

## PAIDINAIDU PALURI

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### Education

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**M. Tech.** in Chemical Engineering (2012)

*Indian Institute of Technology Hyderabad (IIT-H)*, Hyderabad, Telangana, India.

Thesis: Sensitivity analysis of a mathematical model for blood coagulation and fibrinolysis.

Thesis Advisor: Dr. Anand Mohan, Department of Chemical Engineering, IIT-H.

**B. Tech.** in Chemical Engineering (2008)

*Andhra University (AU)*, Visakhapatnam, Andhra Pradesh, India.

Thesis: Post-impregnation suspension process for production of polystyrene from styrene monomer.

Thesis Advisor: Prof. S. V. Naidu, Department of Chemical Engineering, Andhra University College of Engineering, AU.

### Work Experience

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- April 2013 onwards : Assistant Professor,  
Department of Chemical Engineering,  
Indian School of Mines, Dhanbad, Jharkhand, India.
- Feb 2013 – Mar 2013: Assistant Professor,  
Department of Chemical Engineering,  
BVRIT, Narsapur, Telangana, India.

- Nov 2008 – May 2010: Project Engineer,  
Wipro Technologies,  
Electronics city, Bangalore, Karnataka, India.

### **Areas of Research Interest**

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- Mass transfer operations with chemical reactions.
- Rheology of Non-Newtonian fluids.

### **Awards**

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- Got **Prathiba award** from Andhra Pradesh state government in 2002.

### **Teaching**

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- CHC15104, Mass Transfer Operations – I.  
August 2013, July 2014.
- CHC16104, Mass Transfer Operations – II.  
January 2014, January 2015.
- CHC51104, Advanced Numerical Methods for Chemical Engineers.  
July 2014.
- CHE52120, Mathematical Methods in Chemical Engineering.  
January 2015, July 2015.

### **Publications**

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#### International Journals:

- P.P. Naidu, M. Anand, Importance of VIIIa inactivation in a mathematical model for the formation, growth, and lysis of clots, MATHEMATICAL MODELLING OF NATURAL PHENOMENA, 9(6): 1-17, 2014.