

## Faculty Profile

**Name:** P Surendra

**Designation:** Associate Professor

**Qualification:** M.E. (Ph.D)

**Experience:** 12 Years

**Professional Memberships:** ISTE & IAENG

**Areas of Interest:** Design & Analysis and Fabrication

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### Academic Background:

Course	Specialization	Name of the Institution	Year of pass
M.E.	Tool Design	University College of Engineering, OU	2005
B.Tech.	Mechanical Engineering	University College of Engineering, JNTU Kakinada	2000

### Professional Experience:

S.No.	Position Held	Name of the Organization	Period
1	Assoc. Professor	Sasi Institute of Technology & Engineering	June 2008 to Till date
2	Trainee Engineer	Pitti Laminations Ltd.	Sept 2006 to May 2008

### Projects Handled:

UG	PG
16	1

### **List of Conferences/Workshops/Guest Lectures/STTPs attended:**

- Attended A Two week FDP on **“Contemporary Advances in Materials & Manufacturing Engineering”** at JNTUK, Kakinada from 30<sup>th</sup> October to 10<sup>th</sup> November.
- Attended A One Day workshop on **“Innovation and Incubation Centers in Engineering Colleges”** at SRKR Engg College, Bhimavaram on 9<sup>th</sup> March, 2017.
- A two day workshop on **“Manufacturing of Advanced Materials”** at JNTUK Kakinada during 29<sup>th</sup> & 30<sup>th</sup> September, 2016.
- Served as a Session Chair in 3rd International Conference on **"Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences"** (EEECOS/E3COS)-2016 at Sasi Institute of Technology & Engineering, Tadepalligudem during 1st and 2nd June-2016
- A five day workshop on **“Ansys Workbench”** organized by SVECW under TEQIP-II” at Bhimavaram during 14th to 18th December, 2015.
- Faculty Development Program on **“Tool Design and Manufacturing”** conducted by PBRVITS, Kavali” from September 12<sup>th</sup> to 25<sup>th</sup>, 2013
- Professional and Advanced training course on **CATIA-V5** at **e-mug** institute of engineering design, Hyderabad. Course duration 4 months

### **List of Publications:**

- **“Optimization Of Process Parameters In Drilling Using Taguchi Method”** in INTERNATIONAL JOURNAL OF ENGINEERING DEVELOPMENT AND RESEARCH (IJEDR). ISSN: 2321-9939 volume 6, Issue 2 April 2018.
- **“Modelling and Analysis of Hub For All -Terrain Vehicle”** in INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT). ISSN: 2320-2882 Volume 6, Issue 2 April 2018
- **“Prediction Of Material Removal Rate Using Genetic Algorithm”** in INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT). ISSN: 2320-2882 Volume 6, Issue 1 February 2018
- **"Design and Analysis of Wire Wound Cylinder”** in INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN BASIC ENGINEERING SCIENCES AND TECHNOLOGY (IJARBEST). ISSN ONLINE 24565717 Volume 3, ISSUE 4, April 2017.

- **“Design and Structural Analysis of Hydraulic and Ferro Fluid Twin tube shock absorber for Two Wheeler”** in **International Journal of Engineering Trends and Technology (IJETT)**. ISSN :2231-5381 volume 45 number 10 March-2017
- **"Detection of Gear teeth defect and life using artificial neural networks"** in **INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN BASIC ENGINEERING SCIENCES AND TECHNOLOGY (IJARBEST)**. ISSN ONLINE 24565717 Volume 3, ISSUE 4, April 2017.
- **“Analysis of Dent on Cylindrical Pressure Vessel using FEA”** in the **International Journal of Engineering Research & Technology (IJERT)**.ISSN:2278-0181, Volume 3, Issue 1 January-2014.
- **“Static, Dynamic and Flow Analysis of Ship Fuel System by Beam based Finite Element Analysis”** in the **International Journal of Engineering Research & Technology (IJERT)**.ISSN:2278-0181, Volume 2, Issue 9 September-2013.

**Achievements:**

- Received Best Teacher Award for the Academic year 2012-13