

Faculty Profile



Name: A CHANDRA SHEKHAR
Designation: Assistant Professor
Teaching Areas: Engineering Graphics, Machine Drawing, Machine tools & Metrology, CAD/CAM , Production Technology, Robotics, Mechatronics and Nanotechnology
Research Interests: Robotics, Mechatronics, Fuzzy Logic, Neural Networks.

Education:

- (PhD)– Robotics (Thesis Submitted Aug 2017)
- M.Tech. Industrial Engineering & Management , JNTUH, Hyderabad, 2006
- MBA Operations Management , Sikkim Manipal University, 2011
- B.Tech. Mechanical Engineering from JNTU Hyderabad in 2004

Professional Experience: (13 Years)

1. 2007 - till date: Assistant Professor, IFHE University, Hyderabad
2. 2005 – 2007: Assistant Professor, TKR College of Engineering & Technology, Hyderabad
3. 2004 – 2005: GIS Engineer, Avenion India Pvt. Ltd, Hyderabad

Research / Selected Publications

1. Chandrashekhar A, G.Satish Babu, “ Optimum design of 4-UPU parallel robot using condition number” International Journal of Industrial Engineering Research and Development (IJIERD) Volume 6, Issue 2, pp. 34-38, July-Dec 2015.
2. Chandrashekhar A, S. Bhargava Satvik Sarma, R. Likhith Rana Govind “CFD analysis on conical and bell nozzle”, International Journal of Engineering Technology, Management and Applied Sciences, Volume 5, Issue 6, pp. 952 – 955, June 2017.
3. Chandrashekhar A, G.Satish Babu, “ Generation of Manipulability Ellipsoids for Different Configurations Using the Yoshikawa’s Manipulability Index and Manipulability Ellipsoid”, International Journal of Theoretical and Applied Mechanics, ISSN 0973-6085 Volume 12, Number 3 pp. 623-635,(2017).
4. Chandrashekhar A, G.Satish Babu, “CFD analysis on conical and bell nozzle” 4th International Conference on Research Trends in Engineering, Applied Science and Management (ICRTE SM-2017) organized by The Institution of Electronics and Telecommunication Engineers, O.U. Campus, Hyderabad, on 24th June 2017.
5. Chandrashekhar A, G.Satish Babu, “Performance analysis of planar parallel manipulators” International Conference on Automation, Robotics and Mechatronics (ICARM2017) organized by SRMUniversity, Chennai on 5th & 6th May, 2017

Books Published:

- “Digital Electronics and Microcontrollers”, Rajesh Akula, Chandrashekhar Akula ,VGS Publishers, 2011