

CURRICULAM- VITAE



Name **DR. SANDEEP ARYA**

Present Position: **Assistant Professor and Head**
Institute of Environment and Development Studies,
Bundelkhand University)-Jhansi-284128.
Mobile No: +919795868863
Email: drsanarya@rediffmail.com

Date of Birth 10 April 1977

Nationality Indian

Language Known: English, French, Hindi, Punjabi

Educational Qualification:

Level	Degree	Institute/University	Year	Subject with major field
Matriculation	10 th	Haryana Board	1990	Science, Eng, S.S.
Graduation	B.Sc. (Bio)	Kurukshetra Uni. Kurukshetra	1997	Zoology,Botany, Chem,
Masters	M.Sc. (Env.Sciences)	G.J.US&T, Hisar	1999	Env.Poll, EIA, Poll.Mgt.etc.
Masters	M.Tech (Env.Sc.&Engg)	Do	2001	Environmental Engineering
Ph.D*	Submitted (2008) in Environmental Sciences	Bundelkhand University, Jhansi	2010	Environmental Science
Post Graduate Diploma	Industrial Safety Management	G.J.US&T Hisar	2013	Risk Assessment, Env.&Safety Mgt., etc.
Certificate Course	-	G.J.U, Hisar	1999	French
NET	-	ASRB (ICAR), New Delhi	2000,2001	Environmental Science
NET		UGC, New Delhi	1999,2001	Environmental Science

*Ph.D thesis title: **“Impact of mining activities on land-use in Bundelkhand region”**

Employment Record & Experience (Starting from present position)

Designation	Nature of Work	Organization	Institution & Place of posting	Period
Lecturer	Teaching & Research	Bundelkhand University, Jhansi	Jhansi (UP)	Aug.28 th , 2003 to till date
Guest Faculty	Teaching & Research	Guru Jambheshwar University, Hisar	Hisar (Haryana)	Aug.1 st ,2003 to Aug.27 th , 2003
Project Associate	Research	Do	Do	April.1 st ,2001 to April.1 st , 2002

Teaching Experience: 12 years

Postgraduate experience: 12 years

Undergraduate experience: 12 years

Guided Research- 25

Under my Supervision the following number of Dissertations have been successfully completed-

M Phill. Dissertation-18

Name of Student	Research Title	Academic Year
Madhaullica Raikwar	Water quality assessment of Luxmi Tall.	2009-10
Chanchal	Effect of ash disposal from Parichha thermal power station on ground and river water Quality, Jhansi.	2010-11
Neetu Verma	Groundwater quality assessment of Jhansi City, Jhansi.	2010-11
Archana Devi	Comparative study of water quality assessment between two check dam Parichha & Sunkuwa & Dhukunwa.	2010-11
Muzaffar Ahmad Mir(Co-guide)	Assessment of heavy metals in our edible food items (Srinagar), Kashmir.	2010-11
Abdul Rashid Bhat (Co-guide)	Physico-chemical analysis of Anchar Lake in Srinagar	2010-11
Richha Gupta	Assessment of water quality ogf Ganga river in Kanpur city	2011-12
Smmita Schhan	Assessment of groundwater quality in Kanpur city	2011-12
Nazia Raffic (Co-guide)	Phytosociological Study of Madhuca longifolia Type Forests of Mirzapur Region	2011-12
Jitender Kumar	Assessment of Heavy metals in seasional vegetables in Jhansi city.	2011-2012
Anup Yadav	Evaluation of groundwater quality of rural villages of Moth tehsil of Jhansi district	2012-13
Rashmi Yadav	A comparative study of assessment of water quality	2012-13

	between drinking and waste water of Lalitpur city	
Amita Yadav	Assessment of heavy metals in Wheat (<i>Triticum astivum</i> L.) due to crusher mining activities in Bundelkhand region	2013-14
Abhishek K.Srivastava	Evaluation of Ambient air quality in Jhansi	2013-14
Arti Kumari	Bioaccumulation of heavy metals in Fish (cattla and Rohu) organs in Bundelkhand region	2013-14
Ravi Kant		2014-15
Soubhagya Singh		2014-15
Gowhar Ramzan		2014-15

M.Tech Dissertation-3

Name of Student	Research Title	Academic Year
Sudhir Kumar Bharti	Environmental Aspect of Biodiesel Use	2003-2005
Brijender Singh Yadav (Co-guide)	Environmental Magnetism of River Profile Sediments- An Implication to Post-Depositional Process and Climatic Change	2004-2006
Milan	Post-Watershed Impacts of Shenit Watershed Project District Ahmednagar, Maharashtra	2004-2006

M.Sc Dissertation-9

Name of Student	Research Title	Academic Year
Arshad Ali	Effluent and Sludge Treatment and Its Disposal	2004-2006
Rishabh Kumat Tripathi	Microbial Bioremediation of Fly Ash	2004-2006
Minakshi Raghuwanshi	Assessment of Heavy Metal Contamination in the Environment due to Irrigation from Sharda Shayak Canal: A Case Study	2004-2006
Rupica	Mininig Status in Jhansi	2005-2007
Puja Arora	Mining Status in Mahuranipur	2005-2007
Semi Ullah- Quadir	Water Quality Status of Dal lake	2005-2007
Asif Hussain Mallic		2014-15
Neha Verma		2014-15

In- Service Awards/Recognition

Name of the Award/ Recognition/Reviewer	Awarding Organization (Place/Country)	Year	National/International, Institutional/Professional Society	Individual/collaborative

Practical Examiner for PG & UG	BU, Jhansi, India	2003 to till date	Institutional	Individual
Paper setter and evaluator for PG and UG level	BU, Jhansi, and other universities	2003 to till date	Institutional	Individual

LIST OF RESEARCH PUBLICATIONS: 29

1. **Sandeep Arya**, Krishan Kumar,R.S.Khoyangbam, and Vinit Kumar (2006) Hearing Threshold on Personal with Different Occupations. Environmental Conservation Journal, an International Journal, 7(3) 31-35(ISSN 0972-3099) **Impact Factor: 0.523**
2. R. S. Khoyangbam, Vinit Kumar and **Sandeep Arya** (2006) Social Cost Benefit Analysis of Sultalpur National Park, Haryana. Environmental Conservation Journal, an International Journal, 7 (3) 15-20(ISSN 0972-3099) **Impact Factor: 0.523**
3. **Sandeep Arya** (2008). Bovine Milk Adulteration with Synthetic Milk during the Summer Season in Haryana, India. Progressive Research, an International Journal. 3(2):139-142(ISSN 0973-6417)
4. Ashwani Arya, **Sandeep Arya** and Nidhi Katiyal (2010) Air pollution and Cardiovascular Diseases. Proceeding of National conference on Environmental Degradation. Effects, challenges& remedies. Feb 25-27, 2010. (ISO 9001:2008)
5. **Sandeep Arya**, Rachna Soni, and Vinit Kumar (2010) Irrigation pattern in District Datia, Madhya Pradesh- An assured means of improving agricultural land productivity. Indian Journal of Environmental Sciences 14(2) 2010, pp169-172 (ISSN 0971-8958)
6. Vinit Kumar, **Sandeep Arya**, Preeti Sonkar, Minakshi, Anshu Dhaka and Chanchal (2011). Water Quality Status of Historical Antiya Tall at Jhansi City as a Primary Data for Sustainable Approach. Recent Research in Science & Technology, an International Journal 3(8): 52-55. (ISSN 2076-5061)
7. **Sandeep Arya**, Vinit Kumar,MadhullicaRaikwar, Anshu Dhaka and Minakshi (2011). Physico-chemical Analysis of selected surface water samples of Laxmi Tal (Pond) in Jhansi City, UP, Bundelkhand region, Central India. Journal of Experimental Sciences, an International Journal 2(8): 01-06 (ISSN 2218-1768)
8. Vinit Kumar, **Sandeep Arya**, Anshu Dhaka, Minakshi and Chanchal (2011). A Study on Physico-chemical Characteristics of Yamuna River aroundHamirpur(UP),Bndelkhand Region Central India. International Multidisciplinary Research Journal 1 (5): 144-16 (ISSN 2231-6302)
9. **Sandeep Arya**, Vinit Kumar, Minakshi and Anshu Dhaka (2011). Assessment of underground water quality: A case study of Jhansi city, Uttar Pradesh, India. International Multidisciplinary Research Journal 1(7): 11-14 (ISSN 2231-6302)
10. Ashwani Arya, **Sandeep Arya** and Minakshi Arya (2011). Chemical carcinogens and cancer risks: A Review. Journal of Chemical and Pharmaceutical Research 3(5):621-631(ISSN 0975-7384)
11. **Sandeep Arya** and Vinit Kumar (2011). A Case Study on Agricultural Land-use pattern and Land cover Changes in Jhansi district, Bundelkhand Region, Central India. Indian Journal of Environmental Sciences 15(1):7-10 (ISSN 0971-8958)

12. **Sandeep Arya**, Vinit Kumar and Sudarshana Sharma (2012). Analysis of water quality parameters of Groundwater in and around Diomand Cement Industry, Jhansi. International Journal of Current Research vol.4, (03), 075-77 (ISSN 0975-833X)
13. A.K.Pathak,M.M.Singh, V.Kumar and **S.Arya** (2012). Assessment of Physico-Chemical Properties and Microbial Community during Compositing of Municipal Solid Waste (Viz. Kitchen Waste). Recent Research in Science & Technology, an International Journal Vol. 4 (4), 10-14 (ISSN 2076-5061).
14. Sudarshana Sharma, Parmanand Sharma, Vinit Kumar, **Sandeep Arya**, Kamini and Sourabh Gupta (2012). Effect of Seasional Variation in Major ion chemistry of Pahuj lake of Jhansi District, Utter Pardesh.Integrated Journal of Environmental Science (communicated).
15. Krishna Kumar Yadav, Neha Gupta, Vinit Kumar, **Sandeep Arya** and Sourabh Singh (2012). Analysis of selected ground water samples of Agra city. Recent Research in Science & Technology, an International Journal Vol. 4 (11), 51-54.(ISSN 2076-5061).
16. **Sandeep Arya** and Richa Gupta (2013). Water Quality Evaluation of Ganga river from Up to Downstream Area at Kanpur City. Journal of Chemistry and Chemical Sciences an International Journal Vol.3 (2), 54-63 (ISSN 2319-7625)
17. **Sandeep Arya**, Archana Devi and Vinit Kumar (2013). A Comparative Study of Water Quality Assessment between Parichha and Sukma Dukma Dam. International Journal of Applied Engineering Research Vol.4 (IV), 45-50. (ISSN 0976-3945).
18. Jitender Kumar, Jitender Kumar Singh and **Sandeep Arya** (2013). Level of heavy metal concentrations in some leafy vegetables locally available in the markets of Jhansi city, Bundelkhand Region. International Journal of Advance Scientific and Technical Research Vol.4 (3) 470-477 (ISSN-2249-9954) **Impact Factor: 2.98**
19. **Sandeep Arya** and Jamshed Jaidi (2014). Groundwater quality assessment of Kanpur city using water quality index. American Journal of Sustainable Cities and Societies Vol.1(3) 103-111 (ISSN-2319-7277) **Impact Factor: 2.87**
20. Mansoor Ahmad, **Sandeep Arya**, Bliquis Ara and Dherender Singh Chauhan (2014). Monthly variation of Physico-chemical characteristics of Wular lake, Srinagar. Journal of Chemistry and Chemical Sciences an International Journal Vol.4 (2), 76-83 (ISSN 2319-7625)
21. **Sandeep Arya**, M.M. Singh, Vinit Kumar and Smriti Tripathi (2014). Characterzation of ground water quality in granite mining region using multivariate satistical methods. International Journal of Environmental Science and Technology (Communicated)
22. Minakshi, CP Koushik and **Sandeep Arya** (2014). Removal of Hexavalent Chromium from Aqueous Solutions using Sawdust as a low cost Adsorbent. International Journal of Advance Research in Science and Technology Vol. 3 (2), 99-105 (ISSN 2320-1126)
23. **Sandeep Arya**, Anoop Yadav, Dherender S.Chouhan and Jamshed Jaidi (2014). Analysis of ground water samples collected from Moth Block of Jhansi district. International Journal of Development Research Vol.4 (11), 2172-2174 (ISSN 2230-9926)

24. Smriti Tripathi, Brijesh Kumar Saroj and **Sandeep Arya** (2014) A Statistical method for source apportionment of soil pollution. Bulletin of Environmental Contamination and Toxicology (Communicated).
25. Krishan Kumar Yadav, Neha Gupta, Vinit Kumar, Sudarshana Sharma and **Sandeep Arya** (2015) Water quality assessment of Pahuj River using water quality index at Unnav Balaji, M.P. India. International Journal of Sciences: Basic and Applied Research (ISSN 2307-4531). **Impact Factor: 0.45**
26. Sudarshana Sharma, Krishan Kumar Yadav, Neha Gupta, Chanchal Verma, Vinit Kumar and **Sandeep Arya** (2015) Effects of seasonal variation on major ion chemistry of Pahuj Reservoir, Jhansi, Uttar Pradesh, India. Universal Journal of Environmental Research and Technology. Vol.5(2), 79-89
27. Shubham Kanchan, Vinit Kumar, Krishna Kumar Yadav, Neha Gupta, Sandeep Arya and Sudarshana Sharma (2015) Effect of fly ash disposal on groundwater quality near Parichha Thermal Power Plant, Jhansi: A case study. Current World Environment Vol.10 (2), 572-580 (ISSN 0973-4929)
28. RajLuxmi, **Sandeep Arya**, Ayasha Siddiqui and Suren Das (2105) Assessment and Impact of water quality of Yamuna River due to industrial effluents: A Review. International Journal of Current Research (Accspted).
29. Abhishake Kr.Shrivastava, **Sandeep Arya**, Smriti Tripathi, Rajluxmi and Jamshed Jaidi (2015) Air Quality Monitoring at Some Selected Traffic Junction of Jhansi, Central India. Environment and Resource Conservation Journal (Communicated).

Book Chapter Published

1. **Sandeep Arya** and Minakshi (2011) Wetlands Conservation: A Review in the book entitled Biological Diversity and Its Conservation, Edited by Dushyant Kr. Sharma and R.P. Singh.
2. **Sandeep Arya**, Menakshi, Kanti Singh and Kapil Janjua (2005) An Over View of Environmental System and Forensic Engineering in the book entitled Recent Advances in Forensic Science& Immunology, Edited by P. K. Janjua.

Abstract Published

Sandeep Arya and C.P Koushik	2003	Bovine Milk Adulteration with Synthetic Milk during Summer season in Haryana	abstract published in National Seminar on Environmental Technology Sep. 2003, Guru Jambheshwar University, Hisar.Haryana
Vinit Kumar, Khoiyanbam, R.S., Arya, Sandeep and Sudarshana, C. and Poonum Mehrotra	2005	Waste Land Restoration Through <i>Jatopha Curcusa</i> L., Plantation	National Conference on Management of Land Resources & Land-use Towards Sustainable Development, Bundelkhand University, Jhansi. (UP) India. October 18-19,2005
Khoiyanbam, R.S., Sandeep Arya , Vinit Kumar and Santaram S. Oinam	2005	Changes in Institutional Land Use and Land Cover : A Case Study of Jhansi District, Utter Pardesh, India.	National Conference on Management of Land Resources & Land-use Towards Sustainable Development, Bundelkhand University, Jhansi. (UP) India. October 18-19,2005
Sandeep Arya , Vinit Kumar and M. M. Singh	2010	Impact of groundwater pollution due to mining activities in Bundelkhand region of Utter Pardesh, India	Ind international conference on "Climate Change and Sustainable Management of Natural resources" 5 th -7 th Dec, 2011. ITM Universe Gwalior, M.P.
Vinit Kumar, Amit Pal, Sandeep Arya , Anshu Dhaka and Sudarshana Sharma	2010	Impact of modern agriculture on environment think about sustainable agriculture	Ind international conference on "Climate Change and Sustainable Management of Naural resources" 5 th - 7 th Dec, 2011. ITM Universe Gwalior, M.P.
Sandeep Arya, M.M.Singh and Vinit Kumar	2011	Impact of Land use due to opencast Granite mining in Jhansi district of Bundelkhand Region, Central India	National Symposium on Integrated Faerming Systems for Sustainable Agriculture- Challenges and Opportunities, Feb. 19-21, 2011
Sandeep Arya , Neetu Verma,	2012	Assessment of drinking water quality in Jhansi	IIIrd International conference on "Climate Change and Sustainable

Chanchal, Vinit Kumar and Sudarshana Sharma		city, Central India	Management of Natural resources” Feb. 05-07, 2012. ITM Universe Gwalior, M.P.
Sandeep Arya, Richha Gupta, Vinit Kumar and Sudarshana Sharma	2014	Impact of Industrial pollution in surface water of Ganga river in Kanpur city	4 th International conference on “Climate Change and Sustainable Management of Natural resources” ITM Universe Gwalior, M.P. Feb.12-14, 2014

Papers Presented / Invited Lecture in Conferences/Seminars/Symposium: 23

Sr.No.	Title of Paper presented	Conference/Seminar	Year
1	Bovine milk adulteration: A study of health risks of synthetic milk in Haryana.	International Conference on Recent Advances in Biomedical and Therapeutic Sciences, Bundelkhand University, Jhansi. (UP) India.	Jan 13-15, 2004.
2	Agricultural land-use in Bundelkhand Region	National Seminar on Management of Land Resources & Land-use Towards Sustainable Development, IEDS, Bundelkhand University, Jhansi. (UP) India.	October 18-19, 2005
3	Role of Environmental Sciences in the investigation of Crime.	International Conference on Modern Trends in Forensic Science, Bundelkhand University, Jhansi. (UP) India.	13 th -15 th February 2005
4	Assessment of Water quality parameters of Sukma-Duma, the Check Dam	National Seminar on Bioremediation and Environmental Toxicology organized by Institute of Environment & Development, Bundelkhand University, Jhansi. (UP) India.	19 May, 2005
5	Socio-Economic & health impacts in Bundelkhand Region	A Symposium on Disaster Reduction: For Environment & Human Security, Institute of Environment & Development Studies, Bundelkhand University, Jhansi (UP).	May 19, 2006.
6	The Depletion of Ozone layer	Symposium on World Ozone Day organized by Institute of Environment & Development, Bundelkhand University, Jhansi. (UP) India.	20 th Sep., 2007
7	Impact of Groundwater Pollution due to Mining Activities in Bundelkhand Region of	II nd International Conference on Climate change and Sustainable Management of Natural Resources organized by MP Council of Science &	December 5-7, 2010

	Uttar Pardesh, India	Technology, Bhopal.	
8	Impact of Crusher Mining on Live-stock in Bundelkhand Region.	National Seminar on Biological Diversity and Its Conservation at Govt. P.G. College, Morena (MP) organized by ITM Universe- Gwalier, MP.	Dec 5-7, 2010
9	Impact on Land-use due to Mining Activities- A Case Study in Bundelkhand Region, Central India.	National Symposium on Geology and Mineral Resources of Bundelkhand Craton & 15 th Annual Congress of the South Association of Economic Geologists organized by BU, Jhansi. UP.	08-10, Oct. 2010
10	Indoor Air Pollutants and Its Effects.	National Conference on National Conference on Emerging Trends in Chemical Sciences organized by Department of Chemistry, Bundelkhand University, Jhansi. (UP) India.	24-26 Feb, 2010
11	Impact on Land-use due to opencast granite mining in Jhansi District.	National Symposium on Integrated Framing Systems for Sustainable Agriculture-Challenges and Opportunities organized by Institute of Agricultural Sciences, BU, Jhansi.	Feb, 19-21, 2011
12	Major Causes of Recent Global Warming – CFC Destruction of Ozone	National Symposium on Sustainable Development: Environment and Socio-Economic Challenges organized by Academy of Environmental Biology and Institute of Environment & Development, Bundelkhand University, Jhansi. (UP) India	Oct, 14-16, 2011
13	Changing Form of Women in Current Scenerio.	National Seminar on Empowering the Women: Contemporary Issues, Challenges, Strategies & Intervention organized by MASVAN (Men's Action for Stopping Violence Against Women), Lucknow.	Feb.27-28, 2011.
14	Assessment of drinking water quality in Jhansi city, Central India	III rd International conference on "Climate Change and Sustainable Management of Natural resources" ITM Universe Gwalior, M.P.	Feb. 05-07, 2012.
15	Impact of granite mining on soil quality of Jhansi, Central India	3 rd International Conference on Precambrian Continental Growth and Tectonism, Department of Geology, Bundelkhand University, Jhansi. (UP)	23-26 Nov., 2013

		India	
16	Effect of air pollution on biodiversity of Jhansi city.	BIOCAN-2013 National Seminar on Biodiversity: Ecological Security and Sustainable Utilization of Natural Resources, Department of Botany, Bipin Bihari College, Jhansi (UP) India	08 to 10/04/ 2013
17	Impact of Industrial pollution on surface water of Ganga river in Kanpur city	4 th International conference on “Climate Change and Sustainable Management of Natural resources” ITM Universe Gwalior, M.P.	Feb.12-14, 2014
18	Water Pollution: A Problem and Management (Invited Lecture)	Deptt. Of Botany, RBS College, Agra, UP	March 30-31, 2014
19.	Impact of heavy metals on plant pigments with relation to physicochemical characteristics of soil quality of bundelkhand region	Asian Plant Science Conference , Sidharthnagar, Nepal	Nov.1-3, 2014
20	Investigation of heavy metals in different food plants: A case study in Kashmir region	36 th Indian Geography Congress, Jaipur on Urban Systems, Rural Livelihoods Security and Resource Management	Nov. 17-19, 2014
21.	Land Resources and Its Diversions in Bundelkhand Region (Invited Lecture)	Land Use Status in Bundelkhand Region	Nov.28 th , 2014
22	Organic farming : A sustainable approach to environment (Invited Lecture)	Deptt. Of Botany, RBS College, Agra, UP	March 14-15, 2015
23.	Effect of Lead nutritional status on leaves, shots and pods of triticum aestivum L.	5 th International conference on “Climate Change and Sustainable Management of Natural resources” ITM Universe Gwalior, M.P.	Feb., 9-11, 2015
24	The concept of Modern Approach of Research (Invited Lecture)	National Conference on Research Methodology organized by Bed Deptt., Bundelkhand University, Jhansi	March 22, 2015

Organizing of Winter School/Summer School/ Refresher Course/Seminar/Symposium					
Name of the programme organized	Level of participation	Title	Year	Duration	Funding agency
National Conference	Organizing committee member	Management of Land Resources & Land use towards Sustainable	2005	2 days	Land use board UP Govt.
National Symposium	Poster presentation committee member	Integrated farming system for agriculture-challenges and opportunities	Feb.2011	3 days	ICAR, UGC etc.
National Symposium	Organizing committee member	Emerging trends in chemical sciences	Feb 2010	3 days	DST, DBT, Earth Science, DRDO etc.
National Symposium	Organizing committee member	Sustainable Development: Environment & Socio-economic Challenges	14-16 Oct.2011	3 days	DST

Member of Learned Bodies:

- ▶ Life Member of Indian Science Congress, Calcutta
- ▶ Member of International Society of Environmental Botanist, Lucknow
- ▶ Member of Action for Sustainable, Efficacious Development and Awareness (ASEA), India
- ▶ Member of Society for Scientific Development in Agriculture and Technology Jhansi (U.P) India

Foreign Visit

Sidharthnagar, Nepal to present a paper in Asian Plant Science Conference from **01 to 03 Nov., 2014**

Training Programme:

Training attended in the relevant field of specialization (Mention Title, Duration, Institution, location etc.)			
Title	Duration	Institution	Year
NSS PO Training	7 days 1-7 th Feb., 2015	Saint Jones College, Agra, UP	2015
LEAD-er: Lead Educator capacity Building in organizing lead awareness	1 day 5 th Nov	NRCLPI, Banglore	2008

Intensive training programme on Disaster Management	6 days 7 th -12 th Aug.	Science Center, Jhansi	2008
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Other Programme-

Title	Duration	Institution	Year
Refresher Course	21 days, 2 nd March-22 st March, 2012	ASC University of Rajasthan, Jaipur	2014
Refresher Course	21 days, 2 nd July-21 st July, 2012	ASC HP Univ., Shimla	2012
Orientation Programme (UGC)	28 days, 20 th June-16 th July	ASC HP Univ., Shimla	2011
NSS Camp	10 days, 19 th -28 th Aug.	Kurdi, Hisar (Haryana)	1997

Expert as a Project Evaluator in MP Council of Science and Technology

1. Modeling of soil behavior change due to groundwater level variation for rural water resource management (21st August, 2014).
2. Importance of reforestation and ecotourism of forest in MP (21st August, 2014).

Participated/Attended in Conferences/Seminar/ Workshop: 19

- Participated in National Symposium on Sustainable Development: Environment and Socio- Economic Challenges organized by IEDS, Bundelkhand University, Jhansi(UP). Oct. 14-16, 2011.
- Participated in Workshop on Accelerator Mass Spectrometry organized by Inter-University Accelerator Centre, New Delhi. Sep. 15, 2011.
- Participated in National Conference on Emerging Trends in Chemical Sciences organized by Chemistry Deptt., BU, Jhansi. UP.24-26 Feb, 2010.
- National Symposium on Geology and Mineral Resources of Bundelkhand Craton & 15th Annual Congress of the South Association of Economic Geologists organized by BU, Jhansi. UP.08-10, Oct. 2010.
- Participated in Kepler-2008 (26-27) February organized by J.C. Bose Institute of Life Sciences, Bundelkhand University, Jhansi. (U.P).
- Attended in A Scientific and Technical Views related to Water Pollution Conservation and Groundwater level, B.B.C, Jhansi, Jan 12-13, 2008 (Organized by Scientific and Technical Shabdawali Commission, HRD Ministry, New Delhi).
- Attended Workshop on the Role of Census, Institute of Economics & Finance, Bundelkhand University, Jhansi.UP. March 27th, 2006.
- Participated in Management of Land Resources& Land-use Towards Sustainable Development, IEDS, Bundelkhand University, Jhansi. (UP) India. October 18-19, 2005.

- Attended National Seminar on Phytoremediation & Environmental Toxicology on 19May 2005.
- Participated International Conference on Recent Advances in Biomedical and Therapeutic Sciences, Bundelkhand University, Jhansi. (UP) India. Jan 13-15, 2004.
- Attended National Seminar on Emerging Environmental Issues And Technological Challenges. Guru Jambheshwar University, Hisar. (Haryana) India. Sep 1-2, 2003.
- Attended Patent Awareness Workshop held on 25th August 2001 organized by DST-GOI Through Their Patent Information Center (PIC) established at Punjab State Council for Science @Technology, Chandigarh at Department of Environmental Science and Engineering, Guru Jambheshwar University, Hisar.

Administrative Experience

(A) Participated in Institutional Activities

Type of Activity	Nature of participation
Appointed in UFM committee-2010	Member
Appointed in security committee-2010	Member
Appointed in departmental purchase committee-2008	Member
Appointed in Flying Squad Committee-2009	Member
Associated with examination evaluation programme-2009-10	Member
Appointed in Flying Squad Committee-2013	Member

(B) Institution Building Activities

		Level of Involment
1.	Coordinator , Institute of Environment & Development Studies, BU from 24 th July, 2014 to till date	Coordinator
2	Programme Officer , NSS (University Campus), 31 st Jan, 2013 to till date.	Programme Officer (NSS)
3.	Associated with Nirvachan Ayog, Utter Pardesh, 2014	District Sweep Coordinator
4	Nominated by Vice-Chancellor in Youth Festivals in the University as well as in North Zonal Youth Festivals and Inter University Youth Festivals from 2004 to till date	Convener and Co convener in theater events
5	Coordinator and Member of the maintenance and establishment of computer Lab (Alumini Building, BU), Dec, 2011 to till date	Coordinator
6	Conducted board of studies 2005 to 2013	Member
7	Conducted educational tour 2008 to 2012	In- charge
8	Member of University Examination and Evaluation Committee, 2010	Checking Assistant
9	U.P. B.Ed. Entrance Examination, 2010 and 2011	Observer (Jhansi)

10	U.P. B.Ed/BPEd Examination, 2006	Observer (Hamirpur)
11	U.P. CPMT Entrance Examination, 2011	Centre Representative (RML, University, Faizabad Affiliated College)
12.	U.P. B.Ed Entrance Examination, 2014	University Representative (Gonda UP)

Date:

Dr. Sandeep Arya