

## **Dr. A. Purushotham,**

Professor (Mechanical Engineering) and Associate Head (Mechanical Engineering)

B.Tech. (Mechanical), M.Tech (R.E.C.W), Ph. D. (Osmania University)

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## Career Highlights

**25+ years** of academia teaching (U.G and P.G) experience

- **ME Department, Vasavi College of Engineering, Hyderabad, USA**
- **Sreenidhi Institute of Science and Technology (SNIST), Hyderabad, India**

### Awards:

India Innovation Challenge Design Contest 2018 in appreciation for fostering an eco system bridging Government Industry and Academia

### Publications and FDP Courses Conducted :

Published 41 peer-reviewed journal papers and delivered 28 conference papers. Conducted two FDP workshops and two training programmes.

### Research Interests

Robotics,  
Design,  
optimization,  
4d technology  
And  
CAD/CAM

### Courses Taught

Design of Machine  
Members, Dynamics  
of Machines, Finite  
Element Methods,  
Dynamics Systems  
Design, Robotics and  
3D Printing.

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## Education

**Ph.D. - Osmania University : Hyderabad, Percentage of Score:70%, August,2009**

Doctoral Dissertation – Investigation on Dynamic Stability on quadruped Robotic Manipulator System.

**M.Tech. - ME Dept. – R.E.C. Warangal Telangana India, May 1991, Score:71%.**

Master Thesis - Development of Heuristic Algorithm for FMS Scheduling

**Bachelor of Technology** in Mechanical Engg,KITS, Kakatiya University, India 1988

Final Year Project– Experimental studies on Torsion Rigidity of Power Screws.

## Research Grants:

- AICTE - Grant-Aid sanctioned under RPS Scheme, Rs. 6,45,000, For Research of Photoelasticity Analysis on composites , FEB 2012
- CAS , DRDO - Hyderabad, **Rs. 9,74,000**, Intelligent Robotic Arm for Connectors and Bolts Fastening, 2017.
- COLLABORATIVE RESEARCH PROJECT TEQUIP-III SANCTIONED BY Jawaharlal Nehru Technical University Hyderabad, Under SCHEME, TEQIP - III - Rs. 2.82L, May 2019