

CURRICULAM –VITAE

Dr. Mahendra Kumar Tiwari

Ph.D., M.Sc.,SLET, PGDSHE

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Present Position held :

Professor and Head

Department of Environment Science

Faculty of Life Sciences and Technology

A.K.S.UNIVERISTY, SATNA, M.P. 485001

Associate Dean, Student Welfare, AKS University, Satna

I ensure the holistic well-being and development of students, acting as a liaison between students and administration, and supporting their academic and extracurricular activities in Universities

Programme Coordinator National Service Scheme (NSS), AKS University, Satna

As an NSS coordinator in university, I established two Govt. funded 2 Units (Male and Female) of NSS in my university. Monitoring and implementing oversee the National Service Scheme (NSS) activities (Regular activities, camp and other special activities, fostering student development through community service and promoting social awareness.

In-Charge Red Ribbon club, AKS University

Academic Profile :

Qualified Himanchal Pradesh SLET in Environmental Science 2011

Passed PG Diploma Management in Industrial Safety Health & Environment with 77% IGNOU, New Delhi in year 2009

Ph.D. Degree Awarded in Environmental Biolog Faculty of Life Science entitled *“Ambient air quality and its impacts on vegetation and human health around Jaypee Bela Cement Plant Rewa (M.P.) by A.P.S. University, Rewa (M.P.) Under the Guidance Prof R.M Mishra (Ex Vice Chancellor APSU Rewa) in year 2005*

Passed PG Diploma in Computer Application (PGDCA) with 61.82% MCRPV, Bhopal in the year 2004

Passed M.Sc. in Environmental Biology/Science with 72.5% A.P.S. University, Rewa (M.P.) in the year 2002

Passed Bachelor of Science in Bio grp (Chem., Zoo. Geo.) With 75.8% A.P.S. University, Rewa (M.P.) in the year 2000

Passed Higher Secondary 12th with 70.2% M.P. Board of secondary Education Bhopal in the year 1996

Passed High School 10th with 81.23% M.P. Board of secondary Education Bhopal in the year 1994

Relevant Experience: More than 19 years (M.Phill, PG & UG classes) Environmental Science.

From 5 February 2020 (37400-67000 with an AGP 10000)

Professor & Head
Department of Environment Science A.K.S.UNIVERISTY, SATNA

From 5 September 2014 February 2020 (37400-67000 with an AGP 9000)

Associate Professor & Head
Department of Environment Science A.K.S.UNIVERISTY, SATNA

- Member Academic Council AKS Univeristy, Satna
- Chairman BOS Environmental Science AKS Univeristy, Satna
- Member of Tabulation and result declaration committee AKS Univeristy, Satna
- Member of different administrative committees of AKS Univeristy, Satna
- Exam Superintend of Semester exam. AKS Univeristy, Satna
- Members of Different academic committee of AKS Univeristy, Satna
- Examination paper setter and evaluator

From 30th August 2012 to 5th September 2014 (PB 15600-39100 AGP 6000)

Assistant Professor & Head I/C Environmental Science

- Worked as Academic In-charge
- Coordinator of University Central Evaluation cell
- Member Academic Council of University
- Member Examination Committee of University
- Member university Disciplinary Committee
- Member different Administrative and academic committee
- Coordinator / Chief Programme officer of NSS
- Developed curriculum of
B.Tech. Environmental Science & Technology 4 years course
M.Sc. in Environmental Science 2 years course
B.Sc.(Hons) in Environmental Science 3 years course
Environmental Studies Compulsory for all branches of undergraduate course.
PG Diploma management in Safety Health and Environment
PG Diploma in Environmental Pollution Management

From 2nd November 2009 to 30TH July 2012

Worked as **Assistant Professor and HEAD** of Department of Environmental Science, Indira Gandhi National Tribal University, Amarkantak (Central University) Kapil dhara road Amarkantak Dist Anoopur M.P. 484886 **Pay band (15600- 39100 GP 6000) 385000 + HRA**

- Developed three (3) curriculum of Environmental Science B.Sc.(Hons) Semester , B.Sc.(Hons) Annual and Compulsory syllabus of Environmental Studies for all undergraduate course, as Secretary of Board of Studies of Environmental Science (BOS) of IGN Tribal University Amarkantak which held on 30th and 31st January 2010 at office of Hon'ble Vice Chancellor.

- Teach Environmental Science to B.Sc. and all Graduate disciplines like B.A., B.COM., BBA, BCA Hon's Classes.
- Worked as a subordinate to my senior.
- Joined to my senior for curriculum and exam development activities.
- Monitoring student's learning.
- Making records of student's progress.
- Meeting with students to solve their problems.
- Checking student papers and grading them.
- Building a good environment to promote fairness and respect
- Conduct practical of Monitoring & analysis of water, air, soil, noise, biodiversity, microbiology, biotechnology & management.

June 2005 to June 2009 School of Environmental Biology/Science, A.P.S. University, Rewa (M.P.) **Worked as Lecturer Contractual**

- Delivered lectures of Environmental Science/Biology to M.Sc. & M.Phil. Classes.
- Delivered lectures of Environmental management to MBA (HRD) & BCA classes.
- Conducted practical of monitoring & analysis of water, air, soil, noise, biodiversity, microbiology, biotechnology & environmental management..

18 Aug 2004 to 14 Feb. 2005, Govt. Model Science College Rewa M.P.

Worked as Assistant Professor (Atithi Vidwan) of Environmental Science

- Delivered lectures and conducted practical of Environmental Science to B.Sc. Classes.

Research Experience: 12 Years, Environmental Pollution, EIA, Ecology, Ethnobiology, Environmental Biotechnology, Biodiversity.

Specialization/ Thrust area of Research: Environmental Pollution, Ecology & Biodiversity, EIA, Environmental Biotechnology, Ethno biology.

Academic Responsibility:

- Subject expert, Paper setter and evaluator and Practical examiner in different Universities i.e. APS University, Rewa, MGCGV Chitrakoot, Kota University, and some colleges.
- Examination Coordinator semester exam June 2018
- Center superintendent Exam AKS University
- Academic coordinator AKS University
- Member BOS of Universities
- Expert and External Examiner for many universities
- Developed the Department of Environmental Science, Course and also designed the laboratory building.
- Member secretary of Board of study for Environmental Science. Prepared a syllabus for B.Sc. Environmental Science (Hons) Annual system and Semester system both in Indira Gandhi National Tribal University Amarkantak.
- Member for preparing the Admission form as well as Examination form for the session 2010-2011.
- Member Secretary to Purchase Committee for Environmental Science Laboratory.
- Member of Building verification committee of I.G.N T.U Amarkantak
- Member of Different tender opening committees of I.G.N T.U Amarkantak

- Assistant Exam Superintend of I.G.N Tribal University, Amarkantak
- Member of Admission committee I.G.N Tribal University, Amarkantak
- Member of admission broacher committee I.G.N Tribal University, Amarkantak
- Member of Tabulation and result declaration committee I.G.N.T.U Amarkantak
- Member of different administrative committees of I.G.N.T.U Amarkantak
- Assistant Exam Superintend of Entrance exam. I.G.N.T.U Amarkantak
- Members of Different academic and administrative committee of IGNTU
- Examination paper setter and evaluator

M.Sc. Project/ Dissertation Supervised

Supervised **12** M.Sc. Environmental Science dissertations and **5** dissertation/ project of Post Graduate Diploma in Environmental Pollution Management (PGDEPM) and Post Graduate Diploma in Safety Health and Environment (PGDSHE).

Ph.D Awarded under my supervision:

1. **Mahendra Kumar Tiwari.** Hydrobiological Studies of Bansagar Dam Dist. Shahdol (M.P.) Ph.D. awarded on **11th Feb, 2022**
2. **Sandeep Tiwari** Selective Non Catalytic Reduction (SNCR) Technology for Nitrogen Oxides (NOx) emission control in Heidelberg Cement India Limited, Narsingarh Damoh and its Environmental Impact. Ph.D. awarded on **29th June, 2022.**
3. **Nirmal Kumar (2017).** Assessment Of Coal Mines Impact On Water Resources Of Mahan River Command Area Of Lower Ganges Sub-Basin, Central India. (Ph.D.Thesis Submitted)

Ph.D. Running under my Supervision

1. **Shelendra Upadhyay (2018).** Assessment of Impact of air pollution on different crops, vegetation and Human health proximate to prism cement plant satna (M.P.)
2. **Namrata Agrwal (2019):** Assessment Of Vegetation Carbon Pool Of Majhgawan, Baraundha And Dharkundi Forest Of Satna (M.P.)
3. **Vipin Patel (2022)** Study the Impact Of Mutualism Between Forest Dwellers and Forest under Joint Forest Management In Satna District (M.P.)
4. **Anil Kumar Mittal (2022).** Assessment of Coal Mining Impacts On Environment and Human Health In Sohagpur Area Of Madhya Pradesh
5. **Mr Ravish Dwivedi (2023)** Limnological Studies Of Amkoi Dam Of Satna District (M.P.)
6. **Mr. Harishankar Soni (2024).** Climate Change Mitigation through Decarbonization Strategies in the Wind Power Sector: Accelerating Resilience and Adaptation
7. **Mr Sayed Tauheed Ahmad:** Decarbonization and Climate Change Mitigation Strategies for the Solar Power Sector: Pathways to Net Zero Energy Systems

Research (R&D) Project Investigated as Principal Investigator Funded by Govt./ PSU

- Research Project “**Studies on Impacts of Green India Mission’s Activities in Satna District of Madhya Pradesh**” Sanctioned by Divisional Forest Office Dist Satna Govt. of M.P. letter no/ Vyay/2023/2386 Dated 24.03.2023.
- Preparation of **People Biodiversity Register (PBR) of Sohawal block of Satna District** Sanctioned by Madhya Pradesh State Biodiversity Board Bhopal, Govt. of M.P. letter no BB/AMS/C&D/PBR-39/2020-21/466 date 8.2.2021
- Research project “**Assessment of floral diversity of some parts of Parasmaniya Plateau, Satna District M.P.**” Sanctioned by Divisional Forest Office Dist Satna Govt. of M.P. letter no / Vayy/2019/10943, Dated 20/11/2019
- Major Research Project entitled “**Study of Flora and Biodiversity of Parasmaniya Plateau of Satna District of Vindhyan Region M.P.**” sanction by Madhya Pradesh State Biodiversity Board Bhopal, Govt. of M.P. for 3 year duration from July 2014- to June 2017. **Project Cost Rs 9.98 Lacks**
- Study of Flora and Fauna along the water bodies & Avifauna and butterfly richness comparison at DMP Panna, (sponsored by NMDC Panna) from Feb. 2015 to Nov.2015.) Project Cost : **1.97 Lacks.**
- Assessment Of Mercury Contamination In Water, Soil And Coal At Ncl, Singrauli & Study Of Ill Health Of Employees Due To Impact Of Mercury And Their Control Measures, January 2014. **Project Cost Rs 200000.00 (Two Lacks)**
(Sponsored by AKS University Satna & Northern Coalfields Limited, Singrouli, India)
Organization: A.K.S. University, Satna (M.P.) **from:** Dec. 2013 to march 2014
- Ecological restoration study of one of N.C.L. mines. (Sponsored by Northern Coalfields Limited, Singrouli, India) **Project Cost : 1.97 Lacks**
Organization: A.K.S. University, Satna (M.P.)

Seminar/ Conference/ Workshop organized as Organizing Secretary/ Convener

- 2nd National Workshop on **Entrepreneurship Skill for Self Dependency** organized by Dept of Environmental Science and Department of Zoology and Botany, Govt. Autonomous P.G. College Satna M.P. In Association With Bhopal Chapter, National Academy of Sciences India, Prayagraj UP on 20-26 March 2021.
- International Webinar on COVID-19: “**Challenges and Opportunities for Sustainable Environmental Development**” Jointly Organized by Department of Environmental Science, AKS University, Satna on the occasion World Environment Day 5-7 June, 2020.
- National Web conference on “**Plastic and E waste management: A challenge to clean environment**” Organized by Department of Environmental Science, AKS

- National Web Conference on “ **Challenges and Opportunities in life sciences for self sustaining life security**” organized by Department of Environmental Science, AKS University, Satna (M.P.) on 18-19 August 2020
- One day Webinar on Ecosystem Restoration on the occasion World Environment Day 5th June 2021 Organized by Dept of Environmental Science AKS University, Satna & Zonal and Regional Office MP Pollution control Board
- Organised two day National Seminar on **Climate Change and its Impacts on Environment in Indian perspective** from 6-7th April 2018 sponsored by MPCST Bhopal and AKS University, Satna in Association with NAASi Ber Chapter, Microbiology Society India
- Organised Two days National workshop on **Waste to Wealth** from 22-23rd August 2014 in association with International Waste Management Bhopal.

Training Programs completed

1. Participated and successfully completed training program on “Environmental Management and Waste minimization” (Cement and Power sector) organized jointly by MP Pollution Control Board Satna and National Productivity Council Delhi from 21st -23rd January 2016.
2. Participated and successfully completed “*SAKSHAM- IT Champion Training program*” at IGN. Tribal university, Amarkantak from 12-03-2012 To 22.03.2012 conducted by MICROSOFT and MHRD by SAKSHAT SAKSHAM NME-ICT programme.
3. Conducted monitoring & analysis of water quality, sampling and analysis of ambient air quality & stack monitoring, for Jaiprakash Association Limited from 13.07.05 to 29.07.05.
4. Participated in the ‘Advanced instrumental training program’ at Central Laboratory facilities, M.P. Council of Science & technology Bhopal (M.P.), 11-02-2002 to 18-02-2002.

Research Paper Published:

1. Shailendra Yadav, Kanha Singh Tiwari, Chitrasen Gupta, **Mahendra Kumar Tiwari**, Arbaj Khan, Sankatha P. Sonkar, (2023.)A brief review on natural dyes, pigments: Recent advances and future perspectives, *Results in Chemistry*, Volume 5, 100733, ISSN 2211-7156, <https://doi.org/10.1016/j.rechem.2022.100733>.
2. **Mahendra Kumar Tiwari** and Sandeep Kumar Tiwari (2022). Effect on Yield of Pigeon Pea (*Cajanus cajan*) Crop with Changing Chlorophyll. *International Journal of Applied Engineering Research* ISSN 0973-4562 Volume 17, Number 4, pp. 345-348.
3. Nirmal Kumar, **Mahendra Kumar Tiwari**, Rambabu Singhand Abhay Kumar Singh (2022). Chemometrics in Ascertaining Hydrogeochemical Characteristics of Coal

4. **Mahendra Kumar Tiwari** and Sandeep Kumar Tiwari (2021). Net Nitrogen Oxides Reduction By Selective Non Catalytic Reduction (SNCR) Installed At HeidelbergCement India Limited, Narsingarh, Damoh. Vol-7, Jan-Dec 2021, published in ANVESAK Journal p- ISSN: 0378- 4568. pp 178-187.
5. **Mahendra Kumar Tiwari** and Sandeep Kumar Tiwari (2021). Ammonia gas increased in ambient air by installation of SNCR system at HeidelbergCement India Limited (HCIL), Narsingarh, Damoh Vol-8(X), Jan-Dec 2021, published in NIU International Journal of Human Rights Journal p ISSN: 2394-0298, pp.213-222.
6. **Mahendra Kumar Tiwari** and Sandeep Kumar Tiwari (2021). Decreasing of Nitrogen Oxides versus Increasing of Ammonia in Ambient air Due to SNCR System installed at HeidelbergCement India Limited (HCIL), Narsingarh, Damoh. published in International journal of Current Research, Vol.13 Issue 11 pp. 19406-19408. DOI:<https://doi.org/10.24941/ijcr.42479.11.2021>
7. **Tiwari Mahendra Kumar** and Mahendra Kumar Tiwari (2021). Impact of Seasonal Variation on Mineral and Heavy Metal Content of Bansagar Dam, Shahdol, India. Volume-13, Issue- 07, pp. 18239-18244. Published in International Journal Of Current Research ISSN 0975-833X
8. **Tiwari Mahendra Kumar** and Mahendra Kumar Tiwari (2021). “Impact of seasonal variation on Physicochemical status of Bansagar Dam, Shahdol, India” Vol. 60, No. 07, July 2021, pp. 64-72. Published in The Indian Mining & Engineering Journal, ISSN 001-5944.
9. **Tiwari Mahendra Kumar** and Mahendra Kumar Tiwari (2021). “Physicochemical Analysis of River, at Bansagar Devlond, Shahdol (M.P.) India” IJART – Vol-6, Issue-4, August, 2021 Published in International Journal Of Applied Research And Technology, ISSN 2519-5115
10. Dwivedi Sandhya Singh Surendra, Chauhan U.K, **Tiwari Mahendra Kumar** (2018). Inter and Intraspecific Genetic Diversity (RAPD) Among Three Most Frequent Species of macrofungi (*Ganoderma lucidum*, *Leucoagricus sp.* and *Lentinus sp.*) of Tropical Forest Of Central India. Journal of Genetic Engineering and Biotechnology (Elsevier) ISSN 1687-157X June 2018 16(1):133-141. <https://doi.org/10.1016/j.jgeb.2017.11.008>
11. Sandhya Dwivedi , Surendra Singh , U.K Chauhan, **Mahendra Kumar Tiwari** (2017). Biodiversity studies on macro fungi with special reference to order Agaricales : Indian scenario. (Review article) Journal of Bacteriology & Mycology: Open Access (ISSN: 2469-2786), Volume 5, Issue 6 pp 420-423.
12. **Mahendra Kumar Tiwari** and G.K. Pradhan (2017) Study Of Ill Health Of Employees Due To Impact Of Mercury At Northern Coalfields Ltd, Singrauli (M.P.). The Indian Mining and Engineering Journal. ISSN 0019-5944 Dec 2017 Vol.

13. Sandhya Dwivedi , Surendra Singh , U.K Chauhan , **Mahendra Kumar Tiwari** (2017). Study of frequency, density, abundance and diversity of wild mushrooms of tropical mixed forest of Central India. International Journal of Applied Research and Technology, Vol 2, April PP. 136-139. [https://doi.org/10.24163/IJART/2017/2\(2\)](https://doi.org/10.24163/IJART/2017/2(2))
14. Singh Surendra, Dwivedi Sandhya, Chauhan U.K. and **Tiwari Mahendra Kumar** (2015). Ecological Diversity and distribution of noble macrofungi of sal dominated Forest of Central India with special reference to Agaricales. International Journal of Biotech Trends and Technology. Vol 13 (1): 1-7.
15. Dwivedi Sandhya, Singh Surendra, Chauhan U.K. and **Tiwari Mahendra Kumar** (2015). First report on macrofungal diversity of Vindhyan Region of Central India with special reference to Agaricales. International Research Journal of Environmental Sciences, Vol 4(8), 50-59
16. **Mahendra Kumar Tiwari** and Sandhya Dwivedi (2012). *Assessment of ill health behaviors of lime kilns workers at Maihar and Jhukehi region of Madhya Pradesh, India.* African Journal of Environmental Science and Technology Vol. 6(3), pp.155-159 , March 2012 Available online at <http://www.academicjournals.org/AJEST> ISSN 1996-0786 ©2012 Academic Journals
17. Sandhya Dwivedi, **Mahendra K Tiwari**, U.K. Chauhan, A.K. Pandey (2012). *Biodiversity of Mushrooms of Amarkantak Biosphere Reserve Forest of Central India.* International Journal of Pharmacy & Life Sciences, Vol. 3 Issue 1-2: 1363-1367 A Peer-reviewed Monthly Online International Journal (ISSN 0976-71
18. **Mahendra Kumar Tiwari**, R.M. Mishra and Sandhya Dwivedi (2011). *Deterioration of Air Quality and Human Health in Naubasta Village Due to Air Pollution by J.P. Cement Plant Rewa (M.P.).* International Journal of Pharmacy & Life Sciences, Vol. 2 Issue 12: 1299-1302 A Peer-reviewed Monthly Online International Journal (ISSN 0976-7126).
19. R.M. Mishra, **Mahendra K Tiwari**, Sandhya Dwivedi & Rashmi Arnold (2007). *Role of birds in the seed dispersal of Zizyphus oenoplia (Mill.) in a tropical deciduous forest of central India.* Asian J. of Env. Sci. (June & Dec.) (ISSN No 0973-4759) Vol. 2 No. 1&2: 14-17.
20. Mishra R.M., **Tiwari Mahendra Kumar**, Singh Mani. (2006). *'Cement Plant air pollution impacts on human health with special Reference to Village Bela Rewa (M.P.)'.* Journal of Current Sciences, Vol. 9(1), (ISSN: 0972-6101) Pp 301-304.
21. Mishra R.M. and **Tiwari Mahendra Kumar** (2004). *'Air quality and human health around Jaypee cement plant, Rewa (M.P.)'.* National Journal of Life Science. ISSN 0972-995X 1(2): 357-360.

Invited Talk/ Guest Lecture:

1. Delivered talk as invited speaker in National Seminar organized By Dept of Physics APS University, Rewa M.P.
2. Delivered talk and Co-Chairperson of technical session Section Botany and Environment (Physics Seminar Hall) on dated 15 Dec. 2019 in a National conference on "Recent advances in life sciences for betterment of environment and human health (ICRALBEH-2019) & 8th Annual Session of Society of life sciences organized by

Dept. of Zoology, Govt. Holker (Autonomous) Science college Indore (M.P.) on dated 14-15th Dec.2019.

3. Invited talk on Agroecosystem and environmental management National Conference on Biotechnology and sustainable Agriculture in doubling of farmer's income by 2022 organised by Dept of Agriculture Science AKS University Satna September 5-7, 2019
4. Chaired a session of National conference on "Recent trends in environmental sustainability and green practices" as Chairperson organized by Department of Botany, Government College of Bundi Rajasthan on dated 15-16 November 2019.
5. Delivered invited lecture as recourse person in refresher course on Environmental practices for sustainable development on dated 27/06/2019 organised by Department of Forestry, Wild life and Environmental Science GGU Bilaspur CG.
6. Session convener in International conference on Advances and Innovation in Biotechnology for Sustainable Development organized by Department of Biotechnology AKS University Satna on dated 5-7th April 2019.
7. Delivered invited lecture as recourse person in National Workshop on "Solid waste management:Reduce, reuse recycle" organized by Dept. of Zoology Govt. Autonomous PG College Chhindwara M.P. 28th Feb- 02 March 2019.
8. Participated in 7 Days National Workshop: Genomics & Bioinformatics Organization: Department of Biotechnology, A.K.S. University, Satna (M.P.) from 28 November- 04 December, 2013

Participated in International Conferences/Seminars-

1. Paper on Diversity of medicinal plants in Parasamaniya plateau region of Madhya Pradesh presented International Conference on Natural Resources, Environment and Health (ICNREH-2017) held on March 28-29th 2017, organized by Department of Geology, Govt Model Science College Rewa MP
2. Paper "3rd International Conference on Climate Change, Forest Resource and Environment" being organized by Department of Environmental Sciences, University of Kerala, Thiruvananthapuram in association with "National Environmentalists Association" held on DECEMBER 9-11, 2011, Thiruvananthapuram, Kerala, INDIA
3. Paper –"*Deterioration of air quality and human health in Naubasta village due to air pollution by J.P.cement plant Rewa (M.P.)*" presented at 2nd International Conference on Environmental Management held on (October 25th – 28th, 2010) Centre for Environment, IST Jawaharlal Nehru Technological University Hyderabad.
4. Paper "*Occupational Health Problems Studied Among The Workers Of Lime Kilns Around Maihar Of Central India*" presented at International Conference on Environmental Challenges: A Global concern (ICEC 2010) held on October 15th-16th 2010, Kanya Mahavidyala Jalandhar Punjab.

Participated in National Conferences/Seminars

- 29 Presented paper entitled Hydrobiological studies of Bansagar dam at Deolond Shahdol MP India, on International conference on Recent Advances In Life Sciences For Betterment Of Environment And Human Health (ICRALBEH-2019) and 8th Annual session of Society of Life Science December 14-15, 2019 organised by Govt Holker Model Autonomus Science College Indore MP.
- 28 Presented paper entitled Floral biodiversity and ethnomedical studies of Parasmania Plateau of Satna district M.P. presented in National Conference on recent trends in environmental sustainability and green practices (RTESCP-2019), Nov 15-16, 2019 organized by Department of Botany Govt College Bundi Rajasthan.
- 27 Participated and presented paper “An ethnomedical studies among villagers of Parasmaniya plateau of Satna district of Madhya Pradesh” in three days National workshop on Technology outreach as an Enabler for inclusive & sustainable development. Organized by IIT Delhi and Vigyan bharti Tech4Seva on dated 10-12 August 2019.
26. Lecture delivered on “E Waste Management in Muncipal Corporation” presented in awareness workshop organized by MP Pollution Control Board Satna dated on 28th March 2018.
- 25 Lecture delivered in one day Capacity Building Programme on Mining waste management on 11th April 2018 organised by International Institute of Waste Management (IIWM) Bhopal M.P.
- 24 Presented a paper on topic “Study of water conservation and its impacts on Alwar and Karudi districts of Rajasthan” in National Seminar on Climate change and its Impact on Environment in Indian perspective organized by AKS University Satna on dated 6-7th April 2018.
- 23 Participated in 3 days National workshop on “DNA Barcoding-molecular biology and phylogenetic taxonomy held on October 1-3 2016, Organised by department of Biotechnology, SIT group of institution Sidhi MP.
- 22 Lecture delivered on “Challenges and opportunities of E Waste Management” presented in awareness workshop organized by MP Pollution Control Board Satna dated on 29th March 2016.
- 21 Paper presented National Conference on Recent Advancement in mineral and water resources held on December 5-6 2015, organized by Department of Geology, Govt Model Science College Rewa MP
- 20 Paper Presented at National Seminar on “*Vartaman Paridrashya Me Jal, Jameen, Jangal, Janvar Aur Jan Ka Vaigyanic, Samajic Avam Arthik Mahatva*” held at “Govt. P.G. College Satna (M.P.) dated on 23-24 March, 2013.

- 19 Paper entitled "*A survey of Ethnomedicinal Plants Availled by Tribes of Amarkantak Achanakmar Biosphere Region*" presented at National Conference On *Role of New Technologies in Conservation of Environment* Dated March 23-24th 2012 School of Environmental Biology A.P.S.University, Rewa M.P. 486003.
- 18 Paper entitled "*Traditional Use of Medicinal Plants by the Gond Tribes in Amarkantak-Achanakmar Biosphere Region Central india India*" presented at National conference on Biotechnology and Biodiversity Biological resources conservation management and sustainable uses held on march 13-14th March 2012 at Govt. M.S. Golwarkar College Rewa M.P. sponsored by UGC and biodiversity Board Bhopal.
- 17 Paper presented at National workshop on Recent advances in biological sciences held on November 18-19, 2011, Organised by Department of Zoology, Govt Science College Rewa M.P.
- 16 Paper entitled- "*Environment conservation and Shree Krishna-An overview*" presented at National Seminar held on November 21&22nd Nov. 2011 at Govt. Chandravijay College Dindori M.P. sponsored by UGC.
- 15 Paper presented at 8th Adhiveshan Darshan Parishad MP and CG Dept of Philosophy I.G.N.Tribal University, Amarkantak Held on Oct. 21 & 22nd 2011
- 14 Paper entitled- "*The role of medicinal plants in the health care in the Tribals of Amarkantak region of M.P.*" presented at national seminar on Biodiversity of aquatic environment in relation to industrial pollution with special reference to fish Diversity held on December 13th & 14th 2010 Pt.S.N.Shukla Govt P.G.College Shahdol M.P sponsored by UGC and MP Biodiversity Board Bhopal
- 13 Paper "*Diversity of Medicinal plants of Amarkantak Region*" presented at National Conference on Biodiversity and Biotechnology held on (November 16th -17th 2010) Dept. of Botany & Biotechnology, Govt. M.S. Golwarkar College Rewa M.P. sponsored by ICSSR,CSIR, DBT,MPCST, UGC and biodiversity Board Bhopal.
- 12 Paper - presented at national seminar on Recent trends in Biomedical Sciences held on 30th March organized by School of Biotechnology, GGU Bilaspur CG.
- 11 Paper - "*Rural development and ecosystem*" presented at national seminar on Rural development and Panchayati Raj held on 25-26 March 2006 at Govt. T.R.S. College (Excellence) Rewa (M.P.)
- 10 Research Paper- "*Role of birds in the seed dispersal of Zizyphus oenoplia (mill)*" presented at national seminar on Recent advances in forest sciences held on 30-31 Jan. 2006 at Guru Ghasidas University Bilaspur (C.G.)
- 9 Paper- "*Diversities of tree species of chuhhia forest Rewa MP*" Presented at national conference and workshop on Renaissance of herbal Remedies at Govt. Janta College Rewa 29-30th Dec. 2004.

- 8 Participated and paper presented in national conference on multidimensional Quality enhancement of Colleges in Central India at Govt. M.K.B. College Woman Jabalpur (M.P.) 11-12th Dec. 2004.
- 7 Participated national consultation on women with disabilities in India at J.R. Handicapped University Chitrakoot (U.P.) 26-28th Oct. 2004.
- 6 Paper- “*Stage & Direction of Liberalization in Indian Society*’ presented at national’ seminar on Govt. P.G.College Mauganj Rewa (M.P.) 30-31 Oct.2002
- 5 Paper- “*Population, environment drinking water problem & its solution*” presented at National seminar on Population Explosion-A challenge at Janta P.G. College Rewa (M.P.) 17th -18th Oct.2002.
4. Paper- “*Human Right & Indian Society*” presented at National Sociological seminar on Govt. T.R.S.College Rewa (M.P.) 22-23 Feb-2002.
- 3 Participated one day workshop Organized by “Environmental Planning Coordination Organization (EPCO) Bhopal” on National Environmental Awareness Campaign 2003.
- 2 Participated Work Shop on “*Swaposi Vikash*” Organized by “Environmental Planning Coordination Organization (EPCO) Bhopal” on National Environmental Awareness Campaign 2002.
- 1 Paper “*Assessment on Biogas generation and effluent treatment of lords distillery Ltd. Nandganj (U.P.)*” presented at National Seminar on Science & Technology for Rural Development Oct.2001 P.G. College Mauganj Rewa (M.P.)

Project Completed during M.Sc.

- Conducted REIA and prepared an EIA report for clearance of Jaypee Rewa Cement Plant and Jaypee Bela cement Plant Rewa,
- A project on “***Safety Management in JP cement industry***” for award of P.G. Diploma in Management Industrial Safety Health & Environment.
- A Project on ‘***Environmental Impact Assessment for the Proposed Mining Expansion of Jaypee Cement Limited at Rewa M.P.***’ for award of P.G. Diploma in Management Industrial Safety Health & Environment.
- A Project on ‘**Environmental Impact Assessment on perfect pottery works Jablapur M.P.**’ for submitted to award of M.Sc. Degree, APS University Rewa (M.P.).Conduct the EIA, monitoring and analysis of Occupational health status of perfect pottery workers and prepare a report

Book Published: “Paryavaran Addhyan” by University Publication Daryaganj Ansari road New Delhi (ISBN.

Award : “**Paryavaran Mitra Award**” presented by Madhya Pradesh Pollution Control Board Regional Office Satna M.P. during Teacher’s Day on 04 Sep 2019

Membership

- Life member Glocal Environment & Social Association (GESA) Prayagraj 211002 (UP).
- Life member of Indian Science Congress Kolkata India
- Member of Indian Science committee Satna M.P.

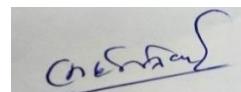
Extracurricular activities

- NSS “C” Certificate
- NCC “B” Certificate
- Participated in various cultural and creative programme in school and college level

Declaration :

I do here by declare that the above information furnished by me true to the best of my knowledge & belief.

Date : 21.03.2025



(Dr. Mahendra Kumar Tiwari)