

Personal Information



Name : Ajay Vikram Ahirwar

Designation : Assistant Professor

Department : Civil Engineering

Education :

Degree	Institute	Board/University	Year of Passing	Grade/Percentage
Doctorate (PhD in Environmental Engineering)	NIT Raipur	NIT Raipur	Pursuing	
Master's (M.Tech. in Environmental Engineering)	S.G.S.I.T.S Indore	RGPV Bhopal	2003	74.15
Bachelor's (B.E. in Civil Engineering)	Indira Gandhi Engineering College (IGEC), Sagar m.p.	Dr. H.S. Gour University, Sagar M.P.	2000	70.10
High School Examination (10 th Standard)	Jawahar Navodaya Vidyalaya Khiriya Devat Distt. Guna M.P.	C.B.S.E	1994	65.00

Area of Interest : Air Pollution Monitoring, Solid Waste Management, Water & Waste water Treatment

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PAPER PUBLISHED IN INTERNATIONAL / NATIONAL

1. Ahirwar A. V. and Bajpai S. (2015) "Assessment of Noise Pollution during Deepawali festival in Raipur City of Chhattisgarh, India" Proceedings of international conference: "International Conference on Chemical, Environmental, and Biological Sciences" organized by International Institute of Chemical, biological & Environmental Engineering, pp 105--107. (ISBN: 978-93-84422-11-0)
2. Ahirwar A. V. and Bajpai S. (2014) "A Reduction in Environmental Degradation and Disaster Vulnerability through Sustainable Urban Planning" Proceedings of international conference: "Sustainable Development Conference 2014" Tomorrow People Organization, pp 16-23. (ISBN: 978-86-87043-23-7)

PAPER PUBLISHED IN INTERNATIONAL / NATIONAL CONFERENCES

1. Ahirwar A. V. and Bajpai S. (2015) "Assessment of Noise Pollution during Deepawali festival in Raipur City of Chhattisgarh, India". International Conference on Chemical, Environmental, and Biological Sciences -2015(CEBS-2015) March 18-19, 2015 Dubai, UAE.
2. Ahirwar A. V. and Bajpai S. (2014) "A Reduction in Environmental Degradation and Disaster Vulnerability through Sustainable Urban Planning". International conference on Sustainable Development 2014(SDC-2014) July 5-7, 2014 Bangkok, Thailand.

Other Info.

TEACHING EXPERIENCE:

- Currently working as an Assistant Professor in Civil Engineering Department in National Institute of Technology, Raipur, Chhattisgarh, India (February 2009 to till date).
- Worked as a Lecturer in Civil Engineering Department at Lakshmi Narain College of Technology (LNCT) Bhopal India (February 2004 to February 2009).

ADMINISTRATIVE EXPERIENCE:

- Worked as a member of Panel for interview for post of Junior Engineer, Staff Selection Commission, Govt. of India (No.3/2/2013-exam(MPR)/40
- Worked as a question paper setter for Sub-Engineer (Civil) selection Exam 2013 conducted by Chhattisgarh Professional Examination Board Raipur (CGVYAPAM).
- Worked as a member of selection committee for post of Faculty on Contract in Chemical Engineering Department. (Circular no. NITRR/R-1/2013/761 Dated: 18-12-2013)
- Worked as a member of selection committee for post of Faculty on Contract in Chemical and Mechanical Engineering Department. (Circular no. NITRR/R-1/2013/538 Dated: 02-07-2013)
- Worked as a member of selection committee for post of Technical Assistant (contract) in Department of Architecture. (Circular no. NITRR/ARCH/2012/3023 Dated: 30-10-2012)
- Worked as a member of selection committee for post of Technical Assistant and Laboratory attendant in Civil engineering Department. (Circular no. NITRR/R-1/2011/1593 Dated: 31-05-2011)

PROFESSIONAL MEMBERSHIP:

- Member of Indian Aerosol Science and Technology association. [IASTA LM-568]
- Member of Indian Society of Remote Sensing [L-4123]
- Member of Institution of Engineers (India) [AM100305-7]
- Member of Indian Society for Technical Education [LM-82045]
- Member of Indian Water works Association [LM-7218]
- Member of The Indian Science Congress Association [L 24058]
- Member of National Solid Waste Association of India
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GUEST LECTURE DELIVERED:

1. Delivered keynote address at short term hands on training programme held during 16th November to 20th November, 2015 entitled “ Testing Methods in Civil Engineering Construction” on topic “ Fundamental of Surveying, Conventional Survey techniques and Demonstration of Various Conventional Instruments” at Civil Engineering Department, NIT Raipur
2. Delivered a demonstration Lecture on topic “Atomic Absorption Spectroscopy and its Applications” in a short term course on “Recent Research Methodologies and Instrumentation Techniques on Chemical and Biomedical Engineering”, held on 15th to 19th December 2014 at National Institute of Technology Raipur.
3. Delivered a Lecture on topic “Earthquake an Overview” in a short term course for the Practicing Engineers of the Government Department of Government of Chhattisgarh, under National Programme for Capacity Building of Engineers in Earthquake Risk Management funded by Ministry of Home Affairs, Government of India, on 4th May 2010 at National Institute of Technology Raipur.
4. Delivered Lecture on “Hazardous waste Management an Overview” as an Expert for Academic and Industrial Participant on Hazardous Waste Management two days seminar under Ministry of Environment and Forest Department, Government of India in association with National Institute of Technology Raipur at National Institute of Technology Raipur Chhattisgarh (22nd August 2009).

SHORT TERM COURSE ATTENDED:

1. One week refresher course on “Finite Element Method” Organized by Department of Mechanical Engineering, National Institute of Technology Raipur at NIT Raipur from 18-22nd June 2012.
2. Short term course on “Waste Treatment and Cleaner Technologies” held at National Institute of Technology Raipur organized by Department of Chemical Engineering during 28th May to 1st June 2012.
3. Short term course on “Remote Sensing and GIS” held at Institute of Technology BHU Varanasi, during 16th March to 18th march 2012.
4. One week short term training programme on “ Approaches & Practice in Urban Transportation Planning” organized by SVNIT Surat, during 5th January to 9th January 2009

SEMINAR / WORKSHOP / CONFERENCE / CONVENTION ATTENDED:

1. Two day Workshop on "Sustainable Construction Materials from Agricultural Waste" on 11th and 12th October 2015, Organized by Visvesvarya National Institute of Technology Nagpur held at Visvesvarya National Institute of Technology Nagpur..
2. Two day Workshop on "Water Resources in developing countries: Planning and management" "27-28 August 2015 at NIT Raipur
3. One day workshop under research project "Construction of Low Volume Roads on Soft Subgrade Soil Improved by Locally Available Marginal Materials" funded by Human Settlement Management Institute (HSMI), HUDCO New Delhi at Civil Engineering Department, National Institute of Technology Raipur in association with HSMI, HUDCO New Delhi on 14th August 2015.
4. One day workshop "Research Schemes in DST & Recent Advances in Civil & Transportation Engineering" under TEQIP-II at Civil Engineering Department, National Institute of Technology Raipur on 1st August 2015.
5. International Conference on Chemical, Environmental, and Biological Sciences" organized by International Institute of Chemical, biological & Environmental Engineering at Dubai, UAE- March 18-19 ,2015
6. Two day workshop on "Collection Development of E-books in Libraries", organized by Central Library, NIT, Raipur during 14th- 15th November 2014.
7. International conference on Sustainable Development Organized by Tomorrow People Organization at Bangkok Thailand - 5th July to 7th July 2014
8. Workshop on "Academic Ethics and IPR" on 4th and 5th April 2014, Organized by National Institute of Technology Raipur and Chhattisgarh Council of Science and Technology, held at National Institute of Technology Raipur..
9. One week National Workshop on "Visual Modflow" Organized by Department of Civil Engineering, National Institute of Technology Raipur at NIT Raipur from 18-22nd November 2013
10. Workshop on Mathematical Modelling, Chemoinformatics and Quantum Chemistry on 19th February 2013 conducted by Department of Electronics & Telecommunication and Central Computing Center, held at National Institute of Technology, Raipur.
11. Regional Educational Workshop on "Structural Engineering Solutions" organized by Civil Engineering Department, National Institute of Technology Raipur in association with Concept Tele Systems (Bentley Channel Partner) on 29th and 30th October 2012 at National Institute of Technology Raipur. Workshop on " Value education" Organized by, Centre for education in universal values, NIT Raipur during 9th March to 14th march 2012
12. Workshop on " Global climate : climate change, water, environment and society" Organized by, ITM University and Michigan Technological USA at Delhi during 5th March to 6th march 2012
13. Three days 44th Annual convention of Indian Water Works Association at Shri Agrasen Dham, Raipur, CG, India (7th to 9th January 2012)..
14. Workshop on " convergence of technology, management and global business" Organized by, National Institute of Technology Raipur at NIT Raipur on 20 December 2011
15. Two days National Seminar on "Future Urbanization" organized by Architecture Department, National Institute of Technology Raipur at National Institute of Technology Raipur. (27th and 28th July 2010).

SHORT TERM COURSE / SEMINAR / WORKSHOP ORGANISED:

1. Organized five days short term hands on training programme “Testing Methods in Civil Engineering Construction” under TEQIP-II at Civil Engineering Department, National Institute of Technology Raipur from 16th November to 20th November 2015 as organizing member.
2. Organized two days workshop “Water Resources in Developing Countries: Planning and Management under TEQIP-II at Civil Engineering Department, National Institute of Technology Raipur on 27th and 28th August 2015 as organizing member.
3. Organized one day workshop under research project “Construction of Low Volume Roads on Soft Subgrade Soil Improved by Locally Available Marginal Materials” funded by Human Settlement Management Institute (HSMI), HUDCO New Delhi at Civil Engineering Department, National Institute of Technology Raipur in association with HSMI, HUDCO New Delhi on 14th August 2015 as organizing member.
4. Organized one day workshop “Research Schemes in DST & Recent Advances in Civil & Transportation Engineering” under TEQIP-II at Civil Engineering Department, National Institute of Technology Raipur on 1st August 2015 as organizing member.

VISITED ABROAD:

- **U.A.E:** Dubai,- during 18th March to 20th March 2015
- **Thailand:** Bangkok, - during 5th July to 7th July 2014.

Extra Curricular / Social / Cultural Activities:

- Acted as a judge for Intra Regional Level NCSC (science project Competition) organized at Kendriya Vidyalaya No.2 D D Nagar Raipur on 5th and 6th November 2013.