

Curriculum Vitae



DR. ANIL KUMAR DWIVEDI

Professor

Pollution and Environmental Assay Research Lab. (PEARL)

Department of Botany

Deen Dayal Upadhyay Gorakhpur University

Gorakhpur- 273009, INDIA.

E-mail: anil.k.dwivedi@gmail.com



Name : Dr. Anil Kumar Dwivedi

Father's Name : Dr. Kailash Dubey

Date of Birth : 26th November, 1973

Nationality : Indian

Marital Status : Married

Address (Residence) : Flat No. H/8, Heerapuri Colony,
University Campus, Gorakhpur- 273009.

(Permanent) : S2/624-2C, Sikraul, Varanasi-221002.

Contact No. : +919415695331

Educational Qualifications:

| Examinations | Board/University | Year | %age | Div. | Subjects |
|--------------|------------------|-----------------------|------|------|---------------|
| Ph.D. | B.H.U., Varanasi | 2001 | | | Botany |
| NET (Twice) | CSIR-UGC | Dec. 1999 & June 2000 | | | Life Sciences |

| | | | | | |
|--------------|--|------|------|-------|----------------------------------|
| M.Sc. | U.P. College, Varanasi (Purvanchal Univ.) | 1996 | 65.3 | First | Botany |
| B.Sc. | -do- | 1994 | 68.0 | First | Botany, Chemistry, Zoology |
| Intermediate | U.P. Board | 1991 | 70.4 | First | Science (Bio.) Group |
| High School | -do- | 1989 | 65.3 | First | Science Group |

(Ph.D. Topic: Impact of Coal Fired Industries on Surrounding Plants and Their Management)

Teaching Experience:

1. **Professor** in Deen Dayal Upadhyay Gorakhpur University, Gorakhpur, since 20th April 2018 till date.
2. **Associate Professor** in Deen Dayal Upadhyay Gorakhpur University, Gorakhpur, since 20th April 2015 to 19th April 2018.
3. **Assistant Professor III** in Deen Dayal Upadhyay Gorakhpur University, Gorakhpur, since 20th April 2012 to 19th April 2015.
4. **Senior Lecturer** in Deen Dayal Upadhyay Gorakhpur University, Gorakhpur, since 20th April 2007 to 19th April 2012.
5. **Lecturer** in Deen Dayal Upadhyay Gorakhpur University, Gorakhpur, since 20th April 2003 to 19th April 2007.
6. **Lecturer** (Self Finance) in Sri Agrasen Kanya Autonomous P.G. College, Varanasi, from 1st November, 2001 to 19th April 2003, teaching to U.G. and P.G. students.
7. **Lecturer** (Maandeya, Appointed by *Higher Education Commission, Allahabad*) in Sri Baldev P.G. College, Baragaon, Varanasi, from **4th October, 2000** to 31st March 2001, teaching to U.G. and P.G. students.

Research Activities:

Research Projects:

1. A **Research Project** {F. No. 32-426/2006 (SR)}, entitled *Ground Water Quality Management in Gorakhpur City* funded by **U.G.C., New Delhi**, completed.
2. A **Research Project** {F. No. 41-486/2012 (SR)}, entitled *Investigation of Groundwater in Tarai Region of Eastern Uttar Pradesh Regarding Arsenic and The Ethnobotanical Survey For Mitigation their-of* funded by **U.G.C., New Delhi**, completed.

Thesis Supervision:

Post Doctoral Research Scholar:

Dr. Sumati Chaudhary. *Study of Biological Tools for Ecomanagement of Root Rot of Mungbean {Vigna radiata (L.) Wilczek} and Identification of the Bioactive Compounds (DST Women Scientist).*

Ph.D. Degree:

| No. | Topic | Name | Date of: | |
|-----|--|--------------------------|--------------|----------|
| | | | Registration | Awarding |
| 1 | Groundwater Pollution and its Ecomanagement in Gorakhpur City | Singh, Rahul | 17/11/06 | 2010 |
| 2 | Studies on the Water Quality of River Ami and its Ecomanagement | Prajapati, Udai Bhan | 21/11/06 | 2010 |
| 3 | Ecomanagement of Hospital Waste | Pandey, Sweta | 25/1/07 | 2010 |
| 4 | Remedy of Water Pollution of Ramgarh Lake through Macrophytes | Hasan, Hadi | 4/11/06 | 2010 |
| 5 | Ecomanagement of Solid Waste in Gorakhpur City | Tripathi, Dhananjay Mani | 1/11/07 | 2012 |
| 6 | Growth Behaviour and Nutrient Value of Solanaceous Vegetables Irrigated by Waste Water | Tiwari, Madhvi | 2/11/10 | 2015 |
| 7 | Study of Aquatic Angiosperms in Abatement of Pollution using Malacofauna as Indicator | Singh, Ruby | | 2016 |
| 8 | Phytosociology and Annual Dynamics of the | Singh, Pratap | 4/11/11 | 2016 |

| | | | | |
|----|--|-----------------------|--|------|
| | Angiospermic Flora in Wetlands of Gorakhpur | Narayan | | |
| 9 | Murophyte- Diversity and Management | Anand, Dipendra Kumar | | 2018 |
| 10 | Phytoremediation of Arsenic Contamination | Srivastava, Shikha | | 2021 |
| 11 | Monitoring and Mitigation of Arsenic in Groundwater of Gorakhpur and adjoining Areas | Tripathi, Vira | | 2020 |
| 12 | Causes, Consequences and Mitigation of Arsenic in Groundwater | Nirbhay Asthana | | 2022 |

M.Sc. Dissertation Supervised:

Mishra, Rachna (2006) *Waste Water Treatment Past, Present and Future- An Approach, Sikkim Manipal University (New Delhi Extension Centre)*, M.Sc. Dissertation (Environmental Sciences).

Courses Designed:

1. **Developed** Special Paper (Optional) in **M.Sc. Botany** (for Semester 3 & 4) under the title “**Water Resource and Management**”.
2. **Member** of the Committee to design the syllabus for **Ph.D. Course Work, according to UGC, 2009.**

Awards/ Prizes:

1. **Young Scientist Award** in National Conference on *Strategies for Water Resource Conservation and Management* conducted at S.B. P.G. College, Baragaon, Varanasi on 30th and 31st Oct. 2008.
2. **Acharya Ram Chandra Tiwari Award** by Uttar Pradesh Journalist Association (**UPJA**) on March, 22nd 2009, for the contribution in the field of Environment and Education.

Academic Activity Organised:

1. **Short Term Course** (1 week) on **“Soil: A Renewable Resource?”** sponsored by UGC Academic Staff College, DDU Gorakhpur University, Gorakhpur was organized as **Course Coordinator** during 14th to 20th November, 2014.
2. **National Workshop** on **“Statistical Analysis for Biological Data (SABD-2017)”** organized as **Organising Secretary** during 16th to 18th February, 2017.
3. **National Conference** on **“Diversity and Utilization of Tropical Plants (NCDUTP)”** organized as **Organising Secretary** during 22nd to 23rd February, 2018.

Academic Courses (> Week):

- 1 **Orientation Course** from Academic Staff College, **Banaras Hindu University, Varanasi** during June- July 2004.
- 2 **Refresher Course** in Environmental Sciences from Academic Staff College, **Banaras Hindu University, Varanasi** during March 2006.
- 3 **Refresher Course** in Botany from Academic Staff College, **Banaras Hindu University, Varanasi** during January 2007.
- 4 **Refresher Course** in Botany from Academic Staff College, **DDU Gorakhpur University, Gorakhpur** during November 2009.
- 5 **Workshop/ Training on Faculty Development program in Entrepreneurship (12 Days)** sponsored by National Science and Technology Entrepreneurship Development Board, DST, Govt. of India, New Delhi; organized at DDU Gorakhpur University, Gorakhpur during 9th to 20th February, 2010.
- 6 **Refresher Course** in Environmental Science and Technology from Academic Staff College, **Banaras Hindu University, Varanasi** during 26th October- 16th November 2010.
- 7 **Short Term Course** (1 week) in **“Plant Medicine and Health”** organized by Department of Botany, DDU Gorakhpur University, Gorakhpur and Academic Staff College, DDU Gorakhpur University, Gorakhpur during 1st to 7th September, 2012.
- 8 **Summer Training Programme on Geospatial Technologies and Applications** organized by Department of Science & Technology, New Delhi, under NRDMS programme, in the Department of Geography, DDU Gorakhpur University, Gorakhpur, during 17th September to 6th October 2012.
- 9 **Orientation Course for the Programme Officers of NSS** organized by the Gorakhpur Empanelled Training Institute (GETI), Gorakhpur sponsored by the Department of Youth Affairs and Ministry of Youth Affairs and Sports, Government of India during 22nd Jan. to 28th Jan. 2013.
- 10 **Short Term Course** (1 week) in **“Water”** organized by Department of Zoology and Environmental Science, DDU Gorakhpur University, Gorakhpur and Academic Staff College, DDU Gorakhpur University, Gorakhpur during 17th to 23rd December, 2013.
- 11 **Short Term Course** (1 week) in **“Fish, Fishery and Water Pollution”** organized by Department of Zoology and Environmental Science, DDU Gorakhpur University, Gorakhpur

and Academic Staff College, DDU Gorakhpur University, Gorakhpur during 13th to 19th February, 2014.

- 12 **Short Term Course** (1 week) in “*Analytical Chemistry and Measurement Science*” organized by Department of Chemistry, DDU Gorakhpur University, Gorakhpur and Academic Staff College, DDU Gorakhpur University, Gorakhpur during 8th to 15th October, 2014.
- 13 **10 Day Workshop on “Understanding Statistics by MS-Excel and SPSS”** jointly organized by Division of Biostatistics, Department of Community Medicine, IMS and Centre for Interdisciplinary Mathematical Science, CIMS, BHU, Varanasi during 1st to 10th June, 2016.
- 14 **National Workshop on ‘QGIS’** (1 week) organised at MMV, BHU, Varanasi during August 19 to 25, 2017.
- 15 **Short Term Course** (1 week) in “*Research Methodology*” organized by UGC-HRDC, DDU Gorakhpur University, Gorakhpur during 8th to 14th March, 2018.

Academic Courses (< Week):

- 1 **Workshop on Research Proposal and Resources (UGC Sponsored)** organized by UGC-Academic Staff College, DDU Gorakhpur University, Gorakhpur on 24th and 25th Oct. 2005
- 2 Work-shop (Regional Seminar) on *Intellectual Property and Innovation Management in Knowledge Era*, at DDU Gorakhpur University, Gorakhpur during 21st and 22nd July, 2009.
- 3 **Workshop on Information and Security (UGC Sponsored)** organized at Academic Staff College, DDU Gorakhpur University, Gorakhpur on 20th March 2010.
- 4 **Training of Trainers Programme on Gender Equity for NSS Programme Officers** organized by Rajeev Gandhi National Institute of Youth Development (RGNIYD), Sriperubudur, at BIT, MESRA, Ranchi, Jharkhand during 19th to 21st Dec. 2011.
- 5 **Integrated Spoken Tutorial Training Program** organized by Spoken Tutorial Project, IIT, Bombay and DDU Gorakhpur University, Gorakhpur during March 21-22, 2015.
- 6 **Mini Workshop on Biomathematics** (Sponsored by NPDE, DST, New Delhi) organised by DST Centre of Interdisciplinary Mathematical Science and Dept. of Mathematics, BHU, Varanasi on March 28 to 30, 2015.
- 7 **UGC International Certificate Course & Workshop on Sports Medicine Science & Yoga** organized by CHS Athletic Association, BHU, Varanasi (**Chaired a session and Invited Lecture, topic: Need of Sports Distribution as per Climatic Geography of India**) during July 15-17, 2015.

Academic Visits:

- a. Visited the laboratories at **Centre of Advanced Study in Botany, University of Madras, Chennai.**
- b. Visited the laboratories in the **Department of Botany, at Kurukshetra University, Kurukshetra.**

- c. Visited the laboratories in the **Department of Botany and Environmental Sciences at Guru Nanak Dev University, Amritsar.**
- d. Regular visitor of laboratories at **Centre of Advanced Study in Botany, Banaras Hindu University, Varanasi.**
- e. Visited the laboratories at **School of Studies in Botany, Jiwaji University, Gwalior.**
- f. Visited the laboratories at **Central Potato Research Institute, Shimla.**
- g. Visited the laboratories in the **Department of Life Sciences, Maharshi Dayanand University, Rohtak.**
- h. Visited the laboratories in the **Department of Plant Sciences, MJP Ruhelkhand University, Bareilly.**
- i. Visited the laboratories in the **Department of Environment and Earth Sciences, Central University of Punjab, Bhatinda.**
- j. Visited the laboratories at **Centre of Advanced Study in Botany, University of Jammu, Jammu.**
- k. Visited the laboratories in the **Department of Botany, at Mumbai University, Mumbai.**

Academic Visitors:

1. **Mr. John Q. Adams, Director, and Mr. Jay Pal Shrestha, Regional Environmental Affairs specialist, Regional Environment Office for South Asia, located at the U.S. Embassy, Kathmandu** visited me on 9th July 2008, with the objective to *consult on Water Resource Management and Water Pollution.*

Special Contribution/ Achievement:

Ganga Express Way suffered a setback, by the decision of the Hon'ble High Court, Allahabad through the Civil Misc. Writ Petition (PIL) No. 15125 of 2008 on 29th May 2009. Following are some of our publications/ presentations which blew the way away:

1. Shashi and **A.K. Dwivedi** (2008) Ganga Express Way – A path of wetland destruction, *Current Science*, 94(7):840-841[ISSN: 0011-3891].
2. **Dwivedi A.K.** (2008) An Express Issue, *Down To Earth*, 16(22):4-6.
3. **Dwivedi, A.K.** (2008). Ecological Backlashes of Ganga Express Way Proc. 1st Rastriya Yuva Vaigyanik Sammelan, Nov. 28-30, 2008: 207-209.

4. National Conference on *Strategies for Water Resource Conservation and Management* conducted at S.B. P.G. College, Baragaon, Varanasi on 30th and 31st Oct. 2008; Presented paper entitled *Ecological Investigation of Ganga Express Way*.
5. 1st *Rastriya Yuva Vaigyanik Sammelan* conducted at National Institute of Technology, Kurukshetra, Haryana during 28 to 30, Nov. 2008; Presented paper entitled *Ecological Backlashes of Ganga Express Way*.
6. International Conference on *Plant Biology and Environment: Changing Scenario* conducted at University of Allahabad, Allahabad during 17th and 19th Dec. 2008; Presented paper entitled *Ganga Express Way and Wetland Destruction*.
7. **Shashi and A.K. Dwivedi (2008) Ganga Express way: Its Ecological Backlashes** <http://www.scribd.com/doc/5200995/Ganga-Express-Scribd>
8. **Organised** the National Conference on *Biofunctions, Biodiversity and Plant Resource Utilisation* (BBPRU-2009) **funded by UGC, DST, DBT, CST, CSIR** etc. at DDU Gorakhpur University, Gorakhpur during 30th and 31st Jan. 2009 as the **Treasurer** and presented the paper entitled *Ecology of Ganga Express Way*.
9. An interview regarding Ganga Express Way was Published in *Paryavaran Sandesh*, Vol. 3: 22-24 (Apr. 2009).
10. Shashi and **A. K. Dwivedi** (2009). Ecological Backlashes of Wetland Destruction, *Everyman's Science*, XLIV (4) Oct.-Nov.: 247-249.

Academic Administration:

1. **"Head"** Department of Botany, DDU Gorakhpur University, Gorakhpur
2. **"Coordinator"** Microbiology, DDU Gorakhpur University, Gorakhpur
3. **"Coordinator Result Cell"** DDU Gorakhpur University for 2013.
4. **"Co-Coordinator EDP Cell (Electronic Data Processing Cell)"** DDU Gorakhpur University 2013-2014.
5. **"Coordinator of Flying Squad"** for Gorakhpur (North) in Annual Examination, 2013 for the month of May and June.
6. **"Coordinator of Flying Squad"** for district St. Kabeernagar in Annual Examination, 2013 for the month of April.
7. **"Centre Superintendent"** B.B.A. Entrance Examination 2013, DDU Gorakhpur University, Gorakhpur (2/7/2013).
8. **"Centre Superintendent"** B.Sc. (Maths) Entrance Examination 2017, DDU Gorakhpur University, Gorakhpur.
9. **"Superintendent"** Buddha Hostel, DDU Gorakhpur University, Gorakhpur, since August 2, 2011 to July, 2013.
10. **"Assistant Dean of Student's Welfare (ADSW)"** DDU Gorakhpur University, Gorakhpur, since July, 2013 till date.
11. **"Proctor"** in DDU Gorakhpur University, Gorakhpur, since July 2005 till February 2009.

12. **“Programme Officer in NSS”**, DDU Gorakhpur University, Gorakhpur, since November 2008 till date.
13. **“University Representative”** in Gyanpur District in B.Ed. Entrance Examination 2013.
14. **“University Observer”** in Varanasi District in B.Ed. Counselling **2013, 2015 and 2016**.
15. **“University Representative”** in Varanasi District in CPMT 2015.
16. **“Coordinator”** for Test Centre deciding at Allahabad, Varanasi and Faizabad Districts in CPMT 2015.
17. **“Coordinator”**, Checker Team in Evaluation of B.Ed. and M.Ed. Examination at DDU Gorakhpur University, Gorakhpur during **2012**.
18. **“Coordinator”**, Checker Team in Evaluation of P.G. Semester I and III Examination of DDU Gorakhpur University, Gorakhpur during **2013**.
19. **“Coordinator”**, Checker Team in Evaluation of Pre-Ph.D. Examination at DDU Gorakhpur University, Gorakhpur during **2013**.
20. **“Observer”** in Annual Examination 2015 of Makhanlal Chaturvedi National University of Journalism & Communication in Gorakhpur Centre.
21. **“Joint Secretary”** National Conference on *Biodiversity: Changing Patterns and Conservation Strategies* (BCPCS-2011) **funded by UGC, DST, DBT, CST, CSIR** etc. at DDU Gorakhpur University, Gorakhpur during 26th to 28th Nov. 2011.
22. **“Organising Secretary”** Work-shop on *Land to Lab: Exploring Farmers Priorities of Research to Adapt to Climate Change*, in collaboration with Gorakhpur Environmental action Group (GEAG), Gorakhpur at DDU Gorakhpur University, Gorakhpur on 27th Feb. 2010.
23. **“Organising Secretary”** National Workshop on *“Statistical Analysis for Biological Data (SABD-2017)”* organized during 16th to 18th February, 2017.
24. **“Organising Secretary”** National Conference on *“Diversity and Utilization of Tropical Plants”* organized during 22nd to 23rd February, 2018.
25. **“Coordinator”** Work-shop (Regional Seminar) on *Intellectual Property and Innovation Management in Knowledge Era*, in collaboration with National Research Development Corporation, New Delhi at DDU Gorakhpur University, Gorakhpur during 21st and 22nd July, 2009.
26. **“Treasurer”** National Conference on *Biofunctions, Biodiversity and Plant Resource Utilisation* (BBPRU-2009) **funded by UGC, DST, DBT, CST, CSIR** etc. at DDU Gorakhpur University, Gorakhpur during 30th and 31st Jan. 2009.
27. **“Observer”** AI PMT (NEET) at Patna in **2014**, at Lucknow and Patna (Re-exam) in **2015**.
28. **“Principal Investigator”** in aResearch Project {F. No. 32-426/2006 (SR)}, funded by U.G.C., New Delhi, on the topic *Ground Water Quality Management in Gorakhpur City*.
29. **“Principal Investigator”** in aResearch Project {F. No. 41-486/2012 (SR)}, funded by U.G.C., New Delhi, on the topic *“Investigation of groundwater in Tarai region of Eastern Uttar Pradesh regarding Arsenic and the ethnobotanical survey for mitigation their- of”*.
30. **“Mentor”** of Dr. Sumati Chaudhary, **DST Women Scientist: Study of Biological Tools for Ecomanagement of Root Rot of Mungbean {Vigna radiata (L.) Wilczek} and Identification of the Bioactive Compounds**.

31. **“Member Flying Squad”**, at DDU Gorakhpur University, Gorakhpur during the B.Ed. Examination **2012**.
32. **“Member Flying Squad”**, at DDU Gorakhpur University, Gorakhpur during the Annual Examination **2012, 2015, 2016, 2017**.
33. **“Member Flying Squad”**, at DDU Gorakhpur University, Gorakhpur during the PG, Semester Examination **2017**.
34. **“Assistant Coordinator”**, Central Evaluation at DDU Gorakhpur University, Gorakhpur during years: **2007, 2008 and 2010**.
35. **“Assistant Centre Superintendent”** in UGC-NET Examination at DDU Gorakhpur University, Gorakhpur during **June 2012 and December 2012**.
36. **“Assistant Centre Superintendent”** in UP B.Ed. Test at DDU Gorakhpur University, Gorakhpur during **2015 and 2016**.
37. **“Assistant Centre Superintendent”** in Annual Examination at DDU Gorakhpur University, Gorakhpur during **2006, 2008, 2009 and 2010**.
38. **“Assistant Centre Superintendent”** in M.Sc. Microbiology Semester 2 Theory Examination at DDU Gorakhpur University, Gorakhpur during **2014**.
39. **“Councillor”**, B.Ed. Counselling during **2011 and 2012**.
40. **“Observer”** in TGT & PGT Recruitment Exam., Conducted by Madhyamik Siksha Seva Chayan Board, Allahabad, at two centres in Gorakhpur during **2009, 2010 and 2011**.
41. **“Observer”** in B.Ed. Entrance Examination during **2008 and 2010**.
42. **“Observer”** in PBAT-2005, DDU Gorakhpur University, Gorakhpur.
43. **“Incharge”** of GUBA (Gorakhpur University Botany Association) Gorakhpur since 2003.
44. **“Member of Transport & Hospitality Committee”** during **87th Annual All India Vice Chancellors Meet**, during 3rd to 5th May 2013.
45. **“Member of Transport, Hall, Press and Publicity Committee”** during **1st U.P. Science Congress in Gorakhpur**, during 2nd to 4th March 2013.
46. **“Member of Board of Studies”** in Department of Botany at DDU Gorakhpur University, Gorakhpur.
47. **“Academic Councillor”**, Indira Gandhi National Open University (IGNOU).
48. **“Member of D.R.C.”** in Department of Botany at DDU Gorakhpur University, Gorakhpur.
49. **“Member of Science Faculty Council”** in DDU Gorakhpur University, Gorakhpur during **2008, 2010, 2012 and 2013**.
50. Performed the role of **“Rapporteur/Chairman/President/Special Guest”** at National Seminars and various other functions in Balrampur, Gorakhpur and Varanasi.
51. Formerly, **“Member of Board of Studies”** at S.A.K.A. P.G. College, Varanasi.
52. **“Member of Executive Body”** in the National Conference on Strategies for Water Resource Conservation and Management to be conducted at S.B. P.G. College, Baragaon, Varanasi on 30th and 31st Oct. 2008.
53. **“Member of Executive Body”** in the National Seminar on Microbial Diversity and Plant Health Problems conducted at DDU Gorakhpur University, Gorakhpur during Dec. 2006.

54. **“Member of Executive Body”** in the National Seminar on Sustainable Eco-survival for 21st Century organized at S.A.K.A. P.G. College, Varanasi during Jan. 2003.
55. **“Member of Executive Body”** in the National Conference on Ecological Strategies to Save the Earth and it's Biotic Environment to be conducted at S.B. P.G. College, Baragaon, Varanasi on 11th and 12th Dec. 2010.

Membership of Academic Bodies:

1. **Fellow of International Society for Tropical Ecology (FTE)**
2. **Fellow of Indian Botanical Society (FBS)**
3. **Fellow of Indian Academy of Environmental Sciences (FIAES)**
4. **Elected Sectional Member** of Environmental Science Section in **Indian Science Congress Association** for 2014-2015 (102nd Session)
5. **Elected Vice President of Society of Life Sciences of India** in 2014-2015
6. **Life Member of International Society of Environmental Botanists.**
7. **Life Member of The Indian Science Congress Association (L10840)**
8. **Life Member of Association for Plant Taxonomy**
9. **Life Member of Indian Science News Association**
10. **Life Member of Society of Life Sciences of India**
11. **Life Member of Inst. of Science Education and Culture**
12. **World Environment Organization, Washington**
13. **International Conservation Society, Indonesia**
14. **Member of International Society for Development, Italy**
15. **International Natural Hygiene Society**
16. **Member of Society for Plant Research**

Reviewer of the Journals:

1. **Environmental Science and Pollution Research (Springer)**
2. **Environmental Engineering (Springer)**
3. **Environmental Monitoring and Assessment (Netherlands)**
4. **African Journal of Agricultural Research (Kenya)**
5. **International Journal of Water (U.K.)**
6. **International Journal of Physical Sciences (Turkey)**
7. **International Journal of Plant Biology (Italy)**
8. **Journal Ecology and Natural Environment (Italy)**

9. **Journal Flood Engineering (Delhi)**
10. **Ecological Engineering (Elsevier)**
11. **International Scholarly Research Notice (Hindwai)**
12. **International Journal of Agricultural Policy and Research (I.F. 1.2668)**
13. **Natural Resource Forum (NRF)**
14. **Water**
15. **Hydrology Current Research**
16. **Industrial Pollution Control**

Member of Editorial Board (Journals):

1. **Member Editorial Board International Association of Scientific Innovation and Research (IASIR), Georgia, U.S.**
2. **Member Editorial Board Modern J. Life Sciences**
3. **Member Editorial Board Sodh Dhara**

Publications:

A. Books

1. Shashi and **A.K. Dwivedi** (2010) **River Pollution and Solution**; Publisher: New Central Book Agency (P) Ltd., Calcutta, **ISBN: 978-81-7381-622-2.**
2. **Dwivedi, A.K.** and S.C. Tripathi (2010) **Environment and Biodiversity** (Edited); Publisher: Lambert Academic Publisher (LAP), Germany, **ISBN:978-3-8383-8115-2.**
3. **Dwivedi, A.K.** and U.B. Prajapati (2011) **Pollution in Tropical River Ami- An Experimental Approach**; Publisher: Lambert Academic Publisher (LAP), Germany, **ISBN: 978-3-8433-7712-6.**
4. **Dwivedi, A.K.,** M. Srivastava and V.N. Pandey (2011) **Biotic Potential and the Abiotic Stress** (Edited); Publisher: Lambert Academic Publisher (LAP), Germany, **ISBN:978-3-8354-1211-5.**
5. **Dwivedi, A.K.,** Hadi Hasan and Rahul Singh (2012) **Lake & Ground Water**; Publisher: Lambert Academic Publisher (LAP), Germany, **ISBN: 978-3-8473-4759-0.**
6. **Dwivedi, A.K.** (2013) **Transdisciplinary Environmental Issues** (Edited); Publisher: Lambert Academic Publisher (LAP), Germany, **ISBN: 978-3-659-354-10-6.**
7. **Dwivedi, A.K.** (2014) **Anthropocology and Applied Biodiversity** (Edited); Publisher: Lambert Academic Publisher (LAP), Germany, **ISBN: 978-3-659-22189-7.**
8. **Dwivedi, A.K.,** Madhvi Tiwari (2017) **Waste Water Irrigation**; Publisher: Lambert Academic Publisher (LAP), Germany, **ISBN: 978-620-2-06310-4.**

9. **Dwivedi, A.K.** (2023) **Groundwater Arsenic: Causes, Consequences and Mitigation;** Publisher: Writers Row Publication, Bangalore, India, **ISBN: 978-93-955-838-24.**

B. Chapters in Edited Books:

1. **Dwivedi, A.K.,** H. Hasan and Shashi (2009) **Anthropecology of Aquatic Bodies,** In Plant Physiology in Agriculture and Forestry (Ed. P.C. Trivedi), Aavishkar Publishers and Distributors, Jaipur, India: 248-254[**ISBN: 978-81-7910-272-5**].
2. **Dwivedi, A.K.,** Pandey, S. and Shashi (2009) **Hospital Waste: At a Glance,** In Microbes Applications and Effect (Ed. P.C. Trivedi), Aavishkar Publishers and Distributors, Jaipur, India: 114-119[**ISBN: 978-81-7910-271-8**].
3. Prajapati, U.B. and **A.K. Dwivedi** (2010) **River Water versus Water Pollution** In: Environment and Biodiversity (Eds. A.K. Dwivedi and S.C. Tripathi), Lambert Academic Publisher (LAP), Germany: 131-154 [**ISBN:978-3-8383-8115-2**].
4. Tripathi, P., Shashi and **A.K. Dwivedi** (2010). **Development, Environment and Politics** In: Environment and Biodiversity (Eds. A.K Dwivedi and S.C. Tripathi), Lambert Academic Publisher (LAP), Germany: 183-189 [**ISBN:978-3-8383-8115-2**].
5. **Dwivedi, A.K.,** Hadi Hasanand Shashi (2010). **Monetary Value of Lake Ramgarh (Gorakhpur, UP, India): A Preliminary Investigation.** In: Advances in Life Sciences (Eds. R. P. Sinha, Naveen K. Sharma and A. K Rai), I.K. International Publishing House, New Delhi, India: 463- 468 (**ISBN: 978-93-81141-04-5**).
6. Hasan, H., **A.K. Dwivedi** and S. Kumar (2011). **Economics and Ecology of Ramgarh Lake, a Mega Lentic Ecosystem in India.** In: Biotic Potential and the Abiotic Stress (Eds. Dwivedi, A.K., M. Srivastava and V.N. Pandey), Lambert Academic Publisher (LAP), Germany: 169-180 [**ISBN:978-3-8354-1211-5**].
7. **Dwivedi, A.K.,** U.B. Prajapati and Shashi (2011) **Water Water Every Where, but not a Drop to Drink,** In Plant Environment Interaction (Ed. P.C. Trivedi), Pointer Publishers and Distributors, Jaipur, India: 65-79[**ISBN: 978-81-7132-624-6**].
8. Singh, Rahul and **A.K.Dwivedi** (2011). **Status and Statute of Groundwater: A Review** In: Biotic Potential and the Abiotic Stress (Eds. Dwivedi, A.K., M. Srivastava and V.N. Pandey), Lambert Academic Publisher (LAP), Germany: 247-272 [**ISBN:978-3-8354-1211-5**].
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79. Tripathi, Kavita and **Anil K Dwivedi** (2021) Qualitative Analysis of Solid Waste: A Mini-Review, *Indian Science Cruiser*, 35(5): 12-18 [ISSN: 0970-4256].
80. Srivastava, Amrita and **Anil K Dwivedi** (2021) Biosorption of Arsenic in Contaminated Water: A Review, *Innovation the Research Concept*, 6(10): E-158 - E-162 [ISSN: 2456-5474].

81. Singh, Kajal, **Anil K Dwivedi**, C.O. Samuel and Tulika Sharma (2021) Food Adulterants and their Impact on Human Health: A Review, *J Emerging Technologies and Innovative Research*, 8(12): c193-c200 [ISSN: 2349-5162].
82. Tripathi, Kavita and **Anil K Dwivedi** (2021) Impact of Dumping on Ground Water: A Review, *Int. J Creative and Research Thoughts*, 9(12): e603-e610 [ISSN: 2320-2882].
83. Singh, Ramashray and **Anil K Dwivedi** (2022) A Systematic Review of Fossil Flora with Special Reference to Phytogeographic and Paleoclimatic Implication and Exploration of Nearest Living Relative, *J Emerging Technologies and Innovative Research*, 9(4): d182-d190 [ISSN: 2349-5162].
84. Tripathi, Kavita and **Anil K Dwivedi** (2022) Physico-chemical Analysis of Groundwater near Dumping Site of Gorakhpur, *I. J Trends in Scientific Research and Development*, 6(4): 855-867 [e-ISSN: 2465-6470].
85. Singh, Ramashray and **Anil K Dwivedi** (2022) A Review on Process of Fossilization with Reference to Ecological, Evolutionary and Environmental Relationship, *J Emerging Technologies and Innovative Research*, 9(4): d275-d283 [ISSN: 2349-5162].
86. Avinash Kumar and **Anil K Dwivedi** (2022) Ecological Investigation of Bakhira Bird Sanctuary St. Kabeernagar, Uttar Pradesh, *I. J Trends in Scientific Research and Development*, 6(4): 1077-1086 [e-ISSN: 2465-6470].
87. **Anil K Dwivedi** (2022) Study of Cause of Groundwater Arsenic in Rural Area of Eastern Uttar Pradesh, India, *I. J Innovative Research in Science Engineering and Technology*, 11(8): 1104-11016 [e-ISSN: 2319-8753; p-ISSN: 2320-6710]. | DOI:10.15680/IJIRSET.2022.1108084
88. Tripathi, Dhananjay Mani and **Anil K Dwivedi** (2022) Study of Quantity and Components of Solid Waste in Modern Village of Uttar Pradesh, *I. J Trends in Scientific Research and Development*, 6(5): 1029-1032 [e-ISSN: 2465-6470].
89. **Anil K Dwivedi** (2022) Study of Groundwater Arsenic in Tarai Belt of Uttar Pradesh, India, *I. J Trends in Scientific Research and Development*, 6(6): 153-163 [e-ISSN: 2465-6470].
90. **Anil K Dwivedi** (2022) Treatment of Groundwater Arsenic using Botanical Tools, *I. J Trends in Scientific Research and Development*, 6(6): 568-559 [e-ISSN: 2465-6470].
91. Dwivedi, Shashi and **Anil K Dwivedi** (2022) Role of Hormonal Imbalance in Weight Management, *I. J Multidisciplinary Research in Science, Engineering, Technology and Management*, 9(9): 2206-2213 [ISSN: 2395-7639].
92. Dwivedi, Shashi and **Anil K Dwivedi** (2022) Human Obesity and Related Health Issues, *I. J Innovative Research in Science Engineering and Technology*, 11(10): 12558-12568 [e-ISSN: 2319-8753; p-ISSN: 2320-6710].
93. Dwivedi, Shashi and **Anil K Dwivedi** (2022) Lack of Insoluble Dietary Fibre in Food: A challenge for Gut Health in India, *I. J Innovative Research in Science Engineering and Technology*, 11(12): 14446-14455 [e-ISSN: 2319-8753; p-ISSN: 2320-6710].
94. Mishra, Ajay Kumar, **Anil K Dwivedi** and Naval Kishor Dubey (2022) Efficacy of Essential oil of *Lippia alba* against Fungi causing Post harvest Diseases of some Fungi, *I. J Multidisciplinary Research in Science, Engineering, Technology and Management*, 9(12): 2968-2972 [ISSN: 2395-7639].

95. Mishra, Ajay Kumar, **Anil K Dwivedi** and Naval Kishor Dubey (2022) In Vitro Antifungal Efficacy of some Essential Oils against Storage Pest, *I. J Innovative Research in Science, Engineering and Technology*, 11(12): 14363-14367 [eISSN: 2319-8753, p ISSN: 2347-6710].
96. Mishra, Ajay Kumar, **Anil K Dwivedi** and Naval Kishor Dubey (2022) Toxicity of the Essential Oil of *Lippia alba* against *Tribolium castaneum* and *Sitophilus oryzae*, *I. J Innovative Research in Science, Engineering and Technology*, 11(12): 14358-14362 [eISSN: 2319-8753, p ISSN: 2347-6710].
97. Mishra, Ajay Kumar, **Anil K Dwivedi** and Naval Kishor Dubey (2022) Essential oil of *Lippia alba* as a Protectant against Stored Food Commodities, *I. J Multidisciplinary Research in Science, Engineering and Technology*, 5(11): 1733-1737 [ISSN: 2582-7219].
98. Mishra, Ajay Kumar, **Anil K Dwivedi** and Naval Kishor Dubey (2022) Fungitoxic and Insecticidal Properties of Essential oil of *Chenopodium ambrasioides* against *Aspergillus flavus* and *Sitophilus oryzae*, *I. J Multidisciplinary Research in Science, Engineering and Technology*, 5(11): 1726-1732 [ISSN: 2582-7219].
99. Singh, Garima, Hadi Hasan and **Anil K Dwivedi** (2023) Study of Arsenic Loading in the Grains of Rice when irrigated using Arsenic Contaminated Water in Eastern Uttar Pradesh, India: A Case Report, *I. J Advanced Research in Arts, Science, Engineering and Management*, 10(6): 3435-3441 [ISSN: 2395-7852].
100. Diwakar and **Anil K Dwivedi** (2023) Seasonal Variation in Macrophytic Diversity of River Ami, Magahar, Sant Kabir Nagar, *Indian Science Cruiser*, 37(2): 8-14 [ISSN: 0970-4256].
101. Hadi Hasan and **Anil K Dwivedi** (2024) Study of Physico-chemical properties of Water in Ramgarh Lake in light of Good Management Practices of Last Few Years, *I. J Innovative Research in Science Engineering and Technology*, 13(1): 284-288 [e-ISSN: 2319-8753; p-ISSN: 2320-6710].
102. Singh, Garima and **Anil K Dwivedi** (2024) Study of Growth Behaviour of *Nostoc* species in Paddy Crop due to Irrigation by Arsenic Contaminated Water, *I. J Trends in Scientific Research and Development*, 8: 111-116 [[e-ISSN: 2456-6470; p-ISSN: 2320-6710].
103. Diwakar and **Anil K Dwivedi** (2024) Water Quality of River Ami River: A Study, *University News*, 62(05): 22-26 [ISSN: 0566-2257].
104. Singh, Garima and **Anil K Dwivedi** (2024) Contribution of Heterocyst bearing Naturally Growing Algal Forms in the Productivity of Paddy, *I. J Advanced Research in Electrical, Electronics and Instrumentation Engineering*, 13(3): 485-490 [e-ISSN: 2278-8875; p-ISSN: 2320-3765].

Conference/Seminar/Workshop Attended/ Presented Paper:

- 1 National Conference for *Better Environment in 21st Century* at S.B.P.G. College, Baragaon, Varanasi, during 8-10 Oct. 1999.
- 2 National Seminar on *Emerging Trends in Environmental Management* at CAS in Botany, BHU Varanasi on 26th Feb. 2001.
- 3 National Seminar on *Sustainable Eco survival for 21st Century* organized by S.A.K.A. P.G. College, Varanasi on 12th Jan. 2003.
- 4 National Seminar on *Status of Environmental Management in Mining Industry* organized by I.T., BHU, Varanasi during 17th and 18th Jan. 2003.
- 5 National Conference on *Global Air Pollution and Water as Sustainer of Life* organized by S.B.P.G. College, Baragaon, Varanasi on 9th and 10th Feb. 2003.
- 6 National Seminar on *Water Management and Pollution* organized by Udai Pratap Auton. P.G. College, Varanasi on 29th March, 2003.
- 7 National Seminar on *Strategies for Environmental Quality Management in Urban Area* organized by S.A.K.A. P.G. College, Varanasi on 28th Oct. 2004.
- 8 National Seminar on *Biodiversity Conservation and Sustainable Development* organized by M.L.K. P.G. College, Balrampur during 4th-6th March 2005.
- 9 Workshop on *Research Proposal and Resources* organized by UGC- Academic Staff College, DDU Gorakhpur University, Gorakhpur on 24th and 25th Oct. 2005.
- 10 National Seminar on *Global Pollution: A Serious Threat to Indian Biodiversity* organized by S.B.P.G. College, Baragaon, Varanasi on 31st Jan. and 1st Feb. 2006.
- 11 International Symposium on *Current Issues in Zoology and Environmental Science* organized by DDU Gorakhpur University, Gorakhpur and Academy of Environmental Sciences on 11th -13th Nov. 2006.
- 12 National Symposium on *Microbial Diversity and plant health Problems* organized by DDU Gorakhpur University, Gorakhpur and Indian Phytopathological Society, New Delhi on 18th and 19th Dec. 2006.
- 13 National Seminar on *Emerging Trends in Plant Science: Biodiversity, Biotechnology and Environmental Conservation* organized by Jiwaji University, Gwalior on 28th -30th Nov. 2007.
- 14 National Symposium on *Relevance of Linnean Legacy and Thoughts on Plant Diversity in His Tercentenary Years* organized by Jiwaji University, Gwalior on 28th -30th Nov. 2007.
- 15 30th *Botanical Conference* of *Indian Botanical Society*, 2007; Presented paper entitled *The Shrinking Biodiversity- An Information*.
- 16 National Conference on *Strategies for Water Resource Conservation and Management* conducted at S.B. P.G. College, Baragaon, Varanasi on 30th and 31st Oct. 2008; Presented paper entitled *Ecological Investigation of Ganga Express Way*.
- 17 1st *Rastriya Yuva Vaigyanik Sammelan* conducted at National Institute of Technology, Kurukshetra, Haryana during 28 to 30, Nov. 2008; Presented paper entitled *Ecological Backlashes of Ganga Express Way*.

- 18 31st *Botanical Conference* of *Indian Botanical Society*, 2008 conducted at Allahabad University, Allahabad.
- 19 International Conference on *Plant Biology and Environment: Changing Scenario* conducted at University of Allahabad, Allahabad during 17th and 19th Dec. 2008; Presented paper entitled *Ganga Express Way and Wetland Destruction*.
- 20 National Conference on *Biofunctions, Biodiversity and Plant Resource Utilisation* (BBPRU-2009) funded by UGC, DST, DBT, CST, CSIR etc. at DDU Gorakhpur University, Gorakhpur during 30th and 31st Jan. 2009, organised as the **Treasurer**.
- 21 2nd National Conference on *Innovations in Indian Science, Engineering and Technology* conducted under Swadeshi Science Movement of India, Delhi at National Physical Laboratory, New Delhi during 17th to 19th, Jul. 2009.
- 22 Work-shop (Regional Seminar) on *Intellectual Property and Innovation Management in Knowledge Era*, in collaboration with National Research Development Corporation, New Delhi at DDU Gorakhpur University, Gorakhpur during 21st and 22nd July, 2009, organised as **Coordinator (Organising Secretary)**.
- 23 Work-shop on *Ganga & Ground Water Contamination and its Mitigation*, organised by Central Ground Water Board, Ministry of Water Resources, Government of India; Centre for Environmental Science and Technology and The Ganga Research Centre, B.H.U., Varanasi during 17th and 18th Sep., 2009
- 24 International Congress on *Recent Advances in Environmental Science and Technology*, organised by Centre for Environmental Science and Technology, B.H.U., Varanasi during 2nd to 4th November, 2009, **delivered Lead Lecture and Chaired a Technical Session**.
- 25 National Conference on *Environmental Pollution and Climate Change* conducted at S.B. P.G. College, Baragaon, Varanasi on 18th and 19st Dec. 2009; **(Delivered Lead Lecture** on the topic "*U*" turn in the *Ganga Express Way*).
- 26 Completed **Faculty Development Programme in Entrepreneurship (2 Week work-shop)** conducted by **Entrepreneurship Development Institute of India, Ahemdabad**, sponsored by **National Science and Technology Entrepreneurship Development Board, DST, Government of India, New Delhi**, Organised at DDU Gorakhpur University, Gorakhpur during Feb. 2010.
- 27 National Conference on *Challenges in Life Sciences with Changing Environment* and Prof. H.S. Srivastava Memorial Lecture Series, organised by Sacred Heart Degree College, Sitapur and Prof. H.S. Srivastava Foundation for Science and Society, Lucknow during 21st and 22nd Feb., 2010, **(Delivered Lead Lecture)**.
- 28 Work-shop on *Land to Lab: Exploring Farmers Priorities of Research to Adapt to Climate Change*, in collaboration with Gorakhpur Environmental action Group (GEAG), Gorakhpur at DDU Gorakhpur University, Gorakhpur on 27th Feb. 2010, organised as **the Organising Secretary**.
- 29 Workshop (UGC Sponsored) on *Information and Security* organized by UGC- Academic Staff College, DDU Gorakhpur University, Gorakhpur on 20th Mar. 2010.
- 30 National Seminar on *Emerging Dimensions of Higher Education: Challenges and Solutions* organized by Akhil Bhartiya Shaikhik Mahasangh at Banaras Hindu University, Varanasi during 11th and 12th September 2010 **(Delivered Lead Lecture)**.
- 31 **SAARC Workshop on Biodiversity and Conservation** at BHU, Varanasi conducted on 21st and 22nd Sep. 2010.

- 32 National Seminar on *Ecological Strategies to Save the Earth and it's Biotic Environment* organized by S.B.P.G. College, Baragaon, Varanasi on 11th and 12th December 2010 **(Delivered Lead Lecture)**.
- 33 National Conference on *Climate Change and Biodiversity* organized by Saraswati Vidya Mandir, Mahila P.G. College, Gorakhpur during 21st and 22nd January 2011.
- 34 National Conference on *Environmental Problems in India and Challenges to Plant Biologists* organized by Udai Pratap Auton. P.G. College, Varanasi on 4th and 5th February, 2011**(Delivered Lead Lecture and Chaired A Technical Session)**.
- 35 National Conference on *Climate Change, Biodiversity and Conservation* organized by Department of Botany, St. Andrew's College, Gorakhpur during 16th and 17th February 2011 **(Delivered Lecture)**.
- 36 National Conference on *Biodiversity: Challenges and Opportunities* organized by Department of Botany, Maharshi Dayanand University, Rohtak, Haryana during 18th and 19th February 2011 **(Delivered Lecture)**.
- 37 National Conference on *Status of Biodiversity- Matter of Global Concern* organized by Shiv Pati P.G. College, Sohratgarh, Siddharthnagar during 21st and 22nd February 2011.
- 38 National Seminar on *Emerging Trends in Plant Sciences* organized by CAS Botany, Banaras Hindu University, Varanasi during 3rd and 4th March 2011.
- 39 Workshop on *Environment and Biodiversity* organized by Department of Botany, DDU Gorakhpur University and Sohratgarh Environmental Society, Siddharth Nagar (Ministry of Environment and Forest, Government of India) on 14th March, 2011.
- 40 National Seminar on *Right to Education* organized by Kuteer P.G. College, Chakkey, Jaunpur on 27th and 28th March, 2011 **(Delivered Lead Lecture)**.
- 41 Workshop on *Enhancing Quality in Higher Education Institutions-An IQAC Approach* organized by IQAC, DDU Gorakhpur University and Uttar Pradesh Higher Education Council on 7th Sept. 2011.
- 42 National Conference on *Biotechnology for Sustainable Development* organized by Department of Biotechnology, DDU Gorakhpur University, Gorakhpur during 15th and 16th Nov. 2011.
- 43 National Conference on *Biodiversity: Changing Patterns and Conservation Strategies* organized by Department of Botany, DDU Gorakhpur University, Gorakhpur during 26th to 28th Nov. 2011**(Joint Secretary)**.
- 44 National Seminar on *Environmental Degradation Due to Human Activities and Suggestive Measures in Urban and Industrial Area* organized by S.B.P.G. College, Baragaon, Varanasi on 17th and 18th December 2011 **(Key Note Address)**.
- 45 **99th India Science Congress** at Bhuvaneshwar during 3rd to 7th Jan. 2012; Presented Paper entitled **"Phytoremediation of Polluted Groundwater"**.
- 46 National Seminar on *Environmental Issues and Green Chemistry in day to Day Life* organized by S.B.P.G. College, Baragaon, Varanasi on 21st and 22nd January, 2012 **(Invited Lecture)**.
- 47 National Conference on *Climate Change, Biodiversity and Conservation* organized by Department of Botany, St. Andrew's College, Gorakhpur during 15th and 16th February 2012 **(Delivered Lecture)**.

- 48 National Seminar on *Loss of Biodiversity: Causes Consequences and Conservation Strategies* organized by S.G.R.P.G. College, Dobhi, Jaunpur on 28th and 29th February, 2012 (**Invited Lecture**).
- 49 National Seminar on *Environmental Concerns and Sustainable Development: Issues and Challenges for India* organized by Institute of Environment and Sustainable Development (IESD), BHU, Varanasi during 2nd to 4th March 2012 (**Presented Paper**).
- 50 National Conference on *Issues and Challenges of River Ganga Basin Management* organized by Department of Environmental Science and Technology, Banaras Hindu University, Varanasi during 26th to 28th March, 2012 (**Invited Lecture**).
- 51 International Seminar on *Rethinking Development: Searching for Alternatives* organized by Centre for Study of Social Exclusion and Inclusive Policy (CSSEIP), BHU, Varanasi during 30th and 31st March 2012 (**Presented Paper**).
- 52 National Conference on *Chemistry & Life* organized by CMP Degree College, Allahabad during 16th and 17th September, 2012.
- 53 National Conference on *Status of Environment and Biodiversity: RIO+20 and Role of Space Technology* organized by Indian Academy of Environmental Sciences at the Department of Environmental Science and Zoology, Gurukul Kangri University, Haridwar during 2nd and 3rd November, 2012 (**Invited Lecture**).
- 54 National Conference on *Climate Change: Consequences, Mitigation and Remedy* organized by S.B.P.G. College, Baragaon, Varanasi on 16th and 17th December, 2012 (**Invited Lecture**).
- 55 **100th India Science Congress** at Kolkata during 3rd to 7th Jan. 2013; Presented Paper entitled **“Risk over Water Resources”**.
- 56 1st Uttar Pradesh Science Congress *Science for Shaping the Future of Uttar Pradesh (Theme)* organized by DDU Gorakhpur University, Gorakhpur during 2nd and 4th March, 2013.
- 57 National Seminar on *Enhancing Water Productivity in Agriculture* organized by Department of Agronomy, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi on 8th and 9th March, 2013.
- 58 2nd National Symposium on *BARC Technologies for Development of Rural India (BTDR-2013)* organized by BARCOA and BRNS Mumbai and conducted at DDU Gorakhpur University, Gorakhpur during 12th and 13th March, 2013.
- 59 National Seminar on *Himalayan Devastation and Eco-balancing* organized by Department of Botany, University of Lucknow, Lucknow on 31st Aug. 2013.
- 60 National Conference on *Drug Discovery, Threatened Medicinal Plants & Strategies for Sustainable Use* organized by St. Andrew’s College, Gorakhpur on 25th and 26th September, 2013 (**Invited Lecture**).
- 61 36th **All India Conference** of *The Indian Botanical Society*, 2013 conducted at DDU Gorakhpur University, Gorakhpur during 18th to 20th October, 2013.
- 62 International Conference on *Harmony with Nature in Context of Ecological Intervention and Climate Change (Harmony-2013)*, Organised by Department of Zoology, Biotechnology and Environmental Science, DDU Gorakhpur University, Gorakhpur during 11th to 13th , November, 2013.

- 63 International Conference on *Health, Environment and Industrial Biotechnology (Biosangam-2013)*, Organised by Department of Biotechnology, Motilal Nehru Institute of Technology, Allahabad during 21st to 23rd, November, 2013.
- 64 *Workshop on Intellectual Property Rights*, organised by National Institute of Electronics & Information Technology, MMM University of Technology, Gorakhpur, topic on 22nd December, 2013(**Keynote address Topic: IPR & TK**).
- 65 National Conference on *Conservation Strategies for Degrading Ecosystems in Present Scenario* organized by S.B.P.G. College, Baragaon, Varanasi on 24th and 25th December, 2013 (**Invited Lecture Topic: Biodiversity and IPR**).
- 66 *101st India Science Congress* at Jammu during 3rd to 7th Feb. 2014.
- 67 National Seminar on *Recent Trends in Microbiology*, Organised by Department of Industrial Microbiology, DDU Gorakhpur University, Gorakhpur during on 15th March, 2014 (**Treasurer**).
- 68 National Conference on *Vistas of Environmental Awareness*, Organised by Kashi Naresh Govt. PG College, Gyanpur, Bhadohi-221304 during on 30 and 31st March, 2014.
- 69 International Conference on *Modelling and Simulation of Diffusive Processes & Applications* organized by Department of Mathematics, BHU, Varanasi (**Res. Paper: pH Dynamics of River Varuna, A Tributary of River Ganga**) during October 29-31, 2014.
- 70 National Conference on *Biodiversity & Climate Change Adaptations- Current Status Trends & Policy Responses* organized by St. Andrew's College, Gorakhpur on December 3 and 4, 2014 (**Invited Lecture Topic: Climate Change: Causes & Consequences**).
- 71 *102nd India Science Congress* at Mumbai during 3rd to 7th Jan. 2015; Presented Paper entitled "**Risk over Water Resources**".
- 72 *Symposium on Ancient Indian Sciences Through Sanskrit (in India Science Congress at Mumbai)* during 3rd to 7th Jan. 2015; organised by Kavi kulguru Kalidas Sanskrit University, Ramtek and Department of Sanskrit, University of Mumbai (Attended).
- 73 National Conference on *Need to Conserve Biosphere & Natural Resources in Present Scenario* organized by S.B.P.G. College, Baragaon, Varanasi on 24th and 25th January, 2015 (**Invited Lecture Topic: IPR and Natural Gifts**).
- 74 National Conference on *Banaras: Kal, Aaj aur Kal* organized by Kashi katha at Banaras Hindu University, Varanasi on 8th and 9th February, 2015 (**Paper Topic: Need of Sustainable Development for the Cultural Capital of India**).
- 75 International Symposium on *Innovations in Educational Environmental and Health Research* organized by SEDER at Banaras Hindu University, Varanasi on 23rd and 24th February, 2015 (**Invited Lecture: Development and Water Resources**).
- 76 National Seminar on *Swavalamban evam Kaushal Vikas: Gandhi Drishti* coorganised by Gandhi Study Centre, HC PG College, Dept. of Social Science, SS University and SB PG College, Baragaon, Varanasi during June 28-29, 2015 (**Res. Paper: Gandhi evam Paryavaran Chintan**).
- 77 UGC International Certificate Course & Workshop on *Sports, Medicine, Science & Yoga* organized by CHC Athletic Association, BHU, Varanasi on 15th to 17th July, 2015 (**Delivered Lead Lecture: Needs of Sports Distribution as per Climatic Geography of India and Chaired A Technical Session**).

- 78 6th IJAA-JSPS International Conference on *Contemporary Advances of Science and Technology* organized by JSPS, Toyo University, Japan and Dept. of Physics, BHU, Varanasi during August 7-9, 2015 (**Res. Paper Consequences and Mitigation of Groundwater Arsenic**).
- 79 38th *All India Conference of The Indian Botanical Society*, 2015 conducted by Department of Botany, University of Rajasthan, Jaipur during 26th to 28th October, 2015 (**Res. Paper Problem Before Water Resources**).
- 80 International Symposium on *Frontiers of Natural Products Research and Human Health* organized by Department of Zoology, DDU Gorakhpur University, Gorakhpur on Dec., 19, 2015 (**Res. Paper Arsenic Distribution in Ground Water**).
- 81 National Conference on *Climate Change, Medicinal Plants & Public Health: Strategizing an Ethnobotanical- Social Resilience* organized by Department of Botany, St. Andrew's College, Gorakhpur during 27th and 28th January 2016 (**Delivered Lecture: Phytoremediation of Water..... and Azolla pinnata**).
- 82 National Conference on *Climate Change: Challenges to Plant Biologists* organized by Udai Pratap Auton. P.G. College, Varanasi on 27th March, 2016 (**Delivered Lead Lecture: Fate of GM Crops and Chaired A Technical Session**).
- 83 National Conference on *Biodiversity, Taxonomy and Conservation* organized by KKM College, Pakur and SKM University, Dumka on 6th and 7th May, 2016 (**Delivered Lead Lecture: Natural Water Resources in Anthropological Stress and Chaired A Technical Session**).
- 84 National Conference on *Climate Change and its Impact on Human Life and Society* organized by Dr. Shyama Prasad Mukherjee Govt. Degree College, Bhadohi on 17th and 18th Feb., 2017 (**Delivered Key Note Lecture: Climate Change and Food Security through GM Crops**).
- 85 National Conference on *Issues and Challenges in Ecological Sciences* organized by CAS in Botany, Institute of Science, BHU, Varanasi on 23rd and 25th Feb, 2017 (**Delivered Lead Lecture: Risk over Water Resources: Arsenic**).
- 86 National Conference on **Prospects and Retrospects of Life Sciences in India** organized by Department of Botany, UP College, Varanasi during 25th and 26th February 2018 (**Delivered Lecture: Diversity of Underutilised Wetland Plants**).
- 87 International Symposium on **Environmental, Educational and Biological Research for Human Welfare** organized by SEDER and Department of Agronomy, IAS, BHU, Varanasi during 25th and 26th March 2018 (**Delivered Lecture: Causes, Consequences and Remedy of Murophytes**) also Chaired a Session.

Lectures other than Conference:

1. Before the students of B.Sc. III (Biotechnology) at SMM Town PG College, Ballia on the topic: ***“Plant Tissue Culture: Triploids Production”*** on 8th Feb. 2010.
2. Delivered Lecture before the students of B.Sc. at HR P.G. College, Khalilabad, St. Kabeernagar on the topic ***“Water Pollution: Causes and Consequences”*** on 12th Feb. 2011.
3. Delivered Lecture before the students of P.G. (Science + Arts) ***regarding the preparation of CSIR-UGC NET***, at SB P.G. College, Baragaon, Varanasi on 23rd Feb. 2011.
4. Delivered lecture in ***Orientation Course***, conducted by UGC Academic Staff College, DDU Gorakhpur University, Gorakhpur on the topic ***“In-hand Practical Training of Computer”*** on 18th Jan. 2013.
5. Delivered lecture in ***2nd Refresher Course in Life Sciences***, organized by the Department of Botany and conducted by UGC Academic Staff College, DDU Gorakhpur University, Gorakhpur on the topic ***“Practical Taxonomy (Herbarium)”*** on 30th Jan. 2013.
6. Delivered lecture in ***Orientation Course***, conducted by UGC Academic Staff College, DDU Gorakhpur University, Gorakhpur on the topic ***“Power-point and it’s Application: A Practical Approach”*** on 27th Nov. 2013.
7. Keynote address in ***Workshop on Intellectual Property Rights***, organised by National Institute of Electronics & Information Technology, MMM University of Technology, Gorakhpur, topic ***“IPR & TK”*** on 22nd December, 2013.
8. Delivered lecture in ***Orientation Course***, conducted by UGC Academic Staff College, DDU Gorakhpur University, Gorakhpur on the topic ***“MS Word and its Applications”*** on 26th Aug. 2014.
9. Delivered **2** lectures in ***Orientation Course***, conducted by UGC Academic Staff College, DDU Gorakhpur University, Gorakhpur on the topics ***“Medicine”*** and ***“Water”*** on 9th and 10th June 2015.
10. Delivered lecture in ***Yogi Gambheer Nath Series of Lecture***, conducted by Digvijay Nath PG College, Gorakhpur on the topic ***“Depleting Water Resources”*** on 23rd Aug. 2016.
11. Delivered lecture in ***Orientation Course***, conducted by UGC Academic Staff College, DDU Gorakhpur University, Gorakhpur on the topic ***“Water Crises”*** on 8th Sep. 2016.
12. Delivered lecture in ***Refresher Course***, conducted by UGC Academic Staff College, DDU Gorakhpur University, Gorakhpur on the topic ***“Ecology of Water”*** on 8th Sep. 2016.
13. Delivered a lecture in ***Orientation Course***, conducted by UGC HRDC, DDU Gorakhpur University, Gorakhpur on the topics ***“Science of Medicine and Health”*** on 9th August 2017
14. Delivered a lecture in ***Orientation Course***, conducted by UGC HRDC, DDU Gorakhpur University, Gorakhpur on the topics ***“Power Point Presentations”*** on 25th May 2017
15. Delivered a lecture in ***Short Term Training Course on Molecular Techniques in Plant Sciences***, conducted by Department of Botany, St. Andrew’s College, Gorakhpur on the topics ***“Action of Nanoparticles in Medicine”*** conducted February 1st to 22nd, 2018.

Extra Curricular Activities:

1. Represented S.K.C.A.S.I. College Varanasi and participated in **Double Helix Quiz** conducted by BHU Varanasi, sponsored by **DBT Govt. of India**, New Delhi, during National Science Week (Feb. 28 to March 04, 1990) in the year 1990.
2. Won 3rd prize in poster competition, organized by **BHU Botanical Society** during 1997-98.
3. Won 3rd prize in essay competition, organized by **BHU Botanical Society** during 1997-98.
4. Interview on the topic “*Water pollution and the spreading diseases*” was telecasted from **All India Radio** Gorakhpur on 18th Nov. 2003.
5. A speech on the topic “*Water pollution problems and solutions*” was telecasted from **All India Radio** Gorakhpur on 27th Sept. 2004.
6. A speech on the topic “*Environmental conservation and its importance*” was telecasted from **All India Radio** Gorakhpur on 8th Feb. 2005.
7. A speech on the topic “*Ozone layer depletion and its ill effects*” was telecasted from **All India Radio** Gorakhpur on 9th May 2005.
8. Delivered Guest Lecture on topic “*Excessive use of plastic: Environmental crises*” organized by Department of Adult and Extension Education, DDU Gorakhpur University, Gorakhpur on 1st July 2005.
9. Delivered Guest Lecture on topic “*Environment and We*” organized by Samaj Kalyan Samiti, Gorakhpur on 10th Sept. 2005.
10. A speech on the topic “*Management of solid waste substances*” was telecasted from **All India Radio** Gorakhpur on 1st Nov. 2005.
11. An interview on the topic “*Day by day discoveries in the field of Microbiology*” was telecasted from **All India Radio** Gorakhpur on 7th Feb. 2006.
12. An interview on the topic “*Pollution: Problem and Solution*” was telecasted from **All India Radio** Gorakhpur on 3rd June 2006.
13. An interview on the topic “*Science News*” was telecasted from **All India Radio** Gorakhpur on 7th Nov. 2006.
14. Delivered several guest lectures on topics related to environment and for the students preparing for NET at S.A.K.A. P.G. College and S.B. P.G. College both at Varanasi.
15. An interview on the topic “*Microbial Diversity*” was telecasted from **All India Radio** Gorakhpur on 13th March 2007.
16. A speech on the topic “*The vanishing homes of the wildlife*” was telecasted from **All India Radio** Lucknow and **relayed by all the Radio Stations of U.P.** on 5th June. 2008.
17. A speech on the topic “*Dumping of the solid waste in lakes is not the right solution*” was telecasted from **All India Radio** Gorakhpur on 14th Aug. 2008.
18. Interview on the topic “*Future Prospects of Research and Career in Life Sciences*” was telecasted from **All India Radio** Gorakhpur on 11th May 2009.
19. An Educational Programme on the topic “*Biodiversity and its Importance*” was telecasted from **All India Radio** Lucknow and **relayed by all the Radio Stations of U.P.** on 30th Dec. 2010.
20. Interview on the topic “*Quality of Research*” was telecasted from **All India Radio** Gorakhpur in May 2012.

21. Interview on the topic “*Contribution of Youth for Environment*” was telecasted from **Door Darshan** Gorakhpur on 3rd July 2012.
22. A speech on the topic “*Human Genome Project*” was telecasted from **All India Radio** Lucknow and **relayed by all the Radio Stations of U.P.** on 2012.
23. Interview on the topic “*Causes and Consequences of Smog*” was telecasted from **Door Darshan Varanasi and Door Darshan UP, Lucknow** on 2017.

Place: Gorakhpur

Date: 31/05/2022

{**Anil K Dwivedi**}