cognition, 49, 1-14.
- Makwana, N., & Srinivasan, N. (2017). Intended outcome expands in time. Scientific Reports, 7:6305.
- Maqbool, Z., Makhijani, N., Pammi, V.S.C., &Dutt, V. (2017). Effects of motivation: rewarding hackers for undetected attacks cause analysts to perform poorly. Human Factors, 59(3), 420-431.
- Mishra, M. V., & Srinivasan, N. (2017). Exogenous attention intensifies perceived emotion expressions. *Neuroscience of Consciousness*, 3(1):nix022.
- Mishra, M. V., Ray, S. B., & Srinivasan, N. (2017). Effect of emotions on temporal attention. *Progress in Brain Research*, 236, 287-309.
- Mishra, R.K., Singh, N. & Singh, J.P. (in press). Activation of non-cognates translation equivalents in Hindi-English bilinguals: Evidence from priming and eye tracking. In Gupta & Mishra (Eds.).Licom Europa. Munich.
- Mukherjee, S., Sahay, A., Pammi, V. S. C., & Srinivasan, N. (2017). Is loss-aversion magnitude-dependent?
 Measuring prospective affective judgments regarding gains and losses. Judgment and Decision Making, 12(1), 81-89.
- Naik, S., Banerjee, A., Bapi, R. S., Deco, G., & Roy, D. (2017). Metastability in Senescence. Trends in Cognitive Sciences, 21(7), 509-521.
- Pammi, V. S. C., Ruiz, S., Lee, S., Noussair, C., &Sitaram, R. (2017). The effect of wealth shocks on loss aversion: behavior and neural correlates. Frontiers in Neuroscience (Section: Decision Neuroscience).
- Pammi, V. S. C., Ruiz, S., Lee, S., Noussair, C., Sitaram, R. (2017). The effect of wealth shocks on loss aversion: behavior and neural correlates. Frontiers in Neuroscience (Section: Decision Neuroscience), 11:237.
- Raffone, A., & Srinivasan, N. (2017). Mindfulness and cognitive functions: Toward a unifying neurocognitive framework. Mindfulness, 8, 1-9.
- Roy, D., &Pammi, V. S. C. (2016). Promises and pitfalls of relating alteration of white matter pathways causing improvement in Cognitive performance. Cognitive Neuroscience, 8(2), 120-122.
- Srinivasan, N. (2017). Statistical summary perception in vision. Journal of the Indian Institute of Science, 97, 435-442.
- Srinivasan, N. (in press). Cognitive science: Conceptual advances and status of research in India. In G. Misra (Ed.) *Sixth ICSSR Survey of Psychology*.
- Srinivasan, N. (in press). Learner as a developing individual. *NCERT Textbook for B.Ed. Students*. New Delhi: NCERT.
- Srinivasan, N., & Singh, A. (2017). Concentrative meditation influences visual awareness: A study with color afterimages. Mindfulness, 8, 17-26.
- Srivastava, N., & Srinivasan, N. (2017). Intertemporal impulsivity can also arise from persistent failure of long-term plans. Behavioral and Brain Sciences, 40.

CENTRE OF FOOD TECHNOLOGY

- Agarwal, S. and Mishra, N. (2017). Nigella sativa: A miraculous healer. International Research Journal of Natural and Applied Sciences, 4(9), 44-64.
- Domon, E. (1996) Polymorphisms within waxy gene in indigenous barley cultivars revealed by the polymerase chain reaction. *Proc* 7th *Barley Genetics Symposium*. pp. 60-61. University of Saskatchewan, Saskatoon.
- Gupta, E., Purwar, S., Maurya, N.K., Shakyawar, S. and Alok, S. (2018). Formulation of value added low-calorie, high fibre biscuits using flax seeds and *stevia rebaudiana*. International Journal of Pharmaceutical Sciences and Research, 14 (12), 1-12.
- Gupta, E., Kaushik, S., Purwar, S., Sharma, R., Balapure, A. K. Sundaram, S. (2017). Anticancer Potential of Steviol in MCF-7 Human Breast Cancer Cells. Pharmacognosy Magazine, 13, 345-350.
- Gupta, E., Mohammed, A., Purwar, S., Rizvi, S.I. and Sundaram, S. (2017). Diminution of Oxidative Stress in Alloxan-Induced diabetic rats by *Stevia rebaudiana*. Research Journal of Pharmacognosy and Phytochemistry, 9(3) 158-166.
- Gupta, E., Vajpayee, G., Purwar, S., Shakyawar, S., Alok, S. and . Sundaram, S. (2017). Phytochemical screening and *in-vitro* studies of antioxidant and antimicrobial activity of extracts of dried *Stevia rebaudiana* leaves. International Journal of Pharmaceutical Sciences and Research, 8(8), 3354-3360.

- Kadam, M.D., Sharma, M. and Kaur, D. (2017) Vegetable Processing and Bioactive Compounds. Studium Press (India) Pvt. Ltd.
- Kadam, M.D., Sharma, M. and Kaur, D. (2017). Lycopene: Ripening Behaviour, Extraction and Stability. In: Vegetable Processing and Bioactive Compounds (edited by M.D. Kadam, M. Sharma, and D. Kaur). pp 115-154. Studium Press (India) Pvt. Ltd.
- Kaur, D., Verma, M., Sharma U. and Mishra, N. (2017). Okra: Preservation and Processing. In: Vegetable Processing and Bioactive Compounds (edited by M.D. Kadam, M. Sharma, and D. Kaur). pp 609-621. Studium Press (India) Pvt. Ltd.
- Kushwaha, R. and Kaur, D. (2018). Recent Techniques used in modification of starches. In: Food Technology from health to wealth & future challenges (edited by P. Mishra, R.R. Mishra, R.S. Mishra, A.K. Yadav). pp 1-15. New Delhi: Bharti Publications.
- Kushwaha, R., Singh, V., Prakash, M. and Kaur, D. (2017). Optimization study of sweeteners for preparation of syrup for sugar free Traditional sweet: Gulab jamun. International Journal of Current Research and Review, 9 (21), 245-253.
- Mishra, P., Singh, A., Mishra, R.R., Ong, S.Y. and Prasad, S.M. (2018). Application of nanotechnology to enhance the nutrient quality of food crops and agricultural production. In: Nanomaterials in plants, algae and microorganism. (edited by D.K. Tripathi, P. Ahmad, S Sharma, D.K. Chauhan & N.K. Dubey), pp 453-470. Elsevier.
- Puranik, V., Kaur, D., Saini, P. and Yadav, N. (2017). Nutritive Value and Processing of green leafy vegetables.
 In: Vegetable Processing and Bioactive Compounds (edited by M.D. Kadam, M. Sharma, and D. Kaur). pp 155-174. Studium Press (India) Pvt. Ltd.
- Saini, P., Yadav, N., Kaur, D., Gupta, V. K., Bandana, Mishra, P., Anjali, and Kumar, R. (2017). Physicochemical, functional and biscuit making properties of wheat flour and potato flour blends. Current Nutrition and Food Science, 13(3), 192-197.
- Sharma, S., Singh, A., Sharma, U., Kumar, R. and Yadav, N. (2017). Effect of thermal processing on anti nutritional factors and in vitro bioavailability of minerals in *desi* and *kabuli* cultivars of chick pea grown in North India. Legume Research, 267-274.
- Singh, P. and Saini, P. (2018). Food and Health Potentials of Exopolysaccharides Derived from *Lactobacilli*. Microbiology Research Journal International, 23(5), 1-9.
- Singh, P. and Saini, P. (2018). Microbial Enzymes and their applications in food industry In:Food Technology From Health to Wealth & Future challenges(edited by P. Mishra, R.R. Mishra, R.S. Mishra, A.K. Yadav). pp 41-48. New Delhi: Bharti Publications.
- Singh, V., Kumar, S., Singh, J. and Rai, A.K. (2018). Fuzzy Logic Sensory Evaluation of cupcakes developed from the mahua flower (*Madhuca longifolia*). International Journal of Emerging Technologies and Innovative Research). 5(1), 411-421.
- Singh, Z. and Yadav, N. (2018). Women's Nutrition Situation in India: Past, Current Status and Challenges Ahead. In: Food Technology From Health to Wealth & Future challenges(edited by P. Mishra, R.R. Mishra, R.S. Mishra, A.K. Yadav). pp 90-105. New Delhi: Bharti Publications.
- Singh, Z., Chaturvedi, R. and Gupta, E. (2017) *Dietary diversity within food groups and nutrient adequacy in girls. pp. 1-69. Germany, Europe:* Lambert Academic Publishing.
- Singh, J., Kumar, R., Awasthi, S., Singh, V. and Rai, A.K. (2017). Laser Induced breakdown spectroscopy: A rapid tool for the identification and quantification of minerals in cucurbit seeds. Food Chemistry, 221, 1778–1783.
- Srivastava, R. and Mishra, N. (2018). *AegleMarmelos:* A Plant with Miraculous Therapeutic Potential. In: Food Technology From Health to Wealth & Future challenges(edited by P. Mishra, R.R. Mishra, R.S. Mishra, A.K. Yadav). pp-133-141. New Delhi: Bharti Publications.
- Srivastava, U. and Saini, P. (2018). Biosynthesis of vitamins by Lactic acid bacteria-current and Future prospects. In: Food Technology From Health to Wealth & Future challenges (edited by P. Mishra, R.R. Mishra, A.K. Yadav). pp 121-129. New Delhi: Bharti Publications.
- Vandana, V. and Yadav, N. (2018). Characterization of pathogen by PCR. In: Food Technology From Health to Wealth & Future challenges(edited by P. Mishra, R.R. Mishra, R.S. Mishra, A.K. Yadav). pp 106-120. New Delhi: Bharti Publications.
- Yadav, M., Yadav, Y.K., Kumar, P., Singh, R.K., Yadav, R., Kumar, P., Shaily, J., Rao, M., Yadav, N., Upadhyay, H.D. and Kumar, R. (Molecular diversity analysis as an improvement tool for pigeon pea (*Cajanus cajan*). Research Journal of Biotechnology, 12 (9), 75-86.

CENTRE OF COMPUTER EDUCATION

 Tripathi, S.P., Yadav, R.K., Rai, A.K., and Tewari, R.R., (2017). "Hybrid Approach for Predicting and Recommending Links in Social Networks", in International Conference on Computational Intelligence: Theories, Applications and Future Directions (ICCI-2017), IIT Kanpur, Springer (Accepted for publication in Springer AISC series).

CENTRE OF MEDIA STUDIES

- चोपड़ा धनंजय (अप्रैल—जून, 2017), वैज्ञानिकों से साक्षात्कार ; साहित्य भारती (प्रकाशक : उत्तर प्रदेश हिन्दी संस्थान, लखनऊ); वर्ष 11 अंक 43 ; 28–30 (ISSN : 2249–0590)
- चोपड़ा धनंजय ; जन संचार की पर्याय हैं लोक कलाएं ; आंचलिक पत्रकार (प्रकाशक : माधवराव सप्रे समाचार पत्र संग्रहालय, भोपाल) ; 423 ; 23–26 (ISSN : 2319–3107).
- चोपड़ा धनजय, (जुलाई 2017), हिन्दी पत्रकारिता और अज्ञेय ; प्रयाग पथ, इलाहाबाद ; 5 ; 155—158 (ISSN : 2395—4000).
- चोपड़ा धनंजय (2017), भारतीय पत्रकारिता की स्मृति में है राष्ट्रवाद ; राष्ट्रवाद भारतीयता और पत्रकारिता ; (सम्पादक : संजय द्विवेदी) ; प्रकाशक : यश पब्लिकेशन, दिल्ली ; ISBN : 978—93—84633—52—3.

CENTRE OF FASHION DESIGN & TECHNOLOGY

- Jaiswal A. Research paper Innovation in old coins as jewellery fashioned with enamelling & semi precious stores, International journal of applied home science.
- Jaiswal A. Research Paper Smart solution to the challenges of special need wear, Indian journal of traditional knowledge.
- Jaiswal A. Review Paper Folk songs & Drama: an important tool of communication, International journal of applied home science.
- Purwar S. A new trends in Apparel Designing through resist Printing and traditional embroidery as a value addition of khadi silk, *Essence* International Journal of Environmental Rehabilitation and conservation, ISSN: 0975 6272, Vol-8, page no. 17 20, august 2017
- Purwar S. Entrepreneurial Transformation in Chikankari Embroidery Handicraft, International Journal of Applied Home Science, ISSN: 2394 1413, Vol-5, Issue–1, page no. 180 184
- Purwar S. Issues and Challenges of Women Workforce in Chikankari Handicraft Sector, UPUEA Economic Journal, Vol.- 13, October, ISSN: -0975-2382, Page no. 235-239
- Purwar S. Scenario of Women Education, Employment and Entrepreneurship, Women and Sustainable Development (Book Chapter), ISBN: 978-81-7611-771-5, RBSA Publishers, Jaipur, page no. 59-69
- Singh S., "Study of Hand Painted Kalamkari to Design New Motifs", International Journal of Computer Application (2250-1797) Issue 8 Volume 2, March-April 2018.

NATIONAL CENTRE OF EXPERIMENTAL MINERALOGY AND PETROLOGY

- Asthana, N. Dwivedi, M.M. and Pandey, K., (2018) Ionic study of Graphite oxide dispersed polymer Electrolyte and their Device Application, *Proc National Conference on Soft Materials*, pp. 31 DDU Gorakhpur University, Gorakhpur
- Asthana, N. Dwivedi, M.M. and Pandey K., (2017) Development of PVB-Nano Cellulose based Polymer Electrolyte and correlation of Optical Behavior with Ionic Conductivity, Advances in Chemical Sciences, 6, 1-12.
- Asthana,N. Dwivedi, M.M. and Pandey K., (2017), Structural and Ionic Mobility Study of Plasticized PVDF-HFP: LiCF₃SO₃ Nanocomposite System, International Journal of Emerging Engineering Research and Technology, 5(9), 1-7.
- Chakarvorty, M., Pati, J.K., Prakash, K. and Niyogi, A. (2017) Effect of seasonal variation on dust samples of a winter fog affected urban environment of India, South East Asia. International Journal of Environmental Analytical Chemistry (Taylor & Francis), 97(13), 1266-1282, DOI:10.1080/03067319.2017.1408805.
- K. Pandey, Dwivedi, M.M., Sanjay, S. S. and Asthana, N., (2017) Development and Characterization of MICA based porous polymeric membrane for water filtration, IONICS (Springer), 23(1)113-120, DOI:10.1007/s11581-016-1808-9.

- Niyogi, A., Pati, J.K. and Rai, A.K. (2018) Chemical variations amongst fly ash samples using different coal feeds

 A Laser Induced Breakdown Spectroscopy (LIBS) study.
 2Nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy (February 19-21, 2018), Department of Physics, University of Allahabad, Allahabad, India, pp. 62.
- Niyogi, A., Pati, J.K., Panigrahi, M.K., Panda, D., Chakarvorty, M. and Parthasarathy, G. (2018) Raman, infrared and chemical characterization of fly ash-generated spherules to better constrain their material applications. Journal of Applied Spectroscopy (Springer), 85, No. 5.
- Niyogi, A., Pati, J.K., Patil, S.K., Panda, D. and Chakarvorty, M. (2018) Magnetic measurements and geochemical characterization of the road-deposited sediments (RDS), Allahabad city, India: impact of climatic perturbations on sediment composition and provenance tracing. Journal of Soils and Sediments (Springer), 18(7), 2581-2595. DOI:10.1007/s11368-018-1936-0).
- Pandey, K. (2018), Development and Application of polymer nanocomposite membranes for water filtration, *Proc National Conference on Soft Materials*, pp. 21 DDU Gorakhpur University, Gorakhpur
- Pandey, K., Dwivedi, M.M. and Asthana N., (2017) Study of Optical and Ionic Conduction in Green Polymer Electrolyte Developed Through Hot Press Method; Proc 6th International conference on Functional materials and Devices 2017, pp. 41, Malacca, Malaysia
- Pandey, K., Dwivedi, M.M. and Asthana N., (2017), Ionic and Spectroscopic study of the Biocompatible plasticized polymeric membrane for EC device Application, *Proc National Laser Symposium-26*, pp. 112 BARC Mumbai.
- Pati, J.K. (2017) Confirmation of meteoritic impact structures: unequivocal evidences from the Dhala structure, India. National Seminar on "Recent Advances in Geochemistry, Environmental and Sedimentary Geology", Department of Geology, Aligarh Muslim University, Aligarh – 202002, Abstract Volume, pp.9-10.
- Pati, J.K. (2018) Towards resolving some compex Earth and Planetary Science problems using Laser-induced Breakdown Spectroscopy. 2Nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy (February 19-21, 2018), Department of Physics, University of Allahabad, Allahabad, India, pp. 19.
- Pati, J.K., Qu, W.J., Koeberl, C., Reimold, W.U., Chakarvorty, M. and Schmitt, R.T. (2017) Geochemical evidence of an extraterrestrial component in impact melt breccia from the Paleoproterozoic Dhala impact structure, India, Meteoritics & Planetary Science (Wiley), 52, 722-736. DOI:10.1111/maps.12826.
- Pati, J.K., Reimold, W.U. and Hauser, N. (2018) Comment on "Anatomy of impactites and shocked zircon grains from Dhala reveals Paleoproterozoic meteorite impact in the Archean basement rocks of Central India" by Li et al., 2018. Gondwana Research (Elsevier), 60, 214-217. DOI:10.1016/j.gr.2018.03.019
- Rai, A.K. and Pati, J.K. (2018) LIBS Analysis of Lonar Impact Melt Basalt and related rocks: A possible analogue of the landing site of Chandrayaan-2 on Moon. 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy (February 19-21, 2018), Department of Physics, University of Allahabad, Allahabad, India, pp. 60.
- Rai, A.K. and Pati, J.K. (2018) LIBS study of gypsum An ideal terrestrial analogue. 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy (February 19-21, 2018), Department of Physics, University of Allahabad, Allahabad, India, pp. 35.
- Rai, A.K., Maurya, G.S., Kumar, R., Pathak, A.K., Pati, J.K. and Rai, A.K. (2017) Analysis and discrimination of sedimentary, metamorphic and igneous rocks using Laser Induced Breakdown Spectroscopy, Journal of Applied Spectroscopy (Springer), 83, No. 6 (November-December), 1010-1-1010-7. DOI:10.1007/s10812-017-0412-8.
- Rai, A.K., Pati, J.K., Gupta, S.,Singh, A.,Chakarvorty, M., Pandey, K., Dwivedi, M.M., Niyogi, A. and Pandey, A. (2018) Rapid detection of heavy metal distribution in top soil of Allahabad city using magnetic measurements coupled with Laser-Induced Breakdown Spectroscopy (LIBS) technique. 2Nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced Breakdown Spectroscopy (February 19-21, 2018), Department of Physics, University of Allahabad, Allahabad, India, pp. 61.
- Rout, D., Panigrahi, M.K. and Pati, J.K. (2017) Fluid Characteristics in the Giant Quartz Reef System of the Bundelkhand Craton, India: Constraints from Fluid Inclusion Study. American Geophysical Union Fall Meeting, New Orleans, Louisiana, USA, Abstract ID: 267297, Final Paper No. V43B-0540.
- S.Dubey, Rai, A.K., Pati, J.K., R.K. Anand and Rai, A.K. (2018) The multivariate analysis of LIBS spectra of igneous rocks. 2nd Meghnad Saha Memorial International Symposium-cum-Workshop on Laser Induced

- Breakdown Spectroscopy (February 19-21, 2018), Department of Physics, University of Allahabad, Allahabad, India, pp. 73.
- Sanjay, S. S., Dwivedi, M.M., Asthana, N. and Pandey K., (2017), Study of Protonic Conduction in Aloe Vera Pulp Based Green Electrolyte System, Elixir Applied Chemistry, 109, 48011-48014.
- Singh, M. Pandey, K. and Agrawal, S.L. (2017) Ionic Conductivity of Zn- Ferrite Doped Nanocomposite Polymer Electrolyte and Proton (H⁺) Conducting Solid State Rechargeable Battery Performance, IJEDR, 5, No. 2,1305-1320.
- Singh, M. Pandey, K. and Agrawal, S.L. (2017) Structural, Ionic Transport and Dielectric Studies of Polyvinyl Formal (PVF) based NCPEs Dispersed with Multiferroic (BFO) Filler, European Journal of Advances in Engineering and Technology, 4, No.10, 723-732.

GOVIND BALLABH PANT SOCIAL SCIENCE INSTITUTE

- 'Dispossession for Development: Some Recent Experiences in Uttar Pradesh, India', in Mishra S. & Shiva Prasad (Ed.), Displacement, Impoverishment and Exclusion Political Economy of Development in India, Aakar Books, 2018.
- 'Home-Based Women Beedi Rolling Workers in Uttar Pradesh: Livelihood Conditions and Options' (jointly with J. Patel), in 'Growth and development in India: regional dimensions (Ed. Majumder, R. et al), Segment Books, 2018.
- Bhatt, K.N. (2017). Outcome Management, Agrarian Change and Small Farmers in Globalized India, IOCOM
 Digest and Dialogue: the International Journal for Outcome Management Research and Practice, Published by
 International Collaborative Outcome Management, Vol.3, No.3, pp 23-27, Ontario, Canada, ISSN 2522-1248.
- Bhatt, K.N. and Bhargava, Pradeep (2017). System of Rice Intensification: Introduction, ISBN 978-93-85046-06-3, pp. 1-18, New Delhi, Studium Press India. Pvt. Ltd.
- Bhatt, K.N., Climate change and water resources management in Arab countries, Pre-Publication Review for Journal of Agricultural Science and Technology, Davis Publishing Company, NY 10989, USA, Sept. 20, 2017.
- Bhatt, K.N., Comments on the High Pressure Preservation of Human Milk, Pre-Publication Paper Review for Food Science and Nutrition Studies, Los Angeles, CA, USA, ISSN 2573-1661 (Print) ISSN 2573-167X (Online), August 18, 2017.
- Bhatt, K.N., Developing our World: Equipping Suitability Change Makers, Pre-Publication Book Review for Sage Publications, New Delhi, April 18, 2017.
- Bhatt, K.N., Economic Aspects of Basmati Rice in Pakistan, MS No. 18-082. Pre-Publication Paper Review for Rice Research-Open Access, Biological Sciences, OMICS International, February 23, 2018.
- Bhatt, K.N., Effects of Propolis and Black Seed Oil on the Shelf Life of Freshly Squeezed Pomgranate Juice Pre-Publication Paper Review for Food Science and Nutrition Studies, Los Angeles, CA, USA, ISSN 2573-1661 (Print) ISSN 2573-167X (Online), October 30, 2017.,
- Bhatt, K.N., Food Quality and Nutrition Profile of Students of a Public School, Pre-Publication Paper Review for Food Science and Nutrition Studies, Los Angeles, CA, USA, ISSN 2573-1661 (Print) ISSN 2573-167X (Online), September 25, 2017.
- Bhatt, K.N., Hegel's Concept of Intellectual Development in Human History, MS No. ARJASS/39629, Pre-Publication Paper Review for Final Editorial Decision for Asian Research Journal of Arts and Social Sciences, Science Domain International, Hoogly India, New Castle Delaware USA, and London UK, February 16, 2018.
- Bhatt, K.N., How Public Debt Does Affects Economic Growth? Further Evidence from CEMAC Zone, Pre-Publication Paper Review for Final Editorial Decision for Asian Research Journal of Arts and Social Sciences, Science Domain International, Hoogly India, New Castle Delaware USA, and London UK, January 12, 2018.
- Bhatt, K.N., Influence of Training on Vegetative Growth Characteristics and Yield of Polyhouse Grown Cucumber (Cucumis satisvus L), Pre-Publication Paper Review for Journal of Experimental Agriculture International, Science Domain International, India, USA, UK, Spetember 4, 2017.
- Bhatt, K.N., Issues in the Development of Competitiveness and Prospects of Specialization in Rice Farms, MS No. 17-462, Pre-Publication Review for Rice Research Open Access International Journal, ISSN 2375-4338, Biological Sciences, USA, October 2, 2017.
- Bhatt, K.N., Siberia: From a Penal Colony to a Modern Region, MS No. 2018/ARJASS/39699 Pre-Publication

- Paper Review for Asian Journal of Arts and Social Sciences, Science Domain International, Hoogly India, New Castle Delaware USA, and London UK, March 21, 2018.
- Bhatt, K.N., Status of Education and Causes of Illiteracy among Labour Market Workers: A Study of Aligarh City, U.P., India, Pre-Publication Paper Review for British Journal of Education, Society and Behavioural Science, Science Domain International, June 14, 2017.
- Bhatt, K.N., The Main Directions of Cost Reduction and Increasing Effectiveness in Producing Cotton Production, Ms No. Biological Sci.-17-484, Pre-Publication Review for Agrotechnology, Biological Sciences, Omics International, Los Angeles, CA, USA, October 16, 2017.
- Bhatt, K.N., Traditional Body Marks for Beautification among Selected Dagme Groups in Ghana, MS No. ARJASS 39317, Pre-Publication Paper Review for Final Editorial Decision for Asian Research Journal of Arts and Social Sciences, Science Domain International, Hoogly India, New Castle Delaware USA, and London UK, January 24, 2018.
- Bhatt, K.N., Trends and Zoning of Moisture Index for Crops over NW India Using GIS, Pre-Publication Paper Review for Journal of Agricultural Sciences and Technology, David Publishing Company, New York, USA, February 8, 2018.
- Bhatt, K.N., Yield and Yield Related Performance if Upland Rice Genotypes in Tzelemti District North Eastern Tigray Ethiopia 2015, Pre-Publication Paper Review for Rice Research Open Access, MS 17-543, Biological Sciences, OMICS International, Nov. 28, 2017.
- Chandraiah, Gopani (2017). Alpasankayaka Dalita Kulala Jeevitham-Poratam, *Human Rights Bulliton-*15, Published by Human Rights Forum, Hyderabad. Pp. 25-36.
- Chandraiah, Gopani (2017). Dalita Alpasankyaka Kulalu-Samajika Nyayam, *Nadustuna Telangana*, Volume-7, Issue:11, November, pp-24-26. ISSN 2349-2376.
- Chandraiah, Gopani (2017). Telanganalo Madiga Anubanda Kulalau-Jeevana Chitram". *Nadustuna Telangana*, Issue 10, volume:8, October, pp-31-35. ISSN 2349-2376.
- Chandraiah, Gopani (2017, July-December) (Fractured Tales by Badri Narayan). *Indian Anthropologist*, 47 (2). Pp.98-100.
- Chandraiah, Gopani (2018). Dalita Madyatharagati Vargam-Dalita Udyamam. Nadustuna Telangana, Volume: 8, Issue: 4, April, PP:39-43. ISSN 2349-2376.
- Chandraiah, Gopani (2018). Manda Krishna Madiga arrest Deniki Sanketam?, *Nadustuna Telangana*, Volume:8, Issue:1, January, pp-20-24. ISSN 2349-2376.
- Chandraiah, Gopani, (2018). New Dalit Movements; An Ambedkarite Perspective, in Anand Teltumde and Suraj Yengde, (ed. 2018). *Ambedkar@125*. New Delhi, Penguin Random House India. (Under Publication)
- Chandraiah, Gopani. (2018), Atrocity, in Rukmini Nair and Peter de Souza (ed, 2018). *Indian Keyword; laxicon*. UK. Bloomsbury. (Under Publications)
- Chandraiah, Gopani. (2018). B.R Ambedkar on Justice for most marginalised Dalits. In Aakash Singh Rathore, (ed, 2018). *Ambedkar; the quest for Justice*. 5 Volumes box Set, New Delhi. Oxford University Press. (Under publication)
- Chandraiah, Gopani. (2018). Muppai Rendela Udyamam; Dasha-Disha, Nishapdam, Volume;3, Issue;2. April. PP.26-31.
- K.N. Bhatt and Pradeep Bhargava (Eds) (2017): with a Foreword by Norman Uphoff: System of Rice Intensification, Studium Press India. Pvt. Ltd., New Delhi, ISBN 978-93-85046-06-3, pp. xxvi + 269.
- Kalpagam, U. Marriage Norms, Choice and Aspirations of Rural Women (A study based on fieldwork in Lahurpur Village in Allahabad district) that had appeared in EPW has been published in Handbook of Rural India edited by S.S. Jodkha- an EPW Book, Orient Blackswan.
- Keshri, K. (Forthcoming). "Understanding Temporary Labour Migration from Uttar Pradesh, India: An NSS Based Study", In S. Irudaya Rajan and Sumeetha (Ed.) Handbook on Internal Migration in India. SAGE: New Delhi.
- Kumar, Satendra. (2017). After Silent Revolution: Most Marginalized Dalits and Local Democracy in Uttar Pradesh, North India. *Studies in Indian Politics*, 5 (1), pp. 18-31.
- Kumar, Satendra. (Forthcoming in 2018). *Badalta Gaon, Badalta Dehat: Nayi Samajikata Ka Uday*, New Delhi, Oxford University Press.

- Majumder, Bhaskar (2017). "Street Labourers in Million Plus Populated Cities in Uttar Pradesh: Nature, Causes
 and Implications" (jointly with V. Narayan), Journal of Indian School of Political Economy, Vol. XXIX, No.s 3
 & 4.
- Majumder, Bhaskar (2017). 'Home-based Women Beedi Rolling Workers in Uttar Pradesh: Did Economic Empowerment Lead to Social Empowerment?' (jointly with J. Patel), in Labour & Development, Vol. 24. No.2.
- Majumder, Bhaskar (2017). 'Livelihood Security of Home-Based Beedi Rolling Workers in Uttar Pradesh' (jointly with J. Patel), Economic & Political Weekly, Vol. 52, No. 14.
- Majumder, Bhaskar (2017). 'Migration of Rural Labourers to Brick Kilns in Uttar Pradesh under Conditions of Rent Seeking', Contemporary Development Research, Vol. 1, No. 1
- Majumder, Bhaskar (2017). 'Poverty in India: Unfolding Some Facts from Uttar Pradesh', Journal of Regional Development and Planning, Vol. 6, No. 1.
- Majumder, Bhaskar (2017). 'Home-based Women Beedi Rolling Workers in Uttar Pradesh: Livelihood Conditions and Options' (jointly with J. Patel), Man & Development.
- Majumder, Bhaskar (Forthcoming in 2017). 'Child Rag Pickers in the City of Allahabad, Uttar Pradesh: Some Facts' (jointly with G. Rajvanshi), Man & Development.
- Majumder, Bhaskar and Rajvanshi, G. (Forthcoming in 2017). 'Migrating to Rag Picking: Unfolding Some Facts about Child Rag Pickers in the City of Allahabad, Uttar Pradesh', Manpower Journal.
- Pant, S.K. (2016). Social transformation Among the Deprived sections: Role of Sarva Siksha Abhiyaan Academicia: An International Multidisciplinary Research Journal, Vol. 6, Issue 10, October, ISSN: 2249-7137, Impact factor: SJIF 2013=5.099.
- Pant, S.K. (2017). Cost Benefit Analysis of the Perception of Households towards Education of their Children (A Study of Government & Private Schools in Pratapgarh District in UP)" Samiksha, Vol. VII, No.1&2, Allahabad ISSN No. 0975-7708
- Pant, S.K. Research Methods for Practioners, New Delhi Atlantic Publishers & Distributors (P) Ltd., . ISBN 978-81-269-2656-5
- Singh, Archana (Forthcoming) Deconstructing Marginality: Resistance of Rural Dalit Women in Dalits, Subalternity and Social Change in India" (UK), Routledge (Under Publication).
- Singh, Sunit (2017). Psychosocial Pathways Towards a Sustainable Society: The Role of Greed, Altruism and Social Capital, Psychology and Developing Societies Vol.29 No. 2 pp 200-220, SAGE.

RAJIV GANDHI CHAIR IN CONTEMPORARY STUDIES

- Ethnicity, Nationalism and the State in South Asia (New Delhi: Victorious Publications, Sept. 2017). ISBN: 978-93-84224-12-7.
- *Domestic Considerations and Foreign Policy: India-US Nuclear Relations*, New Delhi: Victorious Publications. ISBN: 978-93-87294-04-2 (Under publication).
- Domestic Considerations and Foreign Policy, Annals of Multidisciplinary Research, Vol.VII, Issue 3, 2017, pp. 223-228. ISSN: 2249-8893
- Rammanohar Lohia and the Caste System in India, The Indian Journal of Politics, Vol. 51, No. 3-4,December 2017, pp. 135-146, Department of Political Science, Aligarh Muslim University, Aligarh. ISSN: 0303-9951
- India's Nuclear Strategy: Post Pokhran II, Annals of Multidisciplinary Research, Vol.VIII, Issue I, 2017, pp. 219-227. ISSN: 2249-8893
- March Towards the Historic India-US Nuclear Deal, Shodh Prerak, Vol. XIII, Issue I, January 2018, pp. 158-165, ISSN: 2231-413X
- Coalition Dynamics and the India-US Nuclear Deal, Vol.VIII, Issue I, pp. 122-130, January 2018, ISSN: 2231-4113
- Evolution of India's Nuclear Policy: 1947-1998, Vaichariki, Vol VIII, Issue I, March 2018, pp. 123-129, ISSN: 2249-8907
- 'Domestic Determinants Shaping India's Foreign Policy', Jigyasa, Vol. XI, No.1, March 2018, pp. 106-116. ISSN: 0974-7648

RESEARCH PUBLICATIONS OF CONSTITUENT COLLEGES

ARYA KANYA DEGREE COLLEGE

- Anand, Shruti. 2017. 'Hindi Shikshan mein ICT ke Anuprayog ke Prati Shikshakon ki Abhivritti ka Addhyan', Mangalam, Vol. XX, ISSN- 0976-8149
- Anand, Shruti. 2017. 'Inclusive Education', Inclusive Education Policies And Practices, pp. 1-6, New Delhi Publishers, New Delhi
- Anand, Shruti. 2017. Role and place of Teacher in Distance Education. IJELHH, Vol-IV, ISSN- 2321-7065
- Anand, Shruti. 2017. Role of Educational Institution, Social, Environment and Family Back Ground Affecting Student Presence in Class Room- A Critical Study. Conflux, Vol.-5, ISSN- 2320-9305,
- Jain, Nilanajana. 2017. शासन तंत्र सिद्धान्त एवं व्यवहार अम्बादत्त पंत, मदनगोपाल गुप्ता, हरिमोहन जैन, नीलांजना जैन, Central Publishing House, ISBN- 978-81-85444-58-1
- Khanna, Nisha. 2017. 'Geeta Ka Darshnik Chintan. Mangalam', Edited by Dinkar Tripathi, Vol. XV, ISSN-0976-8149
- Khanna, Nisha. 2017. 'Sanskrit Natako ka Udbhav: Pashchatya Dristikon'. Edited by Ram Keshwar Tiwari, Vedanjali, Vol. VIII, pp.- 69-72, ISSN- 2349-364X
- Khanna, Nisha. 2017. 'Utaram Charit Me Varnit Nayak Ka Swaroop'. International Journal of Advanced Research and Development, Vol. II, pp. 13-17, ISSN-2445-4030
- Khanna, Nisha. 2018. 'Sanskrit Vangmaya mein Nari Ke Adhikar', Vishwabharti (A Critical Study on Women in Global Perspectives), Edited by Dr. Anita Sen Gupta, pp. 13-17, published by Sanskrit Department, ISDC, Allhabad
- Pandey, Amit. 2017. 'Agricultural Price Policy in India: An Overview', Interdisciplinary Journal of Contemporary Research, Edited by Indranil Sanyal, Vol. 4, No. 3, pp. 57-62, ISSN- 2393-8358
- Pandey, Amit. 2017. 'Credit Policy for Agriculture in India: An Evaluation', Shodh Drishti, Edited by Abhijit Singh, Vol. 8, No. 7, pp. 113-118, ISSN: 0976-6650
- Pandey, Amit. 2017. 'India's Defence Economic Budget Planning- An Evaluation, Edited by Saras Dwivedi', Department of Defence and Strategic Studies, ADC, Allahabad
- Pandey, Amit. 2018. Vastu avam Seva Kar (GST). Kalyani Publishers, New Delhi. ISBN-9789327288544
- Patel, Sonmati . 2017. "Mimansa, Nayaya Vakarnaye Nanarth Vimarsh", Vishwabharti, National Journal for Sanskrit Studies, Vol- |||, pp. 165-175 ISSN- 2277-2065
- Rani, Jyoti. 2017. 'Vedon Mein Nari Ka Mahatva. Samajik Nirvachan, Vol-VII, pp. 69-72, ISSN-2348-2222
- Sachi, Savya. 2017. 'The Commodification of Culture and Ethics by Advertizing Media'. Journal of Humanities and Culture, An International Refereed Journal. Vol-4, No-3, pp. 14-19, ISSN-2393-8285
- Sachi, Savya. 2017. 'GST Benefits and Impacts on the Indian Economy and Common Social Life', Abhivyakti, Edited by Rakesh Kumar, Anish Kumar, pp. 140-142, ISSN-0975-8801
- Sachi, Savya. 2017. 'India's Smart City Mission: Building the Future of Smart With Us'. Tripathga, Edited by Anil Kumar, pp.359-362. ISSN-2395-4280
- Sachi, Savya. 2017. 'Need of Counseling in Todays's Youth For the Development of Innovation, Learning and Social Adjustment', Asian Journal of Advanced Studies. Vol-3, pp. 55-59, ISSN-23954965
- Sachi, Savya.2017. 'Swachh Bharat Abhiyan: A Great Step Towards the Dream of Mahatma Gandhi', Education Times, Edited By S. Sabu, Vol VI, pp. 344-352, ISSN-2319-8265
- Savya, Sachi. 2017. 'Creating Culturally Inclusive Learning and Teaching Environments: Classroom Strategies'. Shodh Mimansa, Edited by Rakesh Kumar Maurya, Vol XIV, pp. 223-224, ISSN-2348-4624
- Shrivastava, Priyanaka. 2017. Cross-Cultural Perspectives and Sisterhood in the Fiction of Chitra Banerjee Divakaruni, Sarup & Sons Publishers, New Delhi. ISBN- 978-93-5208-066-3
- Shrivastava, Priyanka. 2017 'Mylo- A Short Story', The Criterion, Edited by Vishwanath Bite, Vol. 8, Issue-V, pp. 529-531, ISSN- 0976-8165
- Singh, Radha Rani. 2017. 'Baudha Dhrama Shiksha ki Vartman Paripekshya mein Prasangikta'. Navya, Humanities and Social Science Journal. No. 63531, ISSN- 2249-5118
- Sirothia, Ibha. 2017. 'Sangeet Sammelan Allahabad Vishwavidayalaya Smritiyon ke Gavaksh Se', Shradhanjali, pp.- 69-72, ISBN- 978-93-8514-9-63-4
- Sirothia, Ibha. 2017. 'Sufi Sant Bhaiya Ji ka mere Jivan par Prabhav', "Sufism and Sufi Music": Cultural Continuity in Historical Perspective, Edited by Jyoti Mishra, pp. 241-243 ISBN- 978-93-86-369-63-5

- Sirothiya, Ibha. 2017. 'Pandit Ramashraya Jhaji ki Bandishon Mein: Shri Ram', Anhad Lok, Vol. 7, pp. 65-69, ISSN-2340-137X
- Smita, 2017. 'Bhartiya Media Aur Rajniti'. Shodh Mimansa. No-48293, pp. 89-90, ISSN-2348-4624
- Srivastava, Urmila. 2016. प्रयाग की पाण्डित्य परम्परा ईस्टर्न बुक लिंकर्स, दिल्ली | ISBN- 978-81-7854-292-8
- Srivastava, Urmila. 2017. श्रृंगार नायक नायिका, साहित्य भण्डार, इलाहाबाद। ISBN- 978-81-7779-606-3
- Tiwari, Abha 2017. ब्रिटिश साम्राज्यवाद एवं भारतीय राष्ट्रवाद, साहित्य संगम, इलाहाबाद। ISBN- 978-81-8097-281-2
- Tiwari, Mudita. 2017. 'Hindustani Hridaya mein Rista Gyan ka Tanav (Mukti Bodh par Ekagr)', Hindustani, Vol-,78 No3, pp. 79-72, ISSN-0378-391x
- Tiwari, Mudita. 2017. 'भूख और औरतें', फूड सेफ्टी विजन, Edited by- चंदन पाण्डेय, Vol No. 1 pp. 45-48 ISSN-UPBIL03808/24/1/2009-TC
- Tiwari, Mudita. 2017. 'परिवेश और आंगन में प्रतिरोध की आवाजों की कविताएं', कथा, Edited by- दुर्गा सस्या, Vol No. 21 pp. 236-239 ISBN- 2277-856X
- Tiwari, Mudita. 2017. 'Kabir ki Prasangikta', Research Discourse, Edited by Anish Kumar Verma, Vol24, pp.147-151, ISSN-2277-2014
- Tiwari, Mudita. 2017. 'Prasad ka Darshan aur Anubhuti', Hindustani Academy, Edited by Anupam Anand, pp. 327-333, ISSN- 978-93-85-185-09-0
- Tiwari, Mudita. 2017.' Bharatvarshonnati ki Chinta aur Vivekanand', Shodh Mimansa, Edited by Rakesh Kumar Maurya, Vol,4 No-15, pp. 66-69, ISSN- 2348-4624
- Tripathi, Ranjana. 2017. 'Purvi Uttar Pradesh ke Lok Geeton mein Samaj va Sangeet Shatriyata ka Prabhav', Varanasi Management Review, pp. 109-112, ISSN- 2395-0390
- Tripathi, Ranjana. 2017. 'Sangeet Shikshan mein Vividh Thaton ke Prachlit va Aprachlit Ragon ki Upyogitan va Auchitya', Research Highlights, pp. 232-234 ISSN-2350-0611
- Tripathi, Ranjana. 2017. Bhartiya Sangeet mein Shashtriya Sangeet ka Upyog. Abhinav Mimansa, pp. 136-140, ISSN-2277-2863
- Verma, Kalpana. 2017. 'Bhartiya Navjagran: Mahadevi Verma aur Stri Vimarsh'. Sammelan Patrika, Edited by Vibhuti Mishra, pp. 95-98, ISSN- 2278-1773
- Verma, Kalpana. 2017. 'Kabir Kavya me Prem aur Lok Mangal', Abhinav Mimansa, Edited by Vivek Pandey, pp. 106-110, ISSN- 2277-2863
- Verma, Kalpana. 2017. 'Muktibodh Ek Vistrit Kanvas Ke Kavi', Anamaika, Edited by Ashok Kumar Singh, pp. 167-171, ISSN. No. 2347-5838
- Verma, Kalpana. 2017. 'Prithviraj Raso ki Aitihasikta avam Pramanikta', International Multidisciplinary Quarterly Research Journal, Edited by Vinay Shankar Rao Hatole, Vol.6, Issue IV, pp. 1-3, ISSN- 2277-5730
- Verma, Kalpana. 2017. 'Prithviraj Raso me Pratishodh ka Swar', Navnikash, Edited by Laxmikant Pandey, pp. 45-46, ISSN-0975-827
- Verma, Kalpana. 2017. 'Satyagragh: Maulikta aur Ashaya', Shodh Sandarsh', Edited by V.K.Pandey. pp. 4-5, ISSN- 2319-5908
- Verma, Kalpana. 2017.'21वीं सदीं के काव्य की रचना प्रक्रिया', Unmesh, Edited by Radhey Shyam Maurya and Shivendra Maurya. Vol.III, No. II, Part-III,pp. 5-7, ISSN- 2394-2207
- Verma, Kalpana. 2018. हिन्दी साहित्य का इतिहासः बोधगम्य पाठ, साहित्य संगम, इलाहाबाद। ISBN- 978-8097-285-0
- Verma, Kalpana. 2018. शब्दों के नजर में, साहित्य संगम, इलाहाबाद। ISBN- 978-81-8097-270

C.M.P. DEGREE COLLEGE

- Agrawal, S and Agrawal, B. (2017) Soil Health and its Management. In: 'Emerging Trends in Agriculture, Environmental & Rural Developmental Challenges and Solutions. (edited by H. Pant, K. Singh, M.K.Singh and D. Swaroop), pp 68-72. SBSRD Allahabad, ISBN: 978-81-923494-9-7.
- Anand, A. (2017) .Paksh-Vipaksh.
- Anupam, A., Singh, S., Gangwar, R. P., Tripathi, A. and Deenanath. (2017) Prasad Ka Rachnatmak Evam Sanskritik Pradey, Hindustani Academy.
- Chaurasia, H. (2018). Insilico studies of 2- aryl benzimidazole derivatives a nucleoside averse transcriptase inhibitors (NNRTIS). Vigyan Parishad Anusandhan Patrika, ISSN No. 0505-5806.
- Chaurasia, H. (2018). Nano Food Fortification. In: Scientific India, pp. 17-18.

- Deenanath (2017), Samkalin Sangharsh Chetna ke Rachnakar the Nagarzun. In: 'Nagarzun Punarmaulyankan', Sahitya Bhandar Publicaiton, Allahabad, ISBN: 978-81-7779-511-0, P.206-209.
- Deenanath (2018), Bharat ki Dalit Samasya aur Gandhi ka Hastakshep. Manglam Magazine, Allahabad, P. 103-114, ISSN: 0976-8149.
- Deenanth, (2017). Nav Jagaran aur Prasad ki Samkalinta, Publisher Lok Bharti, Allahabad, ISBN: 970-93-81344-1-5-6, P. 59-66.
- Deenath (2018), Bharat me Manvadhikar aur Asmitawadi Vimarsh, KAAV Magazine, Delhi, Jan-March, P. 282-285, ISSN: 2348-4969.
- Gangwar, R. (2017). Knowing the Pandits of Banaras in Medieval Period. *SODH SARITA*, (An International Bilingual Peer Reviewed Refereed Research Journal) 3 (10), 186-190.
- Gangwar, R. (2017). Aarthik Vishamta ke Sandarbh me Santmat ki Prasangikita. Bhaktikaleen Kanto Bhartiya Sanskriti ke Vividh Aayam, P. 201-203, PGDAV College, Delhi University.
- Gangwar, R. (2017). Sri Dashamgramksahib aur Bhramon ka Nirakaran. *KIJTzCBM* (International Journal online) 04 (04).
- Gangwar, R. (2017). Strivirodhi Sanskritic-Mansik Nismite: Kuchh Prerna Srots. Jan Sanchar Vimarsh, Vol VI.
- Gaurav, G. (2017). Major Precursors of Change in the United States-China Relations. *International Journal of Research in Economics and Social Sciences*, 7 (7), 315-326.
- Gaurav, G. (2018). Globalization and the Nation State. In: Globalized India-Contemporary Dialogue (edited by A. S. Mathew and T. Mishra). Pp 149-156, New Delhi: Kautilya Books.
- Gupta, A. and Srivastava, R. (2017) Transition metal complexes in pharmaceuticals. In: Emerging trends in Agricultural, Environmental and Rural Developmental Challenges and Solutions (edited by H. Pant, K. Singh, M.K. Singh, and D.Swaroop) pp 239-242, SBSRD, Allahabad, ISBN: 978-81-923494-9-7.
- Gupta, A.(2017). Technologies in clean and green environment. Cure, Environment Bulletin, ISSN: 2319-1333
 Vol. XXIII.
- Gupta, S. (2017). Bhartiya Rajniti Mein Sushasan Tatha Chunautiya. *Asian Journal of Advance Studies*, 3(3), 152-159.
- Guu, Sy-Ming, Singh, Y., and Mishra, S. K. (2017) On Strong KKT type Sufficient Optimality Condition for Multiobjective Semi-Infinite Programming Problems with Vanishing Constraints. *Journal of inequality and applications*, DOI 10.1186/s13660-017-1558-x.
- Kumar, A., Gupta, D. K. and Srivastava, S. (2017). Influence of the Center Condition on the Two-Step Method. *International Journal of Analysis*, 2017, 625-630.
- Kumar, C. (2017). Bharat Mein Jamini Jantantra: Panchayati Raj Vyavastha. Shodh Drishti, 8(8), 47-52.
- Kumar, C. (2017). Bhartiya Loktantra Evam Chunav Sudhar. Current Journal, 4(15), 400-410.
- Maurya, M. K. and Agarwal, M. (2018). Relationship between motivation to lead, mental health status, and job satisfaction of male and female civil police constables. *Journal of police and Criminal Psychology*, 33(1), 9-20. DOI: 10.1007/s11896-017-9230-4 (Publisher-Springer Nature, US)
- Maurya, M.K. (2017). Role expectations of police personnel: development of the tool and of its psychometric structure. *The Indian police Journal*, 64(1), 30-37.
- Maurya, M.K. (2018). Mental Health Status and Job Satisfaction of Male and Female Police Personnel in India. *Indian Journal of Social Research*. *59*(1), 73-87.
- Mehar, H., Srivastava. S. and Tiwari, R. (2017). Psychological well-being and weight efficacy lifestyle of adults with obesity. *Open Journal of Psychiatry & Allied Sciences*. 9(1)50-54. Online: 2394-2053/ Print: 2394-2061
- Mehar, H., Tiwari, R. & Srivastava. S. (2017). Is there a difference in the Psychological Wellbeing of married and unmarried Obese Adults? *Delhi Psychiatry Journal*.20(2),268-271.
- Mishra, S. K. (2017). GST: Goods and Services Tax. Sahitya Bhandar, Allahabad.
- Mishra, S. K. (2017). Vastu Evam Seva Kar. Sahitya Bhandar, Allahabad
- Nath, S. (2017). Madhya Yugeen Bharat.
- Pandey, A. (2017). Hindi Vigyan Lekhan Mein Mahilaon Ka Yogdan, Sahitya Bharti (Vigyan Lekhan Visheshank) pp. 06-12, Uttar Pradesh Hindi Sansthan, Lucknow, ISSN: 2455-1309

- Pandey, A. (2017). Environmental and Human health. In: New approaches in Agriculture, pp 2-4.
- Pandey, A. (2017). Labhdaisuchmjivon ka sansar. In: Gramin Vikas Sandesh, pp 8-10.
- Pandey, A.(2017). Photography Kaltihas. Vigyan, Published by Vigyan Parishad Prayag, Ank-02, Varsh-103, pp. 8-11, ISSN: 373-1200.
- Pandey, A.(2017). Aushadhi Paudhey Aur gharelu Upchar. Cure, Environment Bulletin, Vol, XXIII, pp. 20-23, ISSN: 2319-1333.
- Pandey, A., Agrawal, B. and Srivastava, S.K. (2017) Sacred Groves: A Method of biodiversity conservation. In: Emerging Trends in Agirculture, Environmental and Rural Developmental Challenges and Solution, ((edited by H. Pant, K. Singh, M.K. Singh, and D.Swaroop) pp 9-15, SBSRD, Allahabad. 978-81-923494-9-7.
- Pati K. and Varma R. (2017). A Psychosocial analysis of Sexual Harassment at Work Place in India. Ruminations. An International Journal for analysis and Research in Humanities and Social Sciences. 8(1) ISSN 2229-6751
- Rai, M., Kushwaha B. K., Srivastava, S. N., and Srivastava, P.(2017): The state of lopholegeunea sikkimensis (Legeuneaceae; Marchantiophyta)in western Himalaya India. International journal of life Sciences, 5(4), 543-550.
- Sahu, D.K. (2018). Synthesis and characterization of Cr(III) compounds with tetradentals N4 Macrocyclic Ligands. *International Journal of Research in Chemistry and Environment*, 8(1), 37-43.
- Saxena, V. (2017). Religiosity, Environmental Strands And Social Justice: A Multi-Dimensional Analysis of Kumbh Mela At Allahabad City. In: Globalization Social Justice and Sustainable Development in India, (edited by M. K. Verma) Gyan Publisher, New Delhi, ISBN: 978-81-2121-41-55
- Saxena, V. (2017). State initiatives and lower castes in India: Analyzing mobility of the scheduled castes in Jammu region. In: Sociological Bulletin, 66 (3): pp 1-17, ISSN: 0038-0229.
- Saxena, V. (2018). Interrogating the feminist methodology in social science: Towards an interdisciplinary insight. In: Gender Issues, (edited by P. Jain), Studium Press, New Delhi, (ISBN: 978-93-65046-25-4).
- Siddiqui, I.R., Srivastava, A., Srivastava, A. Shamim, S. and Shireen, Waseem, M.A. (2018) Ionic liquid promoted one pot approach for the synthesis of pyrido[1,2-c][1,3,5]thiadiazin-4-ones and thiazolo[3,2-c][1,3,5]thiadiazin-4-ones in water. *Arabian Journal of Chemistry*. 11(2), 256-264.
- Singh Y., and Mishra, S. K. (2018). Saddle Point Criteria for Semi-infinite Programming Problems via an Approximate Method. In: Operations Research and Optimization. FOTA 2016. (edited by Kar S., Maulik U., Li X.) Springer Proceedings in Mathematics and Statistics, Vol. 225. Springer, Singapore.
- Singh, M. (2017). Bhartiya Udarvaad Ke Praneta. Anshika Publications, Allahabad.
- Singh, M. (2017). Bhartiya Udarvaad ke Praneta. Ansika Publication, Allahabad, ISBN: 978-8193333327.
- Singh, M. (2017). Rashtravaad aur Bhartiya Sahitya. Shodh Navneet, 9, pp 164-169.
- Singh, P., Kumar, R., Singh, A., Singh, A.K., Yadav, P., Khanna, R.S., Vinayak, M. and Tewari, A.K. (2018) Synthesis and crystal structure of quinolinium salt: Assignment on nonsteroidal anti-inflammatory activity and DNA cleavage activity. *Journal of Molecular Structure*, 1163, 262-269.
- Singh, S (2017). Sahitya mai Stri-Swatva Ki Abhivyakti aur Samkalin Nari-Chintan. Sahitya Bhandar, Allahabad.
- Singh, S. (2017) Stri Kathakaro ki Vaividh yapurne Duniya. Vagarth, 269, 102-108.
- Singh, S. (2017) Jatiya Chetna se Samprit Rachna Kar Trilochan, Praveshank P. 64-72, A R Publishing Comp. Delhi.
- Singh, S. (2017). Muktibodh ki Kahaniyo me Jeevan aur Vichar ka Dvand. Hindustani, 78 (3), 30-36.
- Singh, S. (2017). Prasad Ke Nari-Patra: Adhunik Sandarbh. Hindustani Academy, PP 18-26.
- Singh, S. (2017). Stri Aur Bazar. Sahitya Vikalp, 3, Sanyuktank 4-5, 181-186.
- Singh, S. (2017). Vishwa-Falak Par Hindi –Bhasha. In: Vyaktitya -Bhasha-Media, Ek Anusilan (edited by. Dr. G. Bharti) P.P. 29-36, JTS Publication, Delhi.
- Singh, S. and Padhye, S. (2017) Cryptanalysis of NTRU with a Public key. *Asia Security and Privacy* (ISEASAP 2017), ISEA, IEEE.
- Singh, S. and Padhye, S. (2017). On Logical Operations for NTRU Cryptosystem. *International Journal of Computer Applications*.

- Singh, S. and Padhye, S. (2018). A Self Proxy Signature Scheme over NTRU Lattices, Information Technology New Generations 2018. Advances in Intelligent Systems and Computing, 738, Springer, SCOPUS
- Singh, Y., Mishra, S, K. and Lai, K. K. (2017) Optimality and duality for nonsmooth semi-infinite multiobjective programming with support functions. *Yugoslav Journal of Operations Research*, 27(2), 205-218.
- Singh, Y., Pandey, Y. and Mishra, S. K. (2017) Saddle point optimality criteria for mathematical programming problems with equilibrium constraints, *Operation Research Letters* (ORL), 45254-258.
- Singh, S. (2017). Hindi -Sahitya Gyan Kosh Bhartiya- Bhasha Parishad, Kolkata
- Singh,S. (2017). Prasad Ka Rachnatmak Evam Sanskritik Pradeya, Hindustani Academy, Allahabad
- Srivastava, A. (2017). US and South Asia: Challenges and Opportunities. Anshika Publications: Allahabad
- Srivastava, D. (2018). The untold stories of women contribution in science and technology. In: Vishwabharti (A critical study on women in Global Perspective), (edited by .Dr. A. Sengupta) pp 239-248, Iswar Saran P.G. College (University of Allahabad), Allahabad, ISBN No. 978-81-922900-5-8.
- Srivastava, D.(2018). Check your Water Footprint. In: Advances in Chemical and Applied sciences. Vol. I, pp 60-67. Chemical Society, CMP Degree College, Allahabad, ISBN No. 978-81-935052-0-5.
- Srivastava, R., Shukla A.K. and Gupta, A.(2017). Impact of climate change on infectious diseases. In: Emerging trends in agricultural, environmental and rural developmental challenges and solutions (edited by H. Pant and M. K. Singh) pp 268-270, Society of Biological Science and Rural Development, Allahabad, ISBN: 978-81-923494-9-7.
- Srivastava, R., Shukla, A.K. and Gupta, A. (2017). Agriculture and Chemicals. In: Emerging Trends in Agricultural, Environmental & Rural development challenges and solution (edited by H. Pant and M. K. Singh) pp 268-270. Society of Biological Science and Rural Development, Allahabad, ISBN: 978-81-923494-9-7.
- Srivastava, R., Shukla, A.K. and Gupta, A.(2017). Animal Health and Welfare-stress' In: 'Emerging Trends in Agricultural, Environmental & Rural development challenges and solution, (edited by H. Pant and M. K. Singh). pp 239-242. Society of Biological Science and Rural Development, Allahabad, ISBN: 978-81-923494-9-7.
- Srivastava, S., Gupta, D. K., Stainimirovic, P. S., Singh, S. and Roy, F. (2017). A hyper power iterative method
 for computing the generalized Drazin inverse of Banach algebra element. Sadhana: Academy Proceedings in
 Engineering Sciences, Vol-42625-630, (Springer, SCI, Scopus), (Impact factor 0.465).
- Srivastava, V. (2018) Engineering Chemistry: A Textbook. Alpha Science International Ltd, Narosa Publishing House Pvt. Ltd ISBN-: 978-1783323647.
- Srivastava, V., Singh, P. K., Kanaujia, S. and Singh, P. P. (2018) Photoredox catalyzed synthesis of amino alcohol. *New Journal of Chemistry*, 42, 688.
- Srivastava,S., Stanimirovic, P. S., Katsikis, Vasilios N, and Gupta, D. K. (2017). A family of iterative methods with accelerated convergence for restricted linear system of equations. *Mediterranean Journal of Mathematics*, Vol-14 222 (Springer, SCT, Scopus), (Impact factor 0.868), (ISSN: 1660-5446 (print version), ISSN: 1660-5454 (electronic version).
- Tripathi ,M. and Chawla, P.(2017). Dielectric Studies of [PEO: CH₃COOLi]: Graphite System Synthesized by Hot Press and Solution Cast Technique. Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, pp 1-7.
- Tripathi Abha, (2017), Ramcharit Manas Me Mulyaparak Dristikod, Tulsi Shodh Sansthan.
- Tripathi, A. (2017). Muktibodh Ki Dristi Me Rachna Prakriya, Hindustani Academy, pp. 43-49.
- Tripathi, A. (2017). Natakkara Prasad ya Kavi Prasad, Chandra Gupta ke Vishesh Pripakshya mai. Hindustani Academy, P.P. 67-72
- Tripathi, A. (2017). Stri Vimarsh Ke Sandarv Me Mahadevi Verma Ka Gadya. Hindustani Academy P.P. 77-81.
- Tripathi, A., Kumar, S., Srivastava, S.K. (2018). The Active components of azadirachtaindica and its beneficial role in health management. *International Journal of Creative Research Thought*, 6(1), 1077-1080.
- Varma, R. (2018). Book Review of Social Capital. Collectivism and Development in Journal Psychology and Developing Societies. 30(1) Sage Publishers.
- Verma, A. (2017). Bhartiya Videsh Niti Nirman Mein Diaspora Ki Bhumika. Samajik Nirvachan, 7(4), pp 48-53.

EWING CHRISTIAN COLLEGE

- "Novel Quantum Electronic Materials: Theoretical and Experimental Approach" at the Department of Physics, Indian Institute of Technology, Roorkee, India during December 18 22, 2017.
- A K Pathak, Ankita Singh, Rohit Kumar, A K Rai, Laser Induced Breakdown Spectroscopy Coupled with PCA Study of Human Tooth, National Academy Science Letters (Accepted) 2018.
- A Special Issue on Advanced Functional Materials: A Modern Perspective, VK Singh, Y Dwivedi, J Sharma, R Prakash, AK Pathak, Materials Focus 5 (3), 183-186
- Analytical Characterization of Crude Oil and Related Products, Ashutosh Kumar Shukla (Ed.), Wiley, ISBN 9781119286318
- Crucial role of Internal Collective Modes in UnderdopedCuprates, Aabhaas V. Mallik, Umesh K. Yadav, Amal Medhi, H. R. Krishnamurthy and Vijay B. Shenoy, <u>Eur. Phys. Lett.</u>, 119, 27004(2017).[arXiv:1603.09547]
- Effect of angle of deposition on the Fractal properties of ZnO thin film surface, RP Yadav, DC Agarwal, Manvendra Kumar, Parasmani Rajput, DS Tomar, SN Pandey, PK Priya, AK Mittal, Applied Surface Science 416, 51-58 (2017)
- Electron Spin Resonance Spectroscopy in Food Science, Ashutosh Kumar Shukla (Ed.), Elsevier_(2017), Paperback ISBN: 9780128054284
- EMR/ESR/EPR spectroscopy for characterization of nanomaterials, Ashutosh Kumar Shukla (Ed.) A part of Springer series on Advanced Structured Materials, Vol. 62 (2017), eBook ISBN 978-81-322-3655-9, Hardcover ISBN 978-81-322-3653-5, Series ISSN 1869-8433.
- Fractal characterization and wettability of ion treated silicon surfaces, RP Yadav, Tanuj Kumar, V Baranwal, Vandana, Manvendra Kumar, PK Priya, SN Pandey, AK Mittal, Journal of Applied Physics 121 (5), 055301. (2017)
- Ground State Properties of Spinless Extended Falicov-Kimball Model on A Triangular Lattice with Finite Magnetic Field, Umesh K. Yadav, AIP Conf. Proc. 1860, 020012-1–020012-6(2017).
- Kusum Lata Pandey, "Dielectric and Electro-Optical Properties of Nematic Liquid Crystalline Material with Gold Nanoparticles" (accepted for publication in Liquid Crystals journal MS ID-TLCT-2018-0027).
- Kusum Lata Pandey, "Electrical Studies on Nanoparticle Doped Organic Media" Entire Research Vol.9, Issue 1, January 2017.
- Kusum Lata Pandey, "Variation of the electrical and optical properties of quantum dots due to organic medium, Entire Research, 2016
- Metallic nanoparticles: green synthesis and spectroscopic characterization, Ashutosh Kumar Shukla and Siavash Iravani, Environmental Chemistry Letters (2017), doi:10.1007/s10311-017-0618-2(Sl. Number in UGC list 11093)
- Orbital Magnetic Field Driven Metal-Insulator Transition in Spinless Extended Falicov-Kimball Model on A Triangular Lattice, Umesh K.Yadav, Solid State Communications 249, 12 (2017).[arXiv:1607.05240]
- P. K. Khandai, P. Shukla Transverse collective flow of hadrons at RHIC and at LHC; PoS ICPAQGP2015 026, 241 (2017).
- Photo absorption in sodium clusters: first principles configuration interaction calculations, Pradip kumar Priya, Deepak Rai, Alok Shukla, The European Physical Journal D 71(5):116 (2017)
- Siavash Iravani and Ashutosh Kumar Shukla, Plant protein-based nanoparticles and their biomedical applications in "Nanomaterials and Plant Potential", Azamal Husen (Editor), Springer, Under Publication
- Surface and structural properties of ZnO nanoparticles grown by Sol-Gel route and correlation with the fractal analysis by R.P. Yadav, A. Sharma, H.P. Bhasker, A.K. Yadav, P.K. Priya, manuscript under submission process.
- Unconventional phases of attractive Fermi gases in synthetic Hall ribbons, Sudeep Kumar Ghosh, Sebastian Greschner, Umesh K. Yadav, Tapan Mishra, MatteoRizzi, and Vijay B. Shenoy, Phys. Rev. A 95, 063612 (2017).[arXiv:1610.00281]
- VK Singh, PK Rai, AK Pathak, DK Tripathi, SC Singh, JP Singh, Application of Wavelength-Dispersive X-Ray Fluorescence Spectrometry to Biological Samples, SPECTROSCOPY 32 (7), 41-47(2017)

HAMIDIA GIRLS' DEGREE COLLEGE

- Akhtar. Gulshan. (2018) Impact of tourism in India Economic Development. International Journal of basi and Applied research Vol.19 20-30.
- Akhtar. Gulshan. (2018) Problem and Prospects of Agricultural Marketing in India An Overview. Sustainable Agriculture and Food Security. A. K. Publication 132-143.
- Ara. Shabnam (2018) Analysis of water Quality Status of Nambul River in Imphal City. Shodh Drishti 0976-6650, 49-54.
- Fatima. Nuzhat (22017) Tipu Sultan ke Hairatangez Karname in Ziaewajeeh (or Shairullh Khan Wajeehi) PP 37. 49. Rampur Monthly Ziae Wajeeh Mestonganj.
- Hasan, Shahla (2018). Bhartiya Evam Paaschatya Kala 8 Series, Allahabad, Priya Prakashan.
- Jabir. Siddeequa (2017) Alshayr. Almuhub Umar Farukh. Aglam Alhind Online Arabic International Journal.
- Jabir. Siddeequa (2017) Sir Syed Aur Sahafat. Tahzibul Akhlaq Vol.36, 73-80.
- Jabir. Siddeequa (2017) The Beacon of India: Rabindranath Tagore in the light of his Poetry Aljaleel- Aljadeed International Half Yearly Refereed Journal Vol No. 1 Pg No. 201-209.

ISWAR SARAN DEGREE COLLEGE

- Pandey, S.P., Tarkshastra, Sekhar Prakashan, ISBN- 978-81-89570-72-9, 2018
 - A. International Journals: 29
 - B. National Journals:72
- Book: Paramarsh; Title of the Article: Paristhiti Sankat ka Darsanshastra me Prabhav, Published by Philosophy Department, University of Pune; ISSN- 39883-79, 2017.
- Book: Vishwabharti: A critical study on women in Global perspective; Title of the Article: VaikalpicMatrav (Mamta Hath) avam Manavadhikar. ISBN- 978-81-922900-5-8; 2018

JAGAT TARAN GIRLS' DEGREE COLLEGE

- Banerjee D., "A Social Construction Theory" SAARC (International Journal of Research) Vol 5 No. 1 & 2 Jan-July listed in UGC with serial number-46911. ISSN 2347-8373 peer reviewed, Refereed Journal pp 55-61.
- Deb, K., "Indian Education: A Buddhist Perspective" in the proceedings of International Seminar "Bauddh Dharm Aur Bhartiya Sanskriti" (Buddhism and Indian Culture), edited by Pradeep Kesarwani, ISBN:978-93-82182-51-1, Year 2017, pp 30-32.
- Dubey K.L., "Rigvediya Rishikaon Ke Sukton Ki Mahatta Evam Prasangikta" in the Proceeding of a National Seminar on the Topic, Sanskrit Vangamaya Mein Mahilaon Ka Vaishvik Awadan; Organized by, Ishwar Sharan Degree College, Alld.
- Kant, Dr. Neelam (2017) Ed. "Bhartiya Rajnaitik Evam Samajik Samsyon Ke Vividh Pahlu" ISBN: 978-93-85895-79-1 pp 1-114, New Delhi, Akinik publication.
- Kant, N. (2017), Indian State, Politics and Democratic Values, in *Bhartiya Rajneetik evam Samajik Samasyaon ke Vividh Pahlu*, (Ed)Kant, N., New Delhi, AkiNik Publications. PP 1-7.
- Mukherjee, N. (2017), Bhartiya Sangeet Ki Paramparaon Ke Samvardhan aur Vikas me Mahilaon ka Yogdaan in Samarpan. ISBN 978-93-8514-9-35-1.
- Pandey S. "Samajik Rajnaitik Evam Sanskritik Nirnayan Prkriya Mein Mahila Ke Sthiti evam Samadhan"
 'Veethika' (Refreed] Interdiciplinary UGC approved Research Journal), 8, Sept, 2017, ISSN-2231-1130, UGC Serial No 48398, Impact Factor 3.521(JIJIF)
- Pandey S.(2017) "Mahama Gandhi": *Asprishyata Ek Samajik Samasya Hai*", *Vidyavarta*: An International Multilingual Research Journal, 18(4)pp.158-160.
- Sahgal, S., Samaj mein Sangeet ka Sanrakshan evam Samvardhanin Samarpan ISBN: 978-93-8514-9-35-1
- Srivastava, S.(2017), *Buddha Sahahitya me varnit Saamajik Sanrachna ka Swaroop: Ek Vishleshan*. In Buddh Dharm aur Bhartiya Sanskriti (Ed).pp 25-30, Alld. Editor Pradeep Kesarwani. ISBN: 978-93-82182-51-1 year 2017.

- Srivastava, S., "*Pracheen Bharatiya Rajya Vyastha mein Srtiyon ka Yogdan*" in the Proceeding of the National Seminar on Women From Past to Present edited by Vipula Pndey, Publisher, Pratibha Prakashan Delhi, ISBN-978-81-7702-412-8, year 2017, PP 102-108.
- Verma, R.K., "*Prasad Ke Natakon Mein Navjagran Ka Udghosh*, published in the Book "*Navjagran aur Prasad Ki Samkaleenta*" edited by Kalpana Verma, ISBN 978-93-81344-15-6, Lokbharti publisher 2017, pp. 215-225.
- Yadav, M., "Bauddh Vichardhara Aur Samajik Samanjasya: Pracheen Kaal mein Asprishyata Ki Pratha Ke Vishesh Sandarbh Mein, in the proceedings of International Seminar on "Bauddh Dharm Aur Bhartiya Sanskriti" (Buddhism and Indian Culture), edited by Pradeep Kesarwani, ISBN:978-93-82182-51-1 year 2017, Allahabad, pp 30-32.

K. P. TRAINING COLLEGE

- Sahoo, N. Presented Paper on 22nd and 23rd "Students Perception towards social media based learning" in 51 Annual National Conference of I.A.T.E on Teacher Education: Development, Challenges and future projection. Organized by Department of Education, Madurai Kamraj University, Madurai.
- Sahoo, N. Presented Paper on 2nd and 4th October 2017 Titled"Curriculum reform in discipline based and practical based approaches in teacher education" in 9th National Conference on Community Awareness and Main Streaming of the Disable and Challenged Individual organized by HarprasadInstitute of Behavioral Studies (HIBS) Agra.
- Srivastava, A. (Edition 2017) Modernization in society upcoming trends: "Role of Education for women empowerment" Page No. 179-183, ISBN 978-1-73035-617-9, Department of Humanities and Social Sciences MNNIT, Allahabad.
- Srivastava, A. Published a Paper Titled "Role of Education for Women Empowerment 2017 in the Journal named "Modernization in Society and Upcoming Trends, Excel Publication, Delhi

RAJARSHI TANDON MAHILA MAHAVIDYALAYA

- Agrawal, M.R. (2018) महिलाओं के विकास में शिक्षा का योगदान विश्व भारती (edited Anita Sen Gupta) PP 210-214, Allahabad, Ishwar Saran P.G. College, Chandpur Salori, Allahabad.
- Jaiswal, S. (2017) पर्यावरण प्रदूषण एवं बचाव, Vimal-Vimarsh, A multi disciplinary referred Research Journal, 5, 33-36.
- Jaiswal, S. (2018) भारतीय महिलाओं की सामाजिक—आर्थिक स्थिति, विश्वभारती (edited by Anita Sen Gupta) PP 257-261, Allahabad, Ishwar Saran P.G. College, Chandpur Salori, Allahabad.
- Mehrotra R (2017) रामचिरत मानस का दार्शनिक दृष्टिकोण Vimal Vimarsh, A Multy disciplinary referred Research Journal ,5, 160-166
- Mehrotra R. (2017) मेघदूत एक अनुपम खण्ड काव्य Vimal Vimarsh, A Multy disciplinary refereed Research Journal ,5, 24-26
- Mehrotra, R. (2018) " आकाशवाणी संगीत सम्मेलन " edited Renu Johri) PP 113-116 Luminouns Books Varnasi. ISBN-978-93 8. 514-9-63-4
- Mehrotra, R. (2018) भारत में महिलाओं की वर्तमान स्थिति की सामाजिक विवेचना विश्वभारती (edited by Anita Sen Gupta) pp 253-256 Ishwar Saran P.G. College, Chandpur Salori, Allahabad
- Sharma K. नारी और शिक्षा, विश्वभारती (edited by Anita Sen Gupta) PP 187-189, Allahabad, Iswar Sharan P.G. College, Chandpur Salori, Allahabad.
- Singh N. (2017) महात्मा गाँधी और पर्यावरण संरक्षण, पर्यावरण संवाद एवं गाँधीवादी मूल्य, 20–27, सं00 डाँ० शकुन्तला आशा प्रकाशन, कानपुर।
- Singh N. (2017) Bharat Cheen Sambandh: Daklam Vivad Ke Sandarbh Mein. Shodhmanthan, 8 157-163.
- Singh N. (2017) Chunao Sudhar Chintan Ke Kuchh Bindu, Mahila Vidhi Bharti Research (Hindi English) Quaterly journal, Sanguktank, 92-93
- Singh N. (2017) Jawahar Lal Nehru: Vyavharik Darshnik Aacharya Narendra Dev Research Institute Nainital, 24, 116-121.
- Singh N. (2017) Loktantrik Mulya Aur Mahatma Gandhi, Shodhmanthan, 8, 140-145
- Singh N. (2017) Quality Assurance in Higher Education, India by Review Journal of Philosophy and Social Science, 42, 41-46
- Singh N. (2017) अनुसूचित जाति और जनजाति (अत्याचार निवारण) अधिनियम : चिन्तन के कुछ बिन्दु, जल—जंगल—जमीन और जनजातियाँ 20—27 स0— डाॅ0 पूर्णेन्द्र प्रकाश त्रिपाठी, डाॅ0 पूरनचन्द जोशी प्रतिभा प्रकाशन, त्रिवेणी समिति उ०प्र0

- Srivastava, K. (2017) विश्वव्यापिनी है संस्कृत–आख्यान– साहित्य की नीतिकथाएँ, साहित्य विकल्प, 4–5, 186–189
- Srivastava, K. (2017) सच्चे भूमण्डलीकरण का वाहक है गाँधी का विचार, दर्शन, विमल विमर्श, 5, 108–114
- Srivastava, K. (2018) वाल्मीकीय रामायण में भौगोलिक वृतान्त, विमल विमर्श, 6, 73–76
- Srivastava, Kaumudi (2018) : विश्व भारती (Co-edited), pages 390, Allahabad, India: Raka Prakasshan.
- Srivastava, Kaumudi (2018) स्त्री श्रमशक्ति : विश्व—अर्थव्यवस्था की धुरी, In: विश्वभारती (edited Dr. Anita Sengupta), 278-281, Allahabad, India. Raka Prakashan
- Tandon P. (2017) हिन्दी नाटककारों के काव्य सिद्धान्तों का सिंहावलोकन, श्री वेदांग वीथी शोधपत्रिका प्रयाग, 02. 16-21
- Tandon P. (2017) तुलसीजस भवितत्यता, हिन्दुस्तानी एकेडमी प्रयाग, 78, 46-49
- Tandon P. (2017) हिन्दी उपन्यास अवृष्ट सत्ता का धार्मिक पक्ष, New Man International Journal of Multidisciplinary Studies, 04, 161-164
- Tandon P. (2017) नाटककार और साहित्य सिद्धान्त, त्रिपाठी बुक डिस्ट्रीब्युशन (प्राoलिo) इलाहाबाद।
- Tandon P. (2018) समरसता की दिशा में कबीर की काव्य कल्पना, New Man International Journal of Multidisciplinary Studies, 05, 48-511.
- Tripathi, R. (2017). Ecocriticism: A New Dimension to Literary Criticism. Acme International Journal Of Multidisciplinary Research. Vol V, Issue V. 21-25
- Tripathi, R. (2017). From Darkness unto Light: Gender Parity in Population. Research Journal of English Language and Literature. Vol 5 Issue 2 .201-205
- Tripathi, R. (2017). Indian Diaspora Writers of Twenty First Century: The Changing Trends. Research Expo .45-48
- Tripathi, R. (2017). Indian Renaissance and Indian Women Writers. International Journal of English Language Literature in Humanities Vol V Issue IV .28-35.
- Tripathi, R. (2017). Jawahar Lal Nehru: The Man of Letters. Research Journal of English Language and Literature.4.492-498.
- Tripathi, R. (2017). Multiculturalism: Concord and Discord in Recent Indian English Novel. International Journal of Advanced Research. Vol 5 Issue 6.1309-1313.
- Tripathi, R. (2017). Rohintong Mistry: Locating Identity in Tales from Firozsha Bagh. Acme International Journal of Multidisciplinary Research.35-38.
- Tripathi, R. (2017). The Return to Roots: A Study of M G Vassanji's Assasin's Song. Vol V Issue VI.233-240
- Tripathi, R. (2017). V.S. Naipaul and His India. International Journal of English Language ,Literature and Translation Studies Vol. 4. Issue.2,172-178.
- Yadav, N. (2018) "Sangeet Ke Pramukh Kendra Sthal Sangeet Sammelan Avem Samaroh" (edited Dr. Renu Johri) PP- 347 to 354 Luminouns Book Varansi-ISBN- 978-93-8574-963-4.
- Yadav, N. (2018) Lokgeetan Ke Sandharbh Me. "Bhartiya Sangeetm Shriram, Anhad Lok Prati Dhwani Kala Avam Sanskriti Ki- ISSN-2349. 137X Volume No.-6 Page No. 36
- Yadav, N. (2018) Sufi Mat Evem Sufi Sangeet", Sufism and Sufi Music Cultural Continuity in Historical Perspective, Proceeding of International Seminar pp 207 -209 Horizon Books.

SADANLAL SANWALDAS KHANNA GIRLS' DEGREE COLLEGE

- Agrawal, Meenu (2017). Markendey Puran mein Yog. Itihas ICHR. 3(1), 59-78
- Agrawal, Meenu (2017). Bauddh Dharma Aur Swastik Prateek. International seminar proceedings on Buddhism
 & Indian Culture, 272-279. Allahabad
- Agrawal, Meenu (2017). Bhartiya Sanskriti aur kala mein Gaj. Madhya Bharti. 3(1). 59-78
- Bano Shamenaz (2017). Verses on racism, resistance and refugee crisis. Authors Press
- Bano Shamenaz (2017). Women as subaltern in patriarchal construct: Bapsi Sidhwa's water and Tehmina Durrani's blasphemy. IJES. LIV, 136-150
- Bano Shamenaz (2017). Gender Studies Fragmentation and Formation. MG Society
- Bano Shamenaz (2017). Women Poets. Authors Press
- Bano Shamenaz (2017). Women voices from Asia and Africa. Authors Press

- Bano, Shamenaz (2017). Paradigm shift in Sri Lankan women writers: Kumari Jayawardena, Nira Wickramsinghe and Thisuri Wannirchhi. In: Asian response to commonwealth literature (edited by Dr. Syed Mujahid), 161-171, New Delhi, India: Research India Press
- Begum, Arifa(2017). Shiksha ke kshetra mein ICT ka prayog evam badhayen. ANUSILANA (Research Journal of Indian Cultural, Social & Philosophical Stream, Vol.no.LXXV,307-309
- Chauhan Rita (2017). Balyavastha evam Kishoravastha (Childhood & Adolescence Development). Agrawal Publications, Agra
- Chauhan Rita (2017). Child Development and Teaching & Learning. Agrawal Publications, Agra
- Chauhan Rita (2017). Hindi ka Shikshanshastra (Pedagogy of Hindi). Agrawal Publications
- Chauhan Rita (2017). Natya, Kala aur Shiksha(Drama, Art and Education). Agrawal Publications, Agra
- Chauhan Rita (2017). Shiksha ke Samajsashtriya Pariprekshya (Sociological perspectives of education). Agrawal Publications, Agra
- Chauhan Rita (2017). Teaching of Arts. Agrawal Publications, Agra
- Gupta Shikha (2017). A comparative critique of the feminism of Jane Austen and George Eliot. Sahitya Bhandar.
- Gupta Shikha (2017). Jane Austen-An inadvertent feminist. International Journal of English language, literature in humanities. V(IX), 439-449
- Gupta Shikha (2017). Literary Feminism. Sanskriti-Sanchay. 7(II), 75-80
- Gupta Shikha (2017). Passivity of the heroines of Jane Austen and George Eliot—An Appraisal. International Journal of English language, literature in humanities. V(X), 867-871
- Gupta, Geeta(2017). Bhartiya Sangeet Evam Manovigyan Mein Antarsambandh. Vimal Vimarsh. 1(1), 126-128
- Gupta, Geeta(2017). Sangeet Kala Evam Saundaryatmak Tatva. Vimal Vimarsh. 171-174
- Gupta, Geeta(2017). Sangeet Ki Chikitsakiya Prishtbhoomi. Vimal Vimarsh. 1(2), 125-130
- Gupta, Ruchi (2017). NFSA: A Legal Entitlement to Right to Food. Productivity. 58(2), 166-178
- Gupta, Ruchi (2017). Socio Economic Impact of Climate Changes in India. Shiv Shakti International Journal in Multidisciplinary and Academic Research. 6(6), 1-10
- Jyoti, Archana (2017). Impact of Environmental Changes. Allahabad, India: Aastha Publication
- Kapoor, Jyoti (2017). Prachin Bhartiya Samaj mei Stree Vimarsh. In: A critical study on women in global perspective. 266, India: Viswa Bharti
- Kumar, Surendra (2017). A study of relevance of processes of B.Ed. programmes in open universities. Paripreksya. XXIV, 55-61
- Kumar, Surendra (2017). A study of values among socially deprived students. Conflux. 5(4), 5-9
- Kumar, Surendra (2017). Incorporating ICT in distance education: enhancing educative measures. Pratibha. 37, 124-128
- Kumar, Surendra (2017). Raashtriya seva yojana mein pratibhag karne wali kshatrao ke mulyo ka addhyan. The Journalist. 3(27), 11-15
- Malviya Alok (2017). Medicinal Plant and antidiabetic properties. In: Advances in Chemical and Applied Sciences. Chemical Society CMP College Allahabad. First Print Publications
- Malviya Ruchi (2017). Romantic tendencies in Alexander Pope. 15 Days. 144, 28-29
- Malviya Ruchi (2017). A Passage to India: a projection of Indian life and culture. Research Spectrum. 7(2), 1-7
- Malviya Ruchi (2017). Empowerment of women and Buddhism. Samskriti Sanchay. 7(II), 1-6
- Malviya Ruchi (2017). Humanism and Tagore with particular reference to 'where the mind is without fear'. The Context. 4(1), 19-24
- Malviya Ruchi (2017). ISAAC and Lady Winchilsea as precursors of romanticism. Anusilana. LXXIV, 45-47
- Malviya Ruchi (2017). Samuel Johnson as a critic. Ruminations. 8(1), 159-162
- Malviya Ruchi (2017). Thomas Gray: A romantic before time. Contemporary research in India. 7(3), 1-3
- Malviya Ruchi (2017). Thomson as a poet of nature. Adhikar. 9, 5-6

- Malviya, Alok (2017). Effect of physiological factors on some fungi causing fruit rot diseases. Agra, India: Arvind Prakashan
- Malviya, Alok. (2017). A new fusarial rot of papaya and its host range. Adhikar. 9, 12-14
- Malviya, Alok. (2017). A new soft rot disease of bottle guard caused by alternaria alternate in Allahabad. 15 Days. 144, 33-35
- Malviya, Alok. (2017). Chemical control of post-harvest diseases of apple fruit. The Public: Problems and solutions. 6(3), 48-49
- Malviya, Alok. (2017). Control of some fruit rots in Allahabad. 15 Days. 147, 3-4
- Malviya, Alok. (2017). Effect of different physiological factors and pathological studies of selected fungi causing fruit. The Public: Problems and solutions. 6(2), 47-48
- Malviya, Alok. (2017). Mysterious plants in pharmacology. 15 Days. 148, 40-42
- Malviya, Shubhra (2017). Bioplastics: an alternative to traditional plastics. In: Impact of Environmental Changes (edited by Srivastava Soni, Singh Preeti and Jyoti Archana), Chapter 38, Allahabad, India: Aastha Publication
- Mishra, Ashish (2017). Classroom Learning Environment as Predictor of Achievement Among Higher Secondary Students of Commerce Stream. Scholarly Research Journal for Interdisciplinary Studies, 4/31, 5166-5176
- Mishra, Ashish (2017). Construction and Standardization of Commerce Achievement Test for Higher Secondary Level. IRA-International Journal of Education & Multidisciplinary Studies, 07(3), 250-260
- Mishra, Manju (2017). The organizational climate of secondary schools and teacher's job satisfaction. Veethika. 8, 49-51
- Mishra, Manju (2018). Relationship between the organizational climate and leadership behavior of principals at the level of secondary schools. International interdisciplinary research journal. 8, 180-182
- Mishra, Manju (2018). Vitta Poshit evam swavittaposhit shikshan sansthao ke B.Ed. vidyarthiyo ki uplabdhi ka tulnatmak adhyayan. Scholarly research journal for humanity science and English language. 5(25)
- Naqvi Zeba (2017). Dilli ke vikhyat etihasik va aadhyatmik vyaktitva Kwaja Nizamuddin Aulia va sheikh Nasiruddin chirag-e-Delhi. Adhikar. 7(8), 26-28
- Naqvi Zeba (2017). Mehandvi Sampradaya: Ek Etihasik Jhalak .Contemporary Research in India. 7(3), 113-117
- Naqvi Zeba (2017). Muslim Rajgharane ki streeyo ki bhumika (madhyakal ke etihasik paripreksya mein). Saarc Antarrashtriya Shodh Patrika .1, 19-25
- Naqvi Zeba (2017). Prarambhik Sufi: Ek Adhyayan. Anusilana. LXXIV,
- Naqvi Zeba (2017). Sharqi kaal mein madaria sampraday: Ek Jhalak. Pratibha. 4(37), 63-66
- Pandey Shashi (2017). Scheduled caste women and decision-making through SHGs. IJRRSS. 5(3), 143-146
- Pandey Shashi (2017). Women and domestic violence: an empirical study. IJRRSS. 5(3), 125-127
- Pandey Shashi (2017). Family Planning and Decision-making among SHG Women in Case of Villages of Allahabad District. Vidyawarta. 05(20), 47-54
- Pandey Shashi (2017). Involvement of women in decision-making in terms of autonomous movement at new place. Jai Maa Sarawati Gyandayini. 3(2), 38
- Pandey Shashi (2017). Legal rights for the empowerment of women: an analytical study. Legal Research Development. 2(1), 71
- Pandey Shashi (2017). Process of decision-making among SHG women: a comparative study. Ranchi, India: Victorious Publishers
- Pandey, Seema (2017). Bharat aur sampradayikta: ek vishleshnatmak addhyan. Shodh drishti. 8(8), 187-191
- Pandey, Seema (2017). Microfinance and empowerment of rural women. Wisdom Herald. 8(3),9-16
- Parveen, Shabnam (2017). Bamboo Plants-A Potential sector of employment generation in rural areas. In: Emerging trends in agriculture, environmental and rural development (edited by Pant, H., Singh, K. and Swaroop, D.)356-357. Society of Biological Sciences and rural development
- Parveen, Shabnam (2017). Morphological variations in Cyathodium aureonitens(Griff.)Mitt.from Pithoragarh in Uttarakhand,India. International Journal of Interdisciplinary and Multidisciplinary studies, 04,233 239.

- Parveen, Shabnam (2017). A review on Rugaspermum pant and basu seed genus from the Triassic of Nidpur, Madhya Pradesh, India. International Research Journal of natural and applied sciences, 4(10), 129-138.
- Parveen, Shabnam (2017). Detached scale-leaves from the Triassic of Nidpur, Madhya Pradesh, India. National Journal of Multidisciplinary Research and development, 2(3), 350-352.
- Parveen, Shabnam (2017). Detached synangiate pollen organs from the Triassic of Nidpur, Madhya Pradesh,
 India. National Journal of Multidisciplinary Research and development, 2(3), 190-192.
- Roy Tanushree. Nigmiya Leikhankan. (2017). Pravalika Publications
- Roy, Tanushree (2017). Innovation in Entrepreneurship Management. AGU International Journal of Management Studies and Research. 5, 1-6
- Sachdev, Neerja (2017). Race, gender and class in Kiran Desai's The inheritance of loss and Thisuri Wanniarachhi's terrorist daughter. In: Gender studies fragmentation and formation (edited by Bano, Shamenaz and Abidi, S. A. R.), 56-67, Parbhani, India: Mahatma Gandhi Education and Welfare Society
- Sahgal Sumita (2017). Numerical Analysis of Physical Chemistry. Delhi, India: Victorious Publishers
- Shukla, Shiv Shanker (2017). Role of I.T. in advancement of education. Research Discourse. XXIV (II), 93-96
- Singh, Harish Kumar (2017). Anusandhaan Ek Samanya Parichay. Victorious Publishers
- Singh, Harish Kumar (2017). Sarvashiksha Abhiyan Ek Addhayan. Victorious Publishers
- Singh, Lalima (2017). Beyond Development, In Impact of Environmental Changes 119-132,
- Singh, Preeti (2017). Bio Fertilizers: An Innovative tool for sustainable agriculture. In: Emerging Trends in Agriculture, Environmental & Rural Developmental Challenges and Solution(edited by Pant, Hemlata) 215-218, Allahabad, India: Society of Biological Sciences and Rural Development
- Singh, Preeti (2017). Impact of Environmental Changes. Allahabad, India: Aastha Publication
- Singh, Preeti (2017). Impact of Invasive Alien Plants on Environment. In: Impact of Environmental Changes (edited by Srivastava Soni), 148-151, Allahabad, India: Aastha Publications
- Singh, Preeti (2017). Short Attendance in Classroom: An Issue to Consider. In: Classroom Attendance: An Indicator in the relevance of education to life. (edited by Singh, Lalima) 171-174, Delhi, India: Victorious Publishers
- Singh, Preeti (2017). Varsha Jal Sangrahan. In: Gramin Vikas Sandesh, 51-53, Allahabad, India: Jaivic Vigyan
 & Gramin Vikas Samiti
- Singh, Vikas (2017). Lucid Approach to Goods and Service Tax. Allahabad, India: Pravalika Publications
- Singh, Sippy (2017). Avian Hippocampus and its periodic plasticity. In: Animal Physiology, Diseases and management (edited by Pandey, B.N.), India: Narendra Publishing House
- Srivastava ,Sulabh (2017). Samajik Sanskritik Aaadhar Evam Bharat Pak Sambandh. Annals of Multi-Disciplinary Research. VII (3), 86-87
- Srivastava Meenakshi(2017). Challenges of alternative agencies in Indian school system. International journal of English language. V(IX)
- Srivastava Meenakshi(2017). Micro teaching: enhancing teaching skill in teacher education. National journal of education. IX(8), 73-75
- Srivastava Sheo Shankar (2017). Rani Luxmi Bai: A warrior's Death. Srinkhala Ek Sodhparak Vaicharik Patrika. 4(9), 10-13
- Srivastava Sheo Shankar (2017). The Immortal Rani Laxmi Bai. Remarking An Analisation. 2(3), 112-114
- Srivastava Sheo Shankar (2017). Tuglak Sultano ke sath Jaino ke sambandh. Sramana. LXIX(II), 46-51
- Srivastava, Achala (2017). Waste Water Treatment in Allahabad. In: Impact of Environmental Changes (edited by Srivastava Soni, Singh Preeti and Jyoti Archana), Chapter 31, Allahabad, India: Aastha Publication
- Srivastava, Meenakshi (2017). An inclusive education for special need learners with disabilities. International journal of English language. V(VII)
- Srivastava, Sheo Shankar (2017). Nagarjun ki rachnao mei kavyagat samvednao ke vividh aayam. In: Nagarjun Punarmulyankan, Allahabad: India
- Srivastava, Sulabh (2017). Aarthik Vyaparik Aadhar Evam Bharat Pak Sambandh. Journal of Humanities and Culture. 4(3), 124-130

- Srivastava, Sulabh (2017). Bharat Pakistan Jal Sansadhan Vivaad: Sindhu Jal Sandhi Ke Sandarbh Mein. Asian Journal of Advance Studies. 3(3), 209-212
- Tiwari, Alka (2017). Badalta Parivesh aur Stree Shiksha. In: ANANTA(edited by Dr. Mamta Singh).11-17.New Delhi, Pragatisheel Prakashan
- Tiwari, Alka (2017). Prachin Bharatiya shiksha padhati mein jain shiksh Padhati ka yogdaan evam uski vishishtata. Shodh Prerak, VII (3),463-465.
- Tiwari, Alka (2017). Prachin kaal mein bodh shiksha ka kramik vikas ek avlokan. Printing area International research journal, 06, 152-157.
- Tiwari, Alka (2017). Samajik evam sanskriti itihaas punah nirmaan mein prachin bharatiya shiksha kendro ki bhumika. Shodh Pravaha,VII(3),342-344.
- Tiwari, Alka (2017). Vagyanik Pathyakram ke ithihaas mein prachin bharatiya shiksha pathayakram. VAICHARIKI, VII (3), 119-121.
- Tiwari, Alka (2017). Vaidik sahitya mein stree shiksha. Vidyawati, 02, 155-157.
- Tiwari, Alka (2017). Upnayan Sanskar ke samajik, sanskriti nihitartha samyanukul prasangikta. Annals of Multidisciplinary Research, VII(3),136-139.
- Tripathi, Aditya Kumar (2017). Do paato ke beech mein. In: Asmitavadi Vimarsh: Vividh Sandarbh (edited by Rajak Ramchandra), Allahabad, India: Sanrachna Prakashan
- Tripathi, Aditya Kumar (2017). Bhaktikavya ka Samajshastra. Research Highlights. IV(3),
- Tripathi, Aditya Kumar (2017). Mahila Lekhan Evam Stree Vimarsh. Interdisciplinary Journal of Contemporary Research. 4(4), 125-
- Tripathi, Aditya Kumar (2017). Narivadi Andolan evam Dalit Feminism. Vimal Vimarsh. 1(3),
- Tripathi, Aditya Kumar (2017). Stree Vimarsh ka Prarambhik Vikas. Shodh Drishti. 8(8), 121
- Tripathi, Aditya Kumar (2017). Stree Vimarsh ki Pramanikta evam mahila lekhan. Jan Sanchar Vimarsh. 68-
- Tripathi, Aditya Kumar (2017). Stree Vimarsh: Vividh Sandarbh. Allahabad, India: Sahitya Bhandar
- Vaish, Sharmila (2017). Continued fractions related to some theta and partition functions. Vaichariki. VII(3).
- Vaish, Sharmila (2017). Maagh Mela mein paryavaran pradushan evam yatriyo mein iske prati jaagrukta. In: Impact of Environmental Changes (edited by Srivastava Soni, Singh Preeti and Jyoti Archana), Chapter 41, Allahabad, India: Aastha Publication