



University College of Engineering Osmania University



Name **Dr. P. RAJASEKHAR**
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EDUCATIONAL QUALIFICATIONS

Name of examination	Name of the University	Year of Passing	Division/ Grade of merit, tec.
Ph.D.	IIT Bombay	2010	***
M.E. (Civil) Hydro-mechanics & Water Management	Osmania University	1999	First Class with distinction
B.E. (Civil)	Osmania University	1992	First class with distinction

Research Area :Environmental and Water Resource Engineering

Interests/Skills in Ground Water Development and Management, Environmental Engineering, Studies on Pollutant Movement in Porous Media, Design of experimental setup, Origin software, Surfer.

Publications

In Refereed Journals

Rajasekhar P., Eldho T. I., and Viswanadham B. V. S. (2008), "Development of resistivity probes for continuous monitoring of pollutant in porous media", International Journal of Environment and Waste Management (IJEWM), Inderscience publishers, UK(accepted in press for publication)

International Conference / National conference

1. Rajasekhar P., Eldho T. I., and Viswanadham B. V. S. (2006), "Monitoring Pollution Plume Evolution in Porous Media by 1-g and Centrifuge Tests", Proceedings of the International Conference on Hydrology and water Management, (ICHWAM-2006), JNTU, Hyderabad, 5-8 Dec., 1121-1130.
2. Rajasekhar P., Eldho T. I., and Viswanadham B. V. S. (2006), "Centrifuge Modelling Of Pollutant Transport in Porous Media", 33rd National and 3rd International Conference on Fluid Mechanics and Fluid Power, (NCFMFP-2006), IIT-Bombay, Dec.7-9., PaperNo.NCFMFP2006-1801
3. Rajasekhar P., Eldho T. I., and Viswanadham B. V. S. (2006), "A Review on Model Studies on Pollutant Movement in Soils ", National Conference on Civil Engineering Systems, OUCE, Hyderabad, 1-3 June.

Computer Skills

- Operating System : Windows
- Software Package: GMS 6.0, Origin 7.0, Surfer.

Work Experience in Academia

- Assistant Professor, (Jul 1997 – 2001) Department of Civil Engg., University College of Engg., Osmania University, Hyderabad .
- Senior Assistant Professor, (Jul 2001 – 2007) Department of Civil Engg., University College of Engg., Osmania University, Hyderabad .
- Associate Professor, (Jul 2007 – present) Department of Civil Engg., University College of Engg., Osmania University, Hyderabad .
- Professor, (July 2013 Onwards) Department of Civil Engg., University College of Engg., Osmania University, Hyderabad .

Regular Courses Taught at Under Graduate Level:

Engineering Graphics, Fluid Mechanics, Fluid Dynamics, Hydrology and Water Management, Water and Waste Water Engineering, Environmental Engineering.

Laboratory Courses at Under Graduate Level:

Fluid Mechanics-I, Fluid Mechanics-II, Environmental Engineering
Actively supervised Under Graduate students in their seminars and final year projects.

Regular Courses Taught at Post Graduate Level:

Ground water Development and Management, Engineering Hydrology, Flood Control Management, Waste Water Treatment Systems.

Laboratory Courses at Post Graduate Level:

Water Resources Engineering Laboratory Actively supervised Post Graduate students in their dissertations.

Teaching Assistant, Department of Civil Engineering, IIT Bombay, India (July 2004 - July2007) Assisted in Tutorial Classes and Grading of Fluid Mechanics, Soil Mechanics for Under Graduate students and in Water Resources Engineering specialization for Post Graduate students.

Other Activities / Hobbies / Languages known

- Presently holding the post of **Officer Incharge - Alumni Association** University College of Engineering Osmania University, Hyderabad
- Worked as **Department Convener** for M.E Admissions for three consecutive years.
- Actively involved in the departmental administration as **Departmental committee member** and **Member Purchase Committee** for three years.
- Worked as **Time Table In charge** in the department for five years.
- **Examiner** for M.E, B.E thesis, dissertations, reports at various stages.
- **Faculty Advisor** for M.E (Hydro-Mechanics and Water Management)
Actively involved in conducting the QIP-Short Term Courses (QIP-STC) with the supervisors in the Department of Civil Engineering at IIT Bombay.
- **Actively participated** in the QIP-Research Scholar's Forum as an officer bearer at IIT Bombay (2005-2006)
- Love music, playing sports, reading
- Conversant with *English, Telugu, Hindi*

References

Dr. T. I. Eldho

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