

Bio-Data

Prof. PEDDINENI V. V. PRASADA RAO

PERSONAL

Date of Birth :14-08-1958

Nationality : Indian

Marital Status: Married



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ACADEMIC QUALIFICATIONS

Ph.D in Environmental chemistry [1986]
Sri Venkateswara University, Tirupati.

Subject:WATERPOLLUTION (A CHEMICAL STUDY IN WATER POLLUTION BY PESTICIDES)

M. Sc [April, 1979]
Sri Venkateswara University, Tirupati

Experience: Department of Environmental Sciences, Andhra University, Visakhapatnam.

Hon. Positions/ Nominations

Academic Bodies

- **Head** of the Department of Environmental Sciences (2006-09).
- **Chairman, BOS** in Environmental Sciences (2011-14).
- Member, **Board of Studies** in Environmental Sciences **for 3 Universities**

Formerly Member

- AP State Pollution Control Board (2002-05)
- AP State Pollution Control Board **CFO Committee** of the Vizag region
- Advisory committee for preparing the OFFSET emergency plan/contingency plan pertaining to Nuclear Disaster Management to Visakhapatnam city.

At Present

- **Member**, AP Pollution Control Appellate Authority, Govt. of Andhra Pradesh.
- **Chairman**, Environmental Monitoring Committee, Visakhapatnam Port Trust.

Guest faculty

- SV University, Tirupati.
- Acharya Nagarjuna University, Guntur.
- Sambalpur University, Sambalpur.
- Fakhir Mohan University, Balasore.
- GITAM University, Visakhapatnam

Teaching : 31years
 Research : 37 years
 Consultancy : 20 years
 Administrative : 12years

Specializations:

Environmental Pollution
 Phytoremediation
Waste management
 Microbial Ecology
 Climatic changes

Publications

Research Papers : 65
 Reports : 08
 Books (contributions) : 03

Research Guidance

Ph. D degrees : 24+3* *Result awaited
 M. Phil degrees: 13

EXPERIENCE IN ENVIRONMENTAL ASSESSMENTS & RESEARCH

- Toxicity determination of Flare pit effluent (**ONGC/IPSEM**).
- Chemical analysis, flow measures & topographic survey of sewage drain of STP of **Visakhapatnam Port Trust**. (**M/s. Dalal Consultants & Engineers**).
- Water Quality Assessment in villages around Simhadri Power Project, Paravada. (**M/sNTPC**).
- JFM Impacts Assessments in North Coastal Andhra Pradesh. (**A.P.State Forest Department**).
- Environment Impact Assessment of Garnet Mining in Srikakulam Beaches. (**M/s. TransworldGarnite, Chennai**).
- Environment Impacts of the proposed Fishing Harbour at Bhavanapadu. (**M/s. Blairs Associates, Canada**).

- Environment Impact Assessment of Mining of Beach minerals in Srikakulam District, Andhra Pradesh. (M/s. **Trimex India Ltd., Hyderabad**).
- Monitoring of ambient air and Ground water quality around 5 km area of JNPC (M/s **RAMKY Pharma City (India), Visakhapatnam**)

Research Projects

S. No.	Title of the Project	Cost (₹)	Duration	Organization
Completed				
1.	*Ecological Resilience in the fragmented habitats of Eastern Ghats.	4, 28, 000-00	3 years (1995-1998)	Ministry of Environment and Forests (New Delhi)
2.	*Biochemical and Microbial Studies of Soils under pasture exposed to Municipal Solid Waste.	5, 50, 000-00	3 years (2002-2005)	University Grants Commission (New Delhi)
3.	Studies on Bio Stabilization of Waste Waters from Sago Food Industry for Irrigation use	9, 26,300-00	3 years (2010-2013)	University Grants Commission (New Delhi)
4.	Chemical characterization and Source Identification of atmospheric particulates in Visakhapatnam bowl area	5, 24, 000-00	1 year (2013-2014) (Pilot project)	DST Govt. of India
On going				
1.	“Spatial Distribution and Seasonal Variations of Organic Particulates in the Ambient Air of Visakhapatnam”	38, 60, 000-00	3 years (2015-18)	DST-SERB (New Delhi)
2.	Measurement of Vegetation and Bio mass parameters under vegetation carbon pool Assessment (VCA)- Sub project of the ISRO Geosphere Biosphere Programme(IGBP)- National Carbon Project (NCP)	6, 05, 600-00	1 year (2015-16)	ISRO

*Co-Principal Investigator.

