

CURRICULAM VITAE



Name : **Prof. K.VEERABHADRAM**

Designation : **ADJUNCT PROFESSOR**

Department : **Department of Environmental Sciences
College of Science & Technology
Andhra University, Visakhapatnam**

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Qualifications: **Ph.D. (Environmental Engg.), M.E (Env. Engg),
Post Graduate Diploma in Applied Statistics (PGDAS)**

Awards:

Best Teacher Award was given by Jawaharlal Nehru Technological University (JNTU), Kakinada in the year – 2010.

ADMINISTRATION POSITIONS HELD

- 1) Worked as Director of Student Affairs, GITAM from Nov 2011 to Oct 2020**
- 2) Worked as Principal in Visakha Institute of Technology & Science (VITS) presently “NSRIT“ from August 2009 to August 2011. (Ratified Principal by JNTU, Kakinada)**
- 3) Assistant Director in R & D CENTRE – GITAM :**
Worked as Assistant Director in R & D from Sept 2006 to Aug, 2009.
- 4) Head of the Department**
Worked as Head of the Department for the Department of Environmental Studies during 1997-98 in GITAM Institute of Science, GITAM

Industry Experience (International Experience) : Worked in TechNet Services Inc, Los Angeles, United States of America (USA) from 1998 to 2001 in field of Environmental issues, health care issues using IBM main frame division in California and Washington DC.

RECOGNITIONS

- 1) Appointed as Expert Committee Member in board of studies of Agriculture Engineering by Hon'ble Vice Chancellor, **JNTU, KAKINADA** in the **year 2022**.
- 2) Appointed as Expert Member to recruit district level resource persons under water quality and Swajaladhara by the superintending Engineer, Rural Water Supply and Sanitation, Visakhapatnam.
- 3) Honourable Vice Chancellor, GITAM University appointed as a member in the Board of Studies in the department of Environmental Studies
- 4) Appointed as Expert Committee Member by Honourable Vice Chancellor, Andhra University to review the B.E.M. course.
- 5) Hon'ble Vice Chancellor of Acharya Nagarjuna University, Guntur recognized as Research Supervisor to guide Ph.D/ M.Phil programs in the year 2006.

RESEARCH & INDUSTRIAL PROJECTS COMPLETED : 06

1) Title of the Project:

EVALUATION & MAPPING OF AIR & GROUND WATER QUALITY IN VISAKHAPATNAM DUE TO URBANIZATION & INDUSTRIALIZATION USING GEOGRAPHICAL INFORMATION TECHNIQUES (GIS)

ii) Funding Agencies : UNIVERSITY GRANTS COMMISSION (UGC), NEW DELHI

Vide ref. No.UGC LETTER NO F14-30 / 2002 (SE-I) **DT.16-03-2002**

iii) **Grant amount received: 4.90 lakhs**

2) Title of the Project:

UTILIZATION OF INDUSTRIAL BY-PRODUCT FLY ASH IN CONCRETE PAVEMENTS

Funding Agencies: VISAKHAPATNAM STEEL PLANT, Visakhapatnam

Amount received: **3.00 lakhs**, Ref.No. R& D and AEP, GITAM dt. 29th April 2006

3) Title of the Project:

Evaluation of Respirable Dust Pollution Trends using Neural Network Techniques

Funding Agency: Andhra Pradesh State Council of Science & Technology, Hyderabad, Vide ref. No. Lr. No APCOST / S & T /VSP-RO, dt 23-04-2007

4) Title of the Project :

Development of Air Pollution Assessment Model and Pollutant Apportionment Study for Visakhapatnam

Funding Agency:

Hindustan Petroleum Corporation (HPCL) R&D, Bengalure
Amount Sanctioned Rs. 1.18 Cr, in the year– 2014.

5) Title of the Project:

Mapping of Eco-Sensitive Zones with respect to Pollution Dispersion and Apportionation Study of Pollutants

Funding Agency:

Andhra Pradesh State Pollution Control Board, Hyderabad,
Vide ref. No. Lr. No. 2328/VSP/APPCB/ZO-VSP/2015
from Joint Chief Environmental Engineer, APPCB, Visakhapatnam.

Total Cost of the Project: Rs 12.50 Lakhs –Year 2015

6) Title of the Project:

A Novel project to “Reuse of solid wastes generated from GITAM Hostel waste”

Funding Agency:

GITAM University, VC Proceedings, GU/GIT/2015-16-
dated 28-03-2016.

Academic Achievements:

- | | |
|--|---------|
| 1) M.Phil: Awarded M.Phil s | :02 Nos |
| 2) Total under Graduate Projects (B.E – Civil & BEM) Guided | :15 Nos |
| 3) Total P.G. Projects handled | :10 Nos |
| 4) Journal Publications in National / International | 17 Nos |
| 5) International / National Conference papers publications : | 40 Nos |
| 6) Certified Chartered Engineer (CE) in IEI Calcutta | |

LIST OF PUBLICATIONS OF JOURNALS WITH DETAILS

Sl. No.	Title	Name of the Journal	Vol. No.	Pages	Year of publication
1.	Analysis of Diesel Emissions due to Automobile at selected junctions in Visakhapatnam	Indian Highways	4	35-43	July, 1995
2.	Industrial Waste as an Alternative Potential Energy	Nature, Environment and Pollution Technology	VOL - 1 NO. 2	93-96	2002
3.	Biomedical Waste Management Scenario	Advances in Sciences and Technology	VOL - 5 NO. I&II	86-91	June - Dec 2002
4.	Noise pollution analysis in city of Visakhapatnam	Nature, Environment and Pollution Technology	VOL - 2 NO. 2	217-219	2003
5.	Quality evaluation of ground water pollution through modeling techniques	Ultra Scientist of Physical Sciences	VOL - 15 NO. 2	285 - 288	March, 2003
6.	Modeling of Vehicular Traffic and Air Pollution at Visakhapatnam	Ecotoxicology and Environmental Monitoring	VOL - 14 NO. 2	131-136	May, 2004
7.	Evaluation of water quality index at Visakhapatnam City, AP	Nature, Environment and Pollution Technology	3	65-68	Jan, 2004
8.	Managerial Capabilities a Desideratum to water Supply Engineers	Ultra Scientist of Physical Sciences	VOL. 16 NO. 2	199-202	April, 2004
9.	Evaluation of Noise Levels in mixed mode vehicular Traffic zones in Rapidly growing urban cities – A case study of Visakhapatnam	Environmental Pollution Control Journal	VOL - 8 NO. 1	48-51	Nov-Dec 2004

10.	Improvement of Biological treatment of Urban Sewage containing Detergent and Oily pollutants	Indian Journal of Environmental Sciences (Green Earth Foundation)	VOL - 8 NO. 2	159-162	2004
11.	Spatial Variation On Water in Industrial Zone of A Rapidly Growing Urban City	Environmental Pollution Control Journal	VOL - 8 NO. 3	65-68	Mar- April 2005
12.	GIS based Integrated Mapping of PM10 and gaseous pollutant trends in rapidly growing urban environment	Environmental Pollution Control Journal	Vol -11 No-5	77-79	Jan-Feb 2008
13.	Spatial Variation of Air Quality in Visakhapatnam city	Environmental Pollution Control Journal	Vol -11 No-5	51-53	March, 2008
14.	Risk Analysis and Environmental Hazard Management	International Journal of Research in Engineering and Technology	Vol-3 Special Issue to 16	153-155	Dec, 2014
15.	Kinetic studies on adsorption of methylene blue using natural low cost adsorbent	Journal of Industrial Pollution Control	Vol-34 Issue-2	2054-2058	July-August 2018
16.	Efficient Removal of Hexavalent Chromium from Industrial Automobile Solid Waste Using Bioremediation Technique	Indian Journal of Environmental Protection(Scopus Indexed)	Vol-40 No. 2	PP 203-206	Feb - 2020
17.	Compressive Strength of Concrete with Partial Replacement of Fine Aggregate with Crushed Electronic Waste Plastic	IOP CONFERENCE SERIES : MATERIAL CIENCE AND ENGINEERING (Scopus Indexed) Doi: 10.1088/1757-899x/1025/1/012016	1025(202)01016		Jan-2021

LIST OF CONSULATANCY WORKED HANDLED

- 1) Involved in various consultancy works in Environmental Engineering works, STP's designing, Ambient Air Quality modeling, solid waste management, Testing of Industrial effluents, Water Quality Analysis, Surveying works, R&D to the tune of Rs. 2 Cr. (Two crores).
- a) Mapping of Eco-Sensitive Zones with respect to Pollination Dispersion and Apportionation Study of Pollutants. Task force committee appointed by Hon'ble Chief Minister of Andhra Pradesh through AP Pollution Control Board, Hyderabad
- b) Development of Air pollution assessment model and pollutant apportionment study for Visakhapatnam, HPCL, R&D, Bengaluru to the tune of Rs. 1.26 Crores in the year 2014-15.
- c) Involved in Water quality and waste water, soil analysis for Various Industries.
 - 1) Postal & Telecommunications, Kakinada / Visakhapatnam
 - 2) Coca-Cola, Visakhapatnam
 - 3) College of Engineering, Parvathipuram
 - 4) NTPC, Visakhapatnam
 - 5) Man Mohan Sales, Visakhapatnam
 - 6) Aqua Culture Industries, Visakhapatnam
- d) Involved in Modeling of Ambient Air Quality due to change of High Speed Diesel Oil (HSD) to Low Speed Diesel Oil (LSD) in Hindustan Coca Pvt Ltd, Visakhapatnam in 2002
- e) Analysis of Heavy Metals in United Millennium Breweries, Srikakulam. -Aug 2006.
- f) Consultancy work taken up for industrial belt of M/S Reddy Labs, M/S Aruobindo Pharma Ltd and M/S Andhra Organics, Pydibhimavaram, Srikakulam (Dist) - 2007

Delivered Lectures as Resource Person:

1. Delivered Lecture as Resource person for the One day workshop on **12th October 2018** on "**Decentralised Solid Waste Management**" for the members of the Resident Welfare Association, Visakhapatnam at Public Library, Visakhapatnam organized by **Administrative Staff College Of India (ASCI), Hyderabad.**
2. Delivered a lecture on "**New Pedagogical Tools for Teaching Undergraduate students**" in the Faculty Knowledge Program organized by IBS Business School, Hyderabad on **29th July, 2016** at Green Park Hotel, Visakhapatnam.
3. Delivered Lecture as Resource person on "**Industrial waste utilization, reuse and recycle**" at **NTPC, Simhadri**, Visakhapatnam in the month of August 2015.
4. Delivered Lecture as Resource person on "**Recent Trends in Urban Solid Waste Management**" in the National Workshop held at **V R Siddhartha Engineering College** on 4th November, 2015.

5. Delivered Lecture as Resource person for the guest lecture on “**Importance of Civil Engineering in the present infrastructure development**“ conducted by **Dadi Institute of Engineering & Technology**, Anakapalli on 4th March, 2014
6. Delivered lecture on Recent Trends in Waste Water Management in the National Workshop on “**Water and Waste Water Management**” held at **JNTU Kakinada** on 15th July, 2013.
7. Delivered lecturer as Resource Person on “**ETHICS IN ADMINISTRATION conducted by Director District Training Centre, Visakhapatnam**” on **20th December, 2011.**
8. Delivered lecturer as Resource Person on “**Environmental Management using GIS**” in the National Workshop on Environmental Challenges in Industries of E.G. District, A.P. conducted by AP Pollution Control Board, Regional Office, Kakinada and Department of Civil Engineering, University College of Engineering Kakinada on **21st October, 2009.**
9. Delivered Lecture as Resource person on Environmental Pollution for the Participants of AICTE-ISTE sponsored short Term Training Programme (STTP) on “Condition Monitoring of Mechanical Systems” during **16th to 21st March 2009.**
10. Delivered Lecture as Resource person for the work shop on “**Solid Waste Management**” held at **V R Siddhartha Engineering College** on 24th November, 2006.
11. Delivered Lecture as Resource person for the work shop on “**Environmental Pollution and it’s control**” conducted by **Siddhartha Engineering College** on 24th Sept 2007 to deliver a lecture on “Sustainable Environmental with respect to Air Pollution Control.
12. Delivered Lecture as Resource person for the work shop on “**Environmental Chemistry – A study on Water Pollution** “conducted by **SVH. Engineering College**, Machilipatnam on March 2006.

WORK SHOPS ORGANIZED

1. One day workshop organized as a convener entitled “Eco Friendly Technologies to Combat Global Warming” in association with A.P. Pollution Control Board, Zonal Office, Visakhapatnam in the first week of **February, 2012** in the GITAM University.
2. One day workshop organized as a convener entitled “Climate changes –ozone depletion” jointly organized by AP Pollution Control Board, Vizianagaram&Visakha Institute of Technology & Science (VITS), Sontyam, Visakhapatnam.
3. Organized one day workshop on PEP **programme under Publicity & Propaganda** jointly organized by Khadi and Village Industries Commission (Ministry of M.S.M.E., Govt. of India) and Visakha Institute of Technology and Science (VITS), Sontyam, VSP on **22nd March, 2011.**

PROFESSIONAL BODY MEMBERSHIPS

S.NO	MEMBERSHIP ORGANIZATION	PLACE	MEMBERSHIP NO
1.	Member of Indian society for Technical Education	MISTE- Delhi	LM- 5285
2.	Member of Institution Engineers (India)	MIE.- Calcutta	M-103408/6
3.	Member of Indian Association of Environmental Management	MIAEM - Nagpur	LM-9091
4.	Member of Indian Public Health Engineers	MIPHE - Calcutta	LM 455
5.	Member in Indian Society of Remote sensing	MISRS Dehra Dun	C-3129