


## Profile

<b>Mr.D.RAJENDRA</b> Assistant Professor (Senior) Department of Mechanical Engineering School of Engineering and Technology Sri Padmavati Mahila Visvavidyalayam Tirupati – 517502	Contact: 8309936158 Email: rajendra343@gmail.com	
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### Academic Qualifications

Class	Board/University	Year of Passing	Specialization/Area
M.Tech.	Jawaharlal Nehru Technological University Kakinada.(JNTUK)	2012	CAD/CAM
B.Tech.	Jawaharlal Nehru Technological University Kakinada.(JNTUK)	2009	Mechanical Engineering
Intermediate	Board of Intermediate Education	2004	Mathematics, Physics and Chemistry
SSC	Board of Secondary Education	2002	-

### Total Experience: 9 years

Organization	Position	From	To	No. of Years
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Assistant Professor	10 <sup>th</sup> Nove 2015	2021	5
Giet college Rajamundry-AP	Assistant Professor	6 <sup>th</sup> Aug 2011	7 <sup>th</sup> Nove 2015	4

### List of Subjects Taught:

- Engineering Graphics
- Automobile Engineering

- Tool Design
- Engineering Mechanics
- Machine Design
- Manufacturing Technology-I
- Metal cutting and Machine Tools

Welding Technology

**Areas of Research Interest:**

- Welding Technology
- CAD/CAM
- Automobile Engineering

**Number of Ph.D scholars Registered : Nil**

**Number of PG Projects Guided : Nil**

**Number of UG Projects Guided : 6**

**Faculty Research Publications:**

1. "Online Knowledge-Based System for CAD modeling and Manufacturing: An Approach." E.Jayakiran reddy. Venkatesh naik. D.Rajendra (Feb-2019). © Springer Nature Singpoor Pte Ltd. 2019 H.S. Saini et al.(eds),
2. "Simulation of Critical Crack Length Propagation Using Fracture Mechanics" Mr.DEGALA RAJENDRA<sup>1</sup>, Mr. P RAVICHANDER<sup>2</sup> /Prof. R V PRASAD<sup>3</sup>*Sri Padmavathi Mahila University, Technology Tirupati, <sup>3</sup>Methodist College Of Engineering & Hyderabad*  
ISSN (e): 2250 – 3005 || Volume, 06 || Issue, 04||April – 2016 ||  
*International Journal of Computational Engineering Research (IJCER)*
3. "Designing of Solar Powered Vapor Absorption Refrigeration (VAR) System", DEGALARAJENDRA, POTHURAJU JAGADEESH, Professor M.M. NAIDU,IJNTSE / InternationalJournalof New Technologies in Science and Engineering Vol. 5, Issue. 2, 2018, ISSN 2349-0780.
4. "Design and Stress Analysis of Crankshaft for Single Cylinder 4-Stroke Diesel Engine" D.Rajendra, V.Bhargavi, Y.Suvarna, S.Swathi, International Organization of Scientific Research, Vol. 8, Issue 1, January 2018
5. "Recent Advances in Material Sciences, Experimental Testing and Evaluation of Coconut Coir/Rice Husk Fiber Reinforced with Polymer Composites" P. N. E. Naveen and R. V. Prasad ,D. Rajendra © Springer Nature Singapore Pte Ltd. 2019 S. Pujari et al. (eds.),

**Events (Conferences/Seminars/Workshops/FDPs/Training Programs/...) attended: 50**

**Administrative Experience**

- Examination Cell Committee Member
- Admission Committee Member