

Dr.S.BALA PRASAD, M.E., Ph.D. (IITR)
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Education

Ph.D. from Department of Water Resources Development and Management, **Indian Institute of Technology Roorkee**, ROORKEE

M.E. (First Rank) in Public Health and Environmental Engineering from Andhra University, Visakhapatnam, INDIA

B.Tech. (First class with distinction) in Civil Engineering from JNTU College of Engineering, Kakinada, INDIA

Previous Employment

Asst. Executive engineer , IRRIGATION AND CAD DEPT., and Faculty, WALAMTARI, (1992-1994), GOVT. OF ANDHRA PRADESH, Hyderabad

No. of Research Projects: One (sponsored by DST, Govt. of India)

No. of Publications

International: 7

National : 10

No. of National conferences/workshops organized: 6

No. of international conferences/workshops organized: 2

Visiting/ Guest Faculty:

University of Petroleum and Energy Studies,
Dehradun, Uttaranchal (during 2006-2007)

Sambalpur University, Sambalpur, Orissa

REVIEW OF MANUSCRIPT for Journal publications

1. Journal of Hazardous, Toxic, and Radioactive Waste Mgmt, ASCE, USA

REVIEW OF BOOKS

1. "Environmental Studies" by Dr. D.L.Manjunath,
Publisher: Pearson Education India

2. What is Science? By Tarunayya; Publisher: The Institute of Engineers (India), Local center, Visakhapatnam

Awards and Recognitions

1. Award as a recognition for securing first rank in M.E. (Public Health and Environmental Engineering) by Govt. of Andhra Pradesh, A.P
2. Invited to chair the technical session of "3rd International Conference on Environmental Science and Technology (ICEST2007), **August 6-9, 2007, Houston, Texas 77060, USA**, Organized by American Science Congress held at Houston, USA)
3. Invited by Swedish International Development Agency, Embassy of Sweden, New Delhi for the World Water Week 2009 and 2011 organised by SIWI, Stockholm, Sweden
4. Chaired Technical Session in several International Conference in India.

Areas of Interest (Academic, Research and consultancy)

Solid waste management: Planning of Integrated solid waste management, design of landfills, leachate collection systems, Waste to energy

Water and wastewater Management: Treatment plant performance evaluation, design, training in O &M

Surface water Quality Modelling: River water quality modeling (self developed)
Storm Water Management

Consulting/ contract projects completed: International (Europe): 2
National : 15

Consulting Services Completed:

Sustainable City Approach Studies of Greater Visakhapatnam Municipal Corporation, Andhra Pradesh
(sponsored by SIDA, Stockholm)

Sustainable Solid Waste Management: Waste to Energy Project, Greater Visakhapatnam Municipal Corporation, Andhra Pradesh
(Sponsored by Swedish Energy Agency, Stockholm, Sweden)

- ✓ Impact of Bio-compost activity on the ground water quality, The Andhra Sugars Ltd., Tanuku, A.P.

- ✓ A study on the Solid waste management in Vizianagarm Town, Vizianagaram Municipality, Vizianagaram
- ✓ Performance evaluation and modification of the Wastewater treatment plant in The Pearl Bottling Company (PEPSI BOTTLING PLANT), Visakhapatnam.
- ✓ Design checks of the Wastewater treatment plant designed for reuse of the treated wastewater, East coast Railways, Visakhapatnam.
- ✓ Water audit in The Delta Paper Mills Ltd., Vendra, Bhimavaram, Andhra Pradesh
- ✓ Sanitation scenario around the drinking water sources in Vizianaram district of Andhra Pradesh, Panchayat Raj Dept., Vizianagaram
- ✓ The affect of the NTPC ash ponds on the water and health of the surrounding villages, Visakhapatnam
- ✓ Performance evaluation of the filtration unit in the water treatment plant of Vijayawada municipal corporation, Vizayawada.
- ✓ Short-term solutions for the metallurgical waste Problems of Visakhapatnam Steel Plant, Visakhapatnam

Administrative positions held at the Andhra University:

Honorary Director, Andhra University Development Centre, Andhra University (in 2013-14)

Membership

Academic: **Board of Studies of Civil Engineering,**
JNTUniversity Kakinada, Govt. of Andhra Pradesh
Committees Member, CFE, A.P. Pollution Control Board,
 Amaravathi

No. of students awarded M.Tech / Ph.D: 18