



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P – 516126, INDIA

Faculty Profile

Basic Information:

NAME : Dr. V. Vishnuvardhan
DESIGNATION : Assistant Professor
DEPARTMENT : Humanities and Sciences
DATE OF BIRTH : 12-07-1981
DATE OF JOINING : 03-08-2015
EMAIL ID : vishnuvardhan36369@gmail.com
EMPLOYEE ID :



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D	Sri Venkateswara University	2010
M.Phil	Sri Venkateswara University	2007
M.Sc	Sri Venkateswara University	2003

Research Details:

1. Areas of Specialization	:	Trace metal analysis
2. No. of Publications	:	17
3. Awards Received	:	
4. Research Guidance		
	No. of PhD Guided:	
	No. of MTech. Guided:	
	No. of B.Tech. Guided:	
5. Details of Professional Membership:		
6. Subjects Taught	:	Environmental Science



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Publication Details:

Title	Publisher	Published Year
Fabrication and topographical analysis of non-covalently imprinted polymer inclusion membranes for the selective sensing of pinacolyl methylphosphonate - a simulant of soman	Elsevier B.V.	2007
Chemical switch based reusable dual optoelectronic sensor for nitrite	Elsevier B.V.	2008
Rational design of in situ monolithic imprinted polymer membranes for the potentiometric sensing of diethyl chlorophosphate - a chemical warfare agent simulant	Wiley-VCH GmbH	2009
Imprinted polymer inclusion membrane based potentiometric sensor for determination and quantification of diethyl chlorophosphate in natural waters	Scientific Research Publishing	2011
Effect of high temperature stress on seed germination and chlorophyll changes in <i>Oryza sativa</i> L.	KMR Pharma Welfare Association	2013
Bioaccumulation of heavy metals with special emphasis to marine fishes of Puduchery coast, Southeast coast of India	Discovery publications	2013
Industrial effluents effect on seedling growth of rice and wheat (<i>Oryza sativa</i> L. and <i>Triticum vulgare</i> L.)	International Journal of Recent Scientific Research	2015
Evaluation of accumulated heavy metals in soil and plant bodies of <i>Oryza sativa</i> L. and <i>Triticum vulgare</i> L.	Innoriginal Publishers	2016
Bioaccumulation of metals in tissue of marine organisms in muttukadu creek, kovalam, Southeast coast of India	International Journal of Recent Scientific Research	2017
Screening of physio-chemical parameters and bacterial population density of water and sediment samples from Mandapam coastal area (Southeast coast) of India	International Journal of Recent Scientific Research	2017
Studies on mechanical properties in concrete using polypropylene & G.I crimped fibre	Atman Research Centre	2019
UV protecting behavior of imidazole based ZnO hybrid thin films for sunscreen applications	Blue Eyes Intelligence Engineering and Sciences Publication	2019
Strength and durability properties by replacement of natural zeolite and fly ash in ordinary portland cement	Blue Eyes Intelligence Engineering and Sciences Publication	2020



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Synthesis and characterization of ethyl methacrylate based ZrO_2 nanocomposites	Ecogecko Consultants Ltd	2023
Degradation of malachite green (MG) dye from aqueous solutions by using iron nanoparticles (FeNPs)	Springer Science	2024
Radiation effect on transient free convective MHD heat transfer flow through porous medium	International Publications	2024
Chemical reaction and soot effects on Mhd free convection flow past an accelerated vertical plate through a porous medium with heat source	International Publications	2025

Patent Details:

Title of Patent	Submitted/Published/Awarded
Enhancing healthcare informatics through lightweight ipass framework in boomi atmosphere for secure and efficient data integration	submitted
Web-based system for signature verification and forgery detection using hybrid deep learning models	Submitted