

BRIEF BIO-DATA OF Dr. AMIT TIWARI

NAME : Dr. AMIT TIWARI
FATHER NAME : Mr. V.K. TIWARI
ADDRESS : 86/421, Deonagar, Kanpur
Uttar Pradesh, INDIA, Pin- 208003
Mob. 6393298458
QUALIFICATION : M.Sc., Ph.D. (Botany)
DESIGNATION : Assistant Professor, Botany
Department of Botany, D.B.S. P.G. College,
CSJM University, Kanpur, INDIA
TEACHING EXPERIENCE : Graduate and Post- graduate Teaching Since
2008 onwards.

MEMBERSHIP OF SCIENTIFIC SOCIETY

- Life member - The International Association for Ecology, Osnabrueck, Germany.
- Life member - Ocean Future Society, CA, U.S.A.
- Ex. Member- Society of Wetland Scientists, Middleton, Wisconsin, U.S.A.
(Awarded- Gratis Membership Award)
- Life member - Indian Science Congress Association, India.
- Life member – The Indian Botanical Society, India.

COUNTRY VISITED

- Quebec City, CANADA

AREA OF RESEARCH WORK

- Wetlands Bio-diversity, Restoration and Survival
- Utilization of hydrophytes as a source of subsidiary protein food.
- Studies on growth and metabolism of Duck weeds.
- Studies on effect of naturally occurring growth substances; their physiological and morpho-anatomical crop responses; growth development and yield of certain crop plants.

COURSES ATTENDED

1. “Wetland Management” Ducks Unlimited Canada, Quebec City, Canada, August 2000.
2. Faculty Training, Motivation and Adoption of Schools and Colleges Programme.
CSIR-National Botanical Research Institute, Lucknow, November 2015.

3. Faculty Training, Motivation and Adoption of Schools and Colleges Programme.
CSIR-National Botanical Research Institute, Lucknow, January 2017.
4. Faculty Training, Motivation and Adoption of Schools and Colleges Programme.
CSIR-National Botanical Research Institute, Lucknow, January 2018.
5. Training Workshop on Biodiversity Conservation, Wildlife Institute of India,
Dehradun, India, November 2019.
6. Training Workshop on Climate changes : Challenges and Response, Center for Disaster
Management, Lal Bahadur Shastri National Academy of Administration, Mussoorie (LBSNAA),
December, 2020.
7. Training Workshop on Planning and Management for Aquatic species conservation and
Maintenance of Ecosystem Services in Ganga River Basin, Wildlife Institute of India, March 2021.
8. Training Workshop on Natural Resource and Environment Management, Indian institute of Forest
Management, Bhopal, India, January 2022.
9. Training Workshop on Cycad Biology, CSIR-NBRI, Lucknow, India, December 2022.

Organize Workshop/Seminar

Wetland Biodiversity : Restoration and Survival, (2016)

Sponsored by- Wetland International, South Asia and Forest and Wildlife department, Uttar Pradesh, India.

Book Published

1. Advances in Plant Science, **ISBN: 978- 620-5-49854-5**, Published by Lambert Academic Publishing , Republic of Moldova, EU, <https://www.lap-publishing.com/catalog/details/store/ru/book/978-620-5-49854-5/advances-in-plant-science?search=Advances%20in%20plant%20sciences>
2. Advances in Biosciences, **ISBN: 978 – 81- 948583 – 0 – 0**, Published by Anusandhan Prakashan, India,
https://www.amazon.in/ADVANCES-BIOSCIENCES-DR-AMITTIWARI/dp/8194858305/ref=sr_1_1?crid=2SN9NIA5B9B2M&keywords=Advances+in+biosciences+AMit+Tiwari&qid=1678613015&srefix=advances+in+biosciences+amit+tiwar%2Caps%2C337&sr=8-1
3. Suchmajaiviki avum Padap Rog vigan (Hindi Edition), **ISBN:978-81 -948583 -7-9**, Published by Anusandhan Prakashan, India.

International Conference

1. **Tiwari, A. (2000)**- Duckweeds in landscapes of Kanpur, India. Quebec 2000: Millennium Wetland Event. Quebec, Canada: **192**

2. **Tiwari A and A.C. Shukla (2000)**- Algae and fungi of Panki, India: landscape protection. Quebec 2000: Millennium Wetland Event. Quebec, Canada: **291**
3. **Vinayak, R. and Amit Tiwari (2000)**- Commonality and contrasts of algal ecosystems of Allen Forest, Kanpur, India. Quebec 2000: Millennium Wetland Event. Quebec Canada: **291**
4. **Tiwari, A. (2002)**- Mapping Wetlands Interalia significance. 23rd Annual Conference on Wetland Linkages: A Watershed Approach, Lake Placid Resort, NY, U.S.A.: **160**
5. **Tiwari, A. (2011)**- Duckweed and their Utilization on Productivity of lentil and its Agricultural and Sociological value. XVIII International Botanical Congress 2011, Melbourne, Australia.
6. **Tiwari, A. (2011)**- Morpho-Anatomical Response of lentil plant to presoaking seed Treatment with *Wolffia arrhiza* extracts. XVIII International Botanical Congress 2011, Melbourne, Australia.
7. **Tiwari, A. (2017)**- Utilization of *Wolffia arrhiza* extracts for improvement of dry weight and number of nodules in lentil crop. XIX International Botanical Congress. 23-29 July 2017, Shenzhen, China: **489**

International Seminar

1. **North American Wetlands Restoration and conservation.** Quebec 2000: Millennium Wetland Event. Quebec, Canada.
2. **Tiwari, A. (2003)**- Utility of *Wolffia arrhiza* Extracts on vegetative growth of lentil. Natural Resources Management. 6-7 November 2003, Biratnagar, Nepal.
3. **Tiwari, A. and Neeraj Shukla (2007)**- Effect of 12 hours pre-Soaking seeds with *Wolffia arrhiza* extracts on growth and yield of lentil (*Lens Culinaris medikus*). Sustainable Use of Biological Resources, 22-23 April 2007, Pokhra, Nepal.
4. **Shukla, N. and Amit Tiwari (2007)**- Abundance of *Navicula* in Pandu river. Sustainable use of Biological Resources, 22-23 April 2007, Pokhra, Nepla.

National Conference

1. **Shukla, N. and Amit Tiwari (2007)**- Algal Flora and pollution load of river pandu- water at Bingawan, A sample survey. Indian Science Congress **Proc. 94**-Plan environment science Session, 3-7 January 2007, Annamalainagor, Chidambaram, Tamilnadu.
2. **Semwal, I.M., Amit Tiwari and Atul Kumar Singh (2009)**- Effect of thermal power ash on productivity of wheat crop around the Panki thermal power station, Panki (U.P.). National Symposium on Achieving Millennium Development Goals: Problems & Prospects, 25-26 October, 2009.

National Seminar

1. **Tiwari, A., Shukla, N. and Narendra Mohan (2006)**- Qualitative, Quantitative periodicity and Succession Algae at Panki of River Pandu Water. Emerging Trends in Plant Sciences: Biodiversity, Biotechnology and Environment, October 2006, Gwalior (M.P.), India.
2. **Tiwari, A., Tiwari, U. and Atul Singh (2009)**-Impact of Tannery effluent on growth behaviour of wheat (*Triticum vulgare* L.) seedling. National Seminar on the Environmental Science and Engineering, January 2009, Kanpur (U.P)
3. **Singh, S.P. Shukla, J.P. and Amit Tiwari (2009)**- Effect of Thermal Power Emission on growth and Biochemical Content on wheat crop. National Seminar on the Environmental science and Engineering, January 2009, Kanpur (U.P.), India.
4. **Tiwari, A., Tiwari, U. , Singh, A. and J.P. Shukla (2009)**- Security of Wetlands and its Agricultural and Socio-Economical Significance. Environment Degradation and Biodiversity: Problems and Prospects, November 2009, Kanpur: **113**.
5. **Pandey, S.K., Tiwari, A. and Gyan Prakash (2009)**- Effect of Nutrient Media on the Production and herbicidal Efficiency of *A. alternata* Environment Degradation and Biodiversity: Problems and Prospects, November 2009, Kanpur: **45**
6. **Tiwari, A. and Anupam Dubey (2010)**- Need Public Awareness and Commitment to protecting Wetlands. New Advances in Biology: Solutions to Environment and Agricultural Problems, January 2010, Kanpur: **108**.
7. **Pandey, S.K. and Amit Tiwari (2011)**- Integrated waste Management: An Approach for Sustainable Development. Changing Environment: Present Scenario and its conservation, December 2011, Kanpur: **41-43**.
8. **Semwal, I.M., Tiwari, A., Singh, A.K. and S.K. Pandey (2011)**- Biological Significance of water fern *Azolla pinnata* for Agriculture of Lentil Crop. Changing Environment: Present Scenario and its Conservation, December 2011, Kanpur: **57-59**
9. **Tiwari, A. (2011)**- On Biological productivity of waste water and its agricultural Use. Changing Environment: Present Scenario and its Conservation, December 2011, Kanpur: **135**.
10. **Tiwari, A., Tiwari, U. and J.P. Shukla (2011)**- Global hunger problem- A case study around Panki power station, Panki, Kanpur. Changing Environment: Present Scenario and its Conservation, December 2011, Kanpur: **172**
11. **Tiwari, A. Semwal, I.M. and A.K. Singh (2012)**- Utilization of Tannery Effluent on Growth of Wheat crop. Environment crisis and society: A Sustainable Approach, January 2012, Fatehpur: **29**

12. **Tiwari, A. and Atul Singh (2014)**- Impact of Thermal Power Emission on Anatomical feature's in Wheat crop. Impact of Modern Agriculture on Environment, February 2014, Kanpur: 50

Research Journal

1. **Tiwari, A. (2002)** Duckweeds in Landscapes of Kanpur, India, Res. J.Pl. Eviron. **18:57 - 60**.
ISSN: 0970-3845
2. **Tiwari, A. (2020)** Impact of Wolffia arrhiza extracts on growth behavior of RajmashPlant. Indian journal of Scientific Research.**11(02):131-134**. ISSN: 0976- 2876,
<https://doi.org/10.32606/ijsr.v11.12.00023>

https://www.ijsr.in/upload/866952233Chapter_23.pdf
3. **Tiwari, A. (2021)** Utilization of Hydrophyte growth promoting substances and its consequence on N.P.K. contents in Lentil leaves. The Journal of the Indian Botanical Society . **101(1&2):97- 102**.
<https://doi.org/10.5958/2455-7218.2021.00010.3>,ISSN:0019-4468,
<https://www.indianjournals.com/ijor.aspx?target=ijor:jibs&volume=101&issue=1and2&article=011>
- 4 . **Tiwari, A. (2021)** Application of Duckweed on growth and development of Lentil seedlings . Indian Journal of Scientific Research.**12(01):111-114**. ISSN: 0976 -2876,
<https://doi.org/10.32606/ijsr.v12.11.00020>
- 5 . **Tiwari, A., Agnihotri, Archana., and Renu Agnihotri. (2023)** Impact of Phytohormone on juvenile seedling growth of *Lens culinaris L.* Vol:31(2), 2023, ISSN:0971-3573,
<https://doi.org/10.5958/0974-0163.2023.00028.9>

Book Chapter

1. **Tiwari, A. (2021)** Studies on Boost Emergence Hormones and its Impact on Productivity and Protein Contents of Lentil seeds. Advances in Biosciences. ISBN: 978- 81- 948583- 0- 0-979, https://www.amazon.in/ADVANCES-BIOSCIENCES-DR-AMIT-TIWARI/dp/8194858305/ref=sr_1_1?crid=1HKZGE37X63AT&keywords=advances+in+biosciences+amit+tiwari&qid=1678613278&srefix=%2Caps%2C296&sr=8-1
2. **Tiwari, A. (2022)** Impact of duckweed extract on protein rich husk and seed of Lentil. Advances in Plant Science. ISBN: 978 -620-5-49854-5, <https://www.lap-publishing.com/catalog/details/store/ru/book/978-620-5-49854-5/advances-in-plant-science?search=Advances%20in%20plant%20sciences>

3. **Agnihotri, Archana., Ranu Agnihotri and Amit Tiwari (2022)** Seasonal variation in the soil myco- flora of *Sorghum vulgare* .ISBN: 978- 620 -5-49854-5, <https://www.lap-publishing.com/catalog/details/store/ru/book/978-620-5-49854-5/advances-in-plant-science?search=Advances%20in%20plant%20sciences>
4. **Tiwari A., Mishra P., Agnihotri A., (2023)**, Sustainable agricultural approach in Rajmash plant productivity, ISBN: 978-81-959099-0-2,