

### Publications in SCI/SCIE Journals (Web of Science):

1. Roja Eliza, Rahul Kumar Pandey, Sanchit Kumar, Anshumali (2026). Assessment of groundwater development in watersheds using novel hydrosociological indicators and machine learning approach. *Environmental and Sustainability Indicators*, 30: 101220. (WoS Q1, Elsevier, Impact Factor 5.6)
2. Roja Eliza, Rahul Kumar Pandey, Anshumali (2026). Spatio-temporal assessment of soil biogeochemical properties and CO<sub>2</sub> efflux in a dry tropical watershed of India. *Geoderma Regional*, 45, e01074 (WoS Q2, Elsevier, Impact Factor 3.3)
3. Rahul Kumar Pandey, Anshumali, A.K. Singh (2026) Disappearing streams and morphometric degradation in small watersheds of the Ganga River basin. *Discov Water* (2026). <https://doi.org/10.1007/s43832-025-00333-8>
4. Amit Kumar Mishra, Sanchit Kumar, Anshumali (2025). Geochemical characterization of ancient fired bricks used in the 16th century CE first Mughal Mosque situated in Haryana region of the Indian subcontinent: Reference to restoration and conservation. *Int. J. of Masonry Research and Innovation* (WoS Q4, Impact Factor 0.7, *in-press*)
5. Anshumali, Megha Tyagi, Sanchit Kumar, Roja Eliza, Rahul Kumar Pandey, Kumar Rajnish (2025). Livelihood vulnerability index assessment of the informal coal mining workers using IPCC frameworks, *Environmental and Sustainability Indicators*, 28, 101000 (WoS Q1, Elsevier, Impact Factor 5.6) <https://doi.org/10.1016/j.indic.2025.101000>
6. Anshumali, Rahul Kumar Pandey, Govind Kumar, Narendra Prasad, Amit Kumar, Sanjay Gogoi, Roja Eliza, Sanchit Kumar (2025). Impact of LULC changes on small watershed morphometry and delineation of sustainable conservation strategies for degraded transboundary rivers. *Sci Rep* 15, 24063 (WoS Q1, Nature Portfolio, Impact Factor 3.9). <https://doi.org/10.1038/s41598-025-08841->
7. Sanchit Kumar, Anshumali (2025). Heavy metal pollution and health risk assessment in upland and riparian soils of the Ganga River basin. *Discov. Soil* 2, 33 (Springer Nature) <https://doi.org/10.1007/s44378-025-00061-4>
8. Ruchika Jain, Anshumali, P Sherekar, A Nayak, S Jaiswal, K Pimpalghare, R Tumane, A Jawade, S Pingle, S Suke, RS Kashyap, BB Mandal (2024). In vitro toxicity assessment of bioavailable iron in coal varieties of Central India. *PLoS One*, 19(9): e0309237 (WoS, Q1, Impact Factor 2.9) doi: 10.1371/journal.pone.0309237
9. Sanchit Kumar, Anshumali (2024). Dry season assessment of carbon storage and emission from upland and riparian soils in the Ganga River basin. *Geoderma Regional*, 38: 1-10, e00851 (WoS Q2, Elsevier, Impact Factor 3.3) <https://doi.org/10.1016/j.geodrs.2024.e00851>
10. Anshumali, Rahul Kumar Pandey, Rahul Kumar Gupta, Sanchit Kumar (2023). Morphometric delineation of administrative boundaries and classification of threatened categories of small watersheds in transboundary rivers. *Scientific Reports*, 13: 1652 (WoS Q1, Nature Portfolio, Impact Factor 4.996) <https://doi.org/10.1038/s41598-023-28913-5>
11. Sanchit Kumar, Anshumali (2023). Biogeochemical appraisal of carbon fractions and carbon stock in riparian soils of the Ganga River basin. *Applied Soil Ecology*, 182: 104687 (WoS Q1, Elsevier, Impact Factor 5.509). <https://doi.org/10.1016/j.apsoil.2022.104687>
12. Tripti, Adarsh Kumar, Vipin Kumar, Anshumali (2022). Synergism of Industrial and Agricultural Waste as a Suitable Carrier Material for Developing Potential Biofertilizer for Sustainable Agricultural Production of Eggplant. *Horticulturae* 2022, 8(5): 444 (WoS Q2, MDPI, Impact Factor 2.923). <https://doi.org/10.3390/horticulturae8050444>
13. Amit Kumar Mishra, Anshumali (2021). Nature and sources of ionic species in rainwater during monsoon periods in and around sixteenth–seventeenth century CE monuments in Yamuna River basin, India. *Environmental Monitoring and Assessment* 193:86 (WoS Q3, Springer, Impact Factor 2.513). <https://doi.org/10.1007/s10661-021-08889-3>
14. Amit Kumar Mishra, Amit Mishra, Anshumali (2021). Geochemical characterization of bricks used in historical monuments of 14 – 18<sup>th</sup> Century CE of Haryana region of the Indian subcontinent: Reference to raw materials and production technique. *Construction and Building Materials* 269 (2021) 121802 (WoS Q1, Elsevier, Impact Factor 6.141). <https://doi.org/10.1016/j.conbuildmat.2020.121802>
15. Madavi Venkatesh, Anshumali (2020). Appraisal of the carbon to nitrogen (C/N) ratio in the bed sediment of the Betwa River, Peninsular India. *International Journal of Sediment Research*, 35(1): 69 -78 (WoS Q2, Elsevier, Impact Factor 2.902). DOI: 10.1016/j.ijsrc.2019.07.003

16. UK Singh, I Mukherjee, RP Singh, Anshumali, DK Kumari, PK Jha, P Mehta (2020). Characterization of heavy metal pollution in an anthropogenically and geologically influenced semi-arid region of east India and assessment of ecological and human health risks. *Science of the Total Environment*, 705(25): 135801 (WoS Q1, Elsevier, Impact Factor 7.963). DOI:10.1016/j.scitotenv.2019.135801
17. Narendra Singh, Ashish Kumar, Anshumali, Jaydeep Singh, Debashis Nath (2020). Observations on the distribution of precipitation over northern India using joint CloudSat, CALIPSO and TRMM measurements. *Remote Sensing Letters* 11(2): 117–126 (WoS Q2, Taylor and Francis, Impact Factor 2.583). DOI: 10.1080/2150704X.2019.1692388
18. Ashish Kumar, Narendra Singh, Anshumali (2019). Simulation and interactive approach based demonstration of pulse compression technique in atmospheric radar. *SN Applied Sciences* 1:1678 (Springer, Emerging Sources Citation Index). DOI: 10.1007/s42452-019-1737-0
19. Madavi Venkatesh, Anshumali (2019). A GIS-based assessment of recent changes in drainage and morphometry of Betwa River basin and sub-basins, Central India. *Applied Water Science* 9:157 (WoS Q2, Springer, Impact Factor 3.874). DOI: 10.1007/s13201-019-1033-6
20. Ashish Kumar, Narendra Singh, Anshumali Singh (2019). Observations on the distribution of clouds over northern India using joint CloudSat and CALIPSO measurements. *Remote Sensing Letters*, 10(6): 590–597 (WoS Q2, Taylor and Francis, Impact Factor 2.583). DOI: 10.1080/2150704X.2019.1587198
21. Bijendra Kumar, Anshumali (2019). Phosphorus fractionation in surface water and sediments of industrially polluted freshwater reservoir, India. *Chemistry and Ecology*, 35(3): 219-234 (WoS Q3, Taylor and Francis, Impact Factor: 2.239). DOI: 10.1080/02757540.2018.1554058
22. Chandravir Narayan, Anshumali, Bijendra Kumar (2019). Species-area Curves of Native Species in Sal Forest of Chota Nagpur Plateau, India. *Indian Journal of Science and Technology*, Vol 12(35): 1-9 (ISSN: 0974-6846). DOI: [10.17485/ijst/2019/v12i35/138770](https://doi.org/10.17485/ijst/2019/v12i35/138770)
23. Balakrushna Panda, Madavi Venkatesh, Bijendra Kumar, Anshumali (2019). A GIS-based approach in drainage and morphometric analysis of Ken River basin and sub-basins, Central India. *Journal of the Geological Society of India*, 93(1): 75-84 (WoS Q4, Springer, Impact Factor: 1.459). DOI: 10.1007/s12594-019-1125-9
24. Mishra AK, Anshumali (2019). Appraisal of rainwater characteristics in and around historical monuments of 16-18<sup>th</sup> century, Haryana, India. *International Journal of Global Science Research* Vol. 6(1): 879-889 (ISSN: 2348-8344). DOI: 10.26540/ijgsr.v6.i1.2019.115
25. Kumari Priyanka, Anshumali (2018). Quantifying total and labile pools of organic carbon in cultivated and uncultivated soils in eastern India. *Soil Research* 56(4): 413-420 (WoS Q3, CSIRO, Impact Factor: 1.99). DOI: 10.1071/SR17188
26. Kriti Shukla, Anshumali (2018). Soil micronutrient pools and their transfer to paddy-crops in semi-arid agro-ecosystems, Central India. *Soil and Tillage Research*, 180: 164-174 (WoS Q1, Elsevier, Impact Factor: 5.374). DOI: 10.1016/j.still.2018.02.017
27. Manu Mehta, Narendra Singh; Anshumali (2018). Global trends of columnar and vertically distributed properties of aerosols - inferences from 10-Year long Calip observations (September 2006-August 2016). *Remote Sensing of Environment*, 208:120-132 (WoS Q1, Elsevier, Impact Factor: 10.164). DOI: [10.1016/j.rse.2018.02.017](https://doi.org/10.1016/j.rse.2018.02.017)
28. Anshumali, Manish Kumar, Nikki Chanda, Abhay Kumar, Bijendra Kumar, Madavi Venkatesh (2018). Geochemical Assessment of Fluoride Pollution in Groundwater of Tribal Region in India. *Bulletin of Environmental Contamination and Toxicology*, 100(3): 421–429 (WoS Q3, Springer, Impact Factor 2.129). DOI: 10.1007/s00128-017-2267-3
29. Ashish Kumar, Narendra Singh, Anshumali, Raman Solanki (2018). Evaluation and utilization of MODIS and CALIPSO aerosol retrievals over a complex terrain in Himalaya. *Remote Sensing of Environment* 206: 139–155 (WoS Q1, Elsevier, Impact Factor: 10.164). DOI: 10.1016/j.rse.2017.12.019
30. Bhupendra Singh, Ruey-An Doong, Dheeraj Singh Chauhan, Ashutosh K. Dubey, Anshumali (2018). Synthesis and characterization of Fe<sub>3</sub>O<sub>4</sub>/Polythiophene hybrid nanocomposites for electroanalytical application. *Materials Chemistry and Physics* 205: 462-469 (WoS Q2, Elsevier Impact Factor 4.094). DOI: 10.1016/j.matchemphys.2017.11.040
31. Arindam Barman, Anshumali Singh, Prakash Chandra Gupta (2017). Antilithiatic and diuretic activity of Cucurbita moschata on ethylene glycol induced lithiasis in male albino Wistar rats. *Indian Journal of Animal Sciences* 88 (4): 407–411 (WoS Q4, ICAR, Impact factor: 0.440).

32. Arindam Barman, Anshumali (2017). Genetic diversity estimates in landraces of Pumpkin (*Cucurbita moschata* Duch.) from North Eastern Himalayan region of India using agro-morphological and molecular traits. Indian Journal of Agricultural Sciences 88 (1): 79–85 (WoS Q4, ICAR, Impact factor: 0.208).
33. Kriti Shukla, Bijendra Kumar, Rahul Agrawal, Kumari Priyanka, Madavi Venkatesh, Anshumali 2017. Assessment of Cr, Ni and Pb pollution in rural agricultural soils of Tonalite-Trondjemite Series in Central India. Bulletin of Environmental Contamination and Toxicology, 98(6): 856–866 (WoS Q3, Springer, Impact Factor 2.129)DOI: 10.1007/s00128-017-2085-7
34. Bijendra Kumar, Madavi Venkatesh, Anshuman Tripathi, Anshumali 2017. A GIS-based approach in drainage morphometric analysis of Rihand River Basin, Central India. Sustainable Water Resource Management 4(1); 45–54 (Springer, Emerging Sources Citation Index). DOI: 10.1007/s40899-017-0118-3
35. Arti Hansda, Vipin Kumar, Anshumali (2017). Cu resistant *Kocuria* sp. CRB15: a potential PGPR isolated from the dry tailing of Rakha copper mine. 3 Biotech, 7:132 (WoS Q3, Springer, Impact Factor 2.406). DOI: 10.1007/s13205-017-0757-y
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38. Tripti, Adarsh Kumar, Zeba Usmani, Vipin Kumar, Anshumali (2016). Biochar and flyash inoculated with plant growth promoting rhizobacteria act as potential biofertilizer for luxuriant growth and yield of tomato plant. Journal of Environmental Management, 190: 20-27 (WoS Q1, Elsevier, Impact Factor 6.789). DOI: 10.1016/j.jenvman.2016.11.060
39. Arti Hansda, Vipin Kumar, Anshumali (2016). A comparative review towards potential of microbial cells for heavy metal removal with emphasis on Biosorption and bioaccumulation. World Journal of Microbiology and Biotechnology, 32:170-183 (WoS Q3, Springer, Impact Factor 3.312). DOI: 10.1007/s11274-016-2117-1
40. Manu Mehta, Ritu Singh, Ankit Singh, Narendra Singh, Anshumali (2016). Recent global aerosol optical depth variations and trends — A comparative study using MODIS and MISR level 3 datasets. Remote Sensing of Environment 181: 137–150 (WoS Q1, Elsevier, Impact Factor: 10.164). DOI: 10.1016/j.rse.2016.04.004
41. Chandravir Narayan, Anshumali (2016). Elemental composition of Sal forest soils around Chhotanagpur Plateau, India. Chemistry and Ecology 32(6): 533-549 (WoS Q3, Taylor and Francis, Impact Factor 2.239). DOI: 10.1080/02757540.2016.1162296
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45. Chandravir Narayan and Anshumali (2016). Dispersion pattern of native species in Sal forests of Chhotanagpur Plateau, India. Current World Environment 10(2), 482-488 (ISSN: 0973-4929). DOI: 10.12944/CWE.10.2.12
46. Kumari Priyanka, Anshumali, Bijendra Kumar, Kriti Shukla (2016). Spatial Variation in Soil Organic Carbon and Moisture Content in Forest Soil around Jharia Coalfield, Dhanbad. Journal of Biodiversity and Environmental Sciences 9(1): 76-81 (ISSN: 2220-6663).
47. Arindam Barman, Rituparna Mitra, D.K. Singh and Anshumali (2015). Diversity among indigenous germplasms of melon (*Cucumis melo* L.) through seed protein profiling pattern. VEGETOS 28 (3): 01-07 (WoS listed without Q ranking, SOC Plant Research, Impact Factor: 0.042) DOI:10.5958/2229-4473.2015.00060.9
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50. Aasma Naaz Bijendra Kumar, Kriti Shukla, Chandravir Narayan and Anshumali (2015). Assessment of fluoride pollution in groundwaters of arid and semi-arid regions of Tonalite-Trondjemite series in Central India. *Water Quality, Exposure and Health* 7(4): 545–556 (WoS Q1, Springer, Impact Factor: 11.422). DOI: 10.1007/s12403-015-0171-9
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53. Chandravir Narayan and Anshumali (2015). Diversity indices and importance values of a tropical deciduous forest of Chhotanagpur plateau, India. *Journal of Biodiversity and Environmental Sciences*, 7(1): 358-367 (ISSN: 2220-6663).
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55. Anshumali, Rani M., Yadav S., Kumar A., (2014). Geochemical alterations in surface waters of Govind Ballabh Pant Sagar, Northern Coalfield, India. *Environmental Earth Science* 71:3181–3193 (WoS Q2, Springer, Impact Factor: 2.784). DOI: 10.1007/s12665-013-2706-3
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57. Shruti Mishra, Anshumali, (2014). Phytosociological analysis of native species in the Tropical Deciduous Forests around Jharia Coalfield, Eastern India. *International Journal of Applied Environmental Sciences* 9(4): 2243-2253 (ISSN: 0973-6077). DOI:10.37622/000000
58. Hansda A., Kumar V. Anshumali and Usmani Z. (2014). Phytoremediation of heavy metals contaminated soil using plant growth promoting rhizobacteria (PGPR): A current perspective. *Recent Research in Science and Technology* 6(1): 131-134 (ISSN: 2076-5061).
59. Tripti, Vipin Kumar, Anshumali, (2012). Phosphate solubilising activity of some bacterial strains isolated from chemical pesticide exposed agricultural soils. *International Journal of Engineering Research and Development*, 3(9): 1-16 (ISSN: 2278-800X)
60. A.T. Surendra, Anshumali, Gurdeep Singh, (2009). Prediction of plant species diversity by log-linear and power function models along the east coast region of India. *Tropical Ecology*, 50(1): 103 - 109 (WoS Q4, ISTE, Impact Factor: 0.850). [www.tropecol.com](http://www.tropecol.com)
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62. Anshumali, Ramanathan AL (2007). Phosphorus fractionation in surficial sediments of Pandoh Lake, Mandi district, Himachal Pradesh, India. *Applied Geochemistry*, 22: 1860-1871 (WoS Q2, Elsevier, Impact Factor: 3.524). DOI: 10.1016/j.apgeochem.2007.03.050
63. Anshumali, Ramanathan AL (2007). Seasonal variation in the major ion chemistry of Pandoh Lake, Mandi District, Himachal Pradesh, India. *Applied Geochemistry*, 22:1736-1747 (WoS Q2, Elsevier, Impact Factor: 3.524). DOI: 10.1016/j.apgeochem.2007.03.045
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### **Publications in Indian/International Society Journals:**

1. Ashish Kumar, Narendra Singh, and Anshumali Singh (2019). Signal analysis for ground based LiDAR. Research Journal of Engineering Sciences, 8(2): 17-22 [International Science Community Association].
2. Manu Mehta, Narendra Singh, Anshumali, M Mittal, M Gumber (2018). On vertical distribution of major aerosol types over different parts of Asia. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences 42: 553-555 [International Society of Photogrammetry and Remote Sensing (ISPRS), Germany].
3. Shukla Kriti, Kumar Bijendra, Naaz Asmaa, Narayan Chandravir, Singh Govind, Kumar Alok, AL. Ramanathan, Anshumali (2016). Phosphorus Fractions in Irrigated and Rainfed Agricultural Soils of Central India. Journal of the Indian Society of Soil Science 64(2), 148-156 [Indian Society of Soil Science (ISSS), New Delhi].
4. Mishra Shruti, Anshumali, (2014). Forest structure and diversity in the tropical deciduous forests of Jharia Coalfield, Jharkhand. The Indian Mining & Engineering Journal, 53(03), 14-18. (The IM & E Journal, Bhubaneswar).
5. Mishra Shruti, Anshumali, (2014). Identification of plant community structure in Tropical Deciduous forests around, Eastern India. The Indian Mining & Engineering Journal, 53(08), 14-18. (The IM & E Journal, Bhubaneswar).
6. Mishra Shruti, Anshumali, (2014). Dispersion pattern of legumes and non-legumes in the Tropical Deciduous Forests around Jharia Coalfield, Eastern India. Indian Journal of Tropical Biodiversity 22(1): 45-50. (Society for Promotion of Tropical Biodiversity: Tropical Forest Research Institute, Jabalpur).
7. Sengupta C., Anshumali, (2013). The height:diameter ratio dependent eecis of native plant seedlings: Implication in restoration of OB dumps. The Ecoscan, 3: 281-287 (National Environmentalists Association, Ranchi).
8. Anshumali, Rani M., Yadav S., Kumar A., (2012). Impact of Mining activities and Allied Industries on Geochemistry of Govind Ballabh Pant Sagar, Northern Coalfield, India. Journal Indian Geological Congress 4(1): 1-7 [Indian Geological Congress (IGC), Roorkee].
9. Tripathi P., Anshumali, (2011). Arsenic enrichment in groundwater of the Middle Gangetic plain, India. Minenvis, 69-70: 7-18 [Envis Center, Department of Environmental Science and Engineering, IIT(ISM) Dhanbad].
10. Dora, S. L. Maiti S.K., Tiwary, R.K., Anshumali, (2010). Algae as an indicator of river water pollution: A review. The Bioscan, 2: 413-422 (National Environmentalists Association, Ranchi).

### **Publications in International Conference:**

1. Anshumali, Rahul Kumar Pandey, Rahul Kumar Gupta, Roja Eliza, Sanchit Kumar (2025). Quantification and geospatial mapping of dugwells in disappearing dry tropical watersheds. Abstract accepted, [Paper ID 425], In: 10<sup>th</sup> International Groundwater Conference 2025- Groundwater Vision 2047: Towards Water Security Under Changing Climate, March 05-07, 2025, NIH Roorkee, India.
2. Anshumali, Apporva Singh, Roja Eliza, Rahul Kumar Pandey, Rakesh Kumar (2025). Water quality and geochemical assessment of terracotta dugwells: an implication in restoration and conservation of ancient civilization. Abstract accepted, [Paper ID 425], In: 10<sup>th</sup> International Groundwater Conference 2025- Groundwater Vision 2047: Towards Water Security Under Changing Climate, March 05-07, 2025, NIH Roorkee, India
3. Rosa Eliza, Anshumali (2025). A small watershed approach to ecosystem services and associated river health assessment. Abstract accepted [Paper ID: 25], In: International Conference on River Resilience: Environmental Flows to River Health through the Lens of Ecosystem Services" (ICRR 2025), 27 Feb-01 March 2025, NIT Calicut and TU Delft, Kerala, India.
4. Nguyen Thanh Van, Sanchit Kumar, Rahul Kumar Pandey, Roja Eliza, Rahul Kumar Gupta, Anshumali (2023). Remote sensing and GIS-based assessment of the Dehgaon-Bamori forest range: An implication in restoration and conservation of Betwa River Basin, Central India (Abstract reference no.: O4.1). 6<sup>th</sup> Ecosummit, GoldCost, Australia 2023.
5. Varsha B, Rahul Kumar Pandey, Sanchit Kumar, Roja Eliza, Rahul Kumar Gupta, Nguyen Thanh Van, Anshumali (2023). Carbon sequestration modelling of the coal mining industries in NCL region using InVEST (Abstract reference no: O63.6). 6<sup>th</sup> Ecosummit, GoldCost, Australia 2023.
6. Ashish Kumar, Narendra Singh, Anshumali (2019). Study on cloud types distribution over northern India using raDAR-liDAR (DARDAR). URSI AP-RASC 2019, New Delhi, India, 09 - 15 March 2019. doi: 10.23919/URSIAP-RASC.2019.8738690.
7. Narendra Singh, Ashish Kumar, Anshumali, Chandra Prakash, Chhavi P. Pandey (2019). Study on the satellite and ground based aerosol measurements over Himalayan region. URSI AP-RASC 2019, New Delhi, India, 09 - 15 March 2019. doi: 10.23919/URSIAP-RASC.2019.8738218.

8. Ashish Kumar, Madavi Venkatesh, Anshumali 2018. The study on geochemistry of surface water in Singrauli region, India. Indo-US bilateral workshop on Water-Food-Energy-Climate nexus: A perspective towards a sustainable future 2018, WFEC-2018, IESD, BHU, Varanasi.
9. Shukla K., Anshumali, (2014). Review on biogeochemistry of some micronutrients in agricultural soils, India. In: Tropical Ecosystems in Changing World, Tropical Ecology Congress, 10-12<sup>th</sup> December 2014, Jawaharlal Nehru University New Delhi-110067.
10. Narayan C., Kumar A., Ghritlahre M.K., Anshumali, (2014). Structure and floristic composition of tropical deciduous forests around Bokaro district, Jharkhand, India. In: Tropical Ecosystems in Changing World, Tropical Ecology Congress, 10-12<sup>th</sup> December 2014, Jawaharlal Nehru University New Delhi-110067.
11. Tripti, Vipin Kumar, Anshumali, (2012). Bio-formulation and Shelf-life Studies of Phosphate Solubilizing Inoculants in Different Carriers In: International conference on Anthropogenic Impact on Environment and Conservation Strategy, November 2 – 4, 2012, Organised by Department of Biosciences, St. Xavier's College, Ranchi In collaboration with National Environmentalists Association, India, Ranchi, Jharkhand.
12. Shruti Mishra, Chandravir Narayan, Anshumali, Vipin Kumar, (2012). The study on phytosociology of plant species in tropical dry deciduous forests of Jharia Coalfield, Jharkhand, India. In: International conference on Anthropogenic Impact on Environment and Conservation Strategy November 2 – 4, 2012, Organised by Department of Biosciences, St. Xavier's College, Ranchi In collaboration with National Environmentalists Association, India, Ranchi, Jharkhand.
13. Anshumali, P. Tripathi, (2012). Arsenic enrichment in groundwater of the Middle Gangetic Plain, India. In: The Fifth International Scientific Conference BALWOIS 2012, Ohrid, Republic of Macedonia, 28th May to 2nd June 2012.
14. S.K. Yadav, M. Rani, Anshumali, (2011). Geochemistry of Arsenic in Indo-Gangetic Plain: A Review. In: 14th International Conference of International Academy of Physical Sciences (CONIAPS-XIV), Sardar Vallabhbhai National Institute of Technology, Surat, December 22-24, 2011.
15. Anshumali, (2011). Ecological amplitude of five tropical deciduous species in restoration of mined out areas in Jharia Coalfield, India. In: Golden Jubilee International Conference on Technological Challenges and Management Issues for Sustainability of Mining Industries (TMSMI 2011), 4<sup>th</sup> to 6<sup>th</sup> August, 2011 at N. I. T. Rourkela.
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