NAME	Dr. Tanu Allen
DESIGNATION	Assistant Professsor
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RESEARCH INTERESTS	Biotechnology- Environmental Toxicology , Bioremediation

EDUCATIONAL QUALIFICATIONS:

Name of College / University	Degree	Year
Ch. Charan Singh University, Meerut	PhD	2003
---do---	M.Sc	1998
----do---	B.Sc	1996

Title of Ph.D. thesis : Arsenic Toxicity in Laboratory Rats

EXPERIENCE (in chronological order)

Designation	Type of post held (teaching/ research)	Name of the Institute	Year (From – To)
Asssistant Professor (Grade-III)	Teaching and Research	AIB, AUUP- Noida	2004-till date

No. of Ph.D. students supervised	Awarded: (no. only) **01**
	Ongoing: (no. only) **01**

PUBLICATIONS
(mention total no. here)
15

1. P Roy, A Verma , **T Allen** and B Rathi (2016). Biochemical and Computational Characterization of Laccases involved in Bioremediation. Int J Pharm Bio Sci 7(4): (B) 375-383
2. A Srivastava, I Parwez, A Srivastava, **T Allen** and S Singh (2016). Melanophore index as an indicator for joint heavy metal toxicity in fresh water fish channa punctatus. Int J Pharm Bio Sci 7(2): (B) 95-103
3. A Srivastava, S Singh and **T Allen** (2015). Comparative Study Of Arsenic And Cadmium Combined Metal Toxicity In Fresh Water Fish With Yamuna Water Fish. Int J Pharm Bio Sci 6(4): (B) 1019 – 1032
4. Kothari R., Pathak V.V., Chopra A.K., Ahmad S., **Allen T**., Yadav B.C. (2015). Developments in Bioenergy and Sustainable Agriculture Sectors for Climate Change Mitigation in Indian Context: A State-of-Art. Climate Change and Environment Sustainability. 3(2), 93-103
5. A Srivastava, S Singh, **T Allen**, A Dhiman (2015). Heavy Metal Toxicity of Water of the Delhi Segment of River Yamuna to Fresh Water Fish Channa *punctatus.* Agricultural Research, **4(4): 405-410**
6. Singh, S., **Allen, T**. and Srivastava, A. (2014). Ethotoxicological role of melatonin as an anti-stressor agent in heavy metal intoxicated fish Channa *punctatus*. Proceedings of the Zoological Society, Volume 68(2),139-146
7. Verma, N., Kothari, R., **Allen, T.** and Singh DP. (2013).

	Assessment of lipid productivity of Chlamydomonas polypyrenoideum cultured in tannery industry wastewater. Recent Advances in Bioenergy Research, 332-338 8. Singh, RP., Tyagi, VV., **Allen, T.**, Ibrahim MH, Kothari R . (2011) An overview for exploring the possibilities of energy generation from municipal solid waste (MSW) in Indian scenario. Renewable and Sustainable Energy Reviews.15, 4797-4808. 6.018 (IF-2.5) 9. **Allen, T.** and Rana, S.V.S. (2007). Effect of n-propylthiouracil or thyroxine on arsenic trioxide toxicity in the liver of rat. Journal of Trace elements in Medicine and Biology. 21(3),194-203. (IF 2.320) 10. **Allen, T.** and Rana S.V.S. (2006). Influence of thyroxine and n-propyl thiouracil on nephrotoxicity of inorganic arsenic in rat. Toxicology and Industrial Health. 22, 137-145.(IF-1.555) 11. **Allen, T.** and Rana S.V.S. (2004). Resistance to oxidative stress in fresh water fish Channa punctatus after exposure to inorganic arsenic. Biological Trace Element Research.98, 63-72. (IF 1.523) 12. **Allen, T.** and Rana S.V.S. (2004). Effect of arsenic (AsIII) on glutathione- dependent enzymes in liver and kidney of fresh water fish Channa punctatus. Biological Trace Element Research. 100, 39-48. (IF 1.523) 13. **Allen, T.** and Rana S.V.S. (2004). Fish chromatophores as biomarkers of arsenic exposure. Environmental Biology of Fishes. 71, 7-11. (IF 1.31) 14. **Allen, T.** and Rana S.V.S. (2003). Oxidative stress by inorganic arsenic and its modulation by thyroid hormones. Comparative Biochemistry and Physiology Part –C. 135 (2), 157-162. (IF 2.961) 15. Rana S.V.S., **Allen, T.** and Singh R. (2002). Inevitable glutathione, then and now. Indian Journal of Experimental Biology 40, 706-716.(IF 1.195)
PATENTS ***(total no.)*** **06**	***Details:*** 1. 1479/DEL/2011 On- Time dependent adaptation of Channa punctatus chromatophore against metal toxicity. 2. 2165/DEL/2011 A formulation for Arsenic treatment. 3. 2268/DEL/2011 On- Parasite Picking Gear 4. 3005/DEL/2011 On- Phytocontrol of root knot nematode. 5. 3361/DEL/2011 On- Microscope slide for fixation. 6. Herbal Formulation using Sea Buckthorn leaves against Cadmium, 3541/DEL/2012
RESEARCH PROJECTS Completed: ***(total no.)*** Ongoing: ***(total no.)***	***Details: N/A***
AWARDS & HONOURS/ DISTINCTIONS	Young Scientist Award by Indian Academy of Sciences (INSA) in 2005
MEMBERSHIP with Professional/ Academic bodies	STOX- India