



sasi INSTITUTE OF
TECHNOLOGY &
ENGINEERING

Department of Mechanical Engineering

Accredited by **NAAC** with **"A"** Grade
Recognised by **UGC** under section 2(f) &12(B)
Approved by **AICTE** - NEW Delhi
Permanently Affiliated to **JNTUK, SBTET**
Ranked as **"A" Grade** by Govt. of A.P.

Faculty Profile

Name: P. Rajendra Babu

Designation: Assistant Professor

Qualification: M.Tech

Experience: 6Years

Professional Memberships: IEI, IAENG

Areas of Interest: Manufacturing, Friction Stir Welding

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Academic Background:

Course	Specialization	Name of the Institution	Year of pass
PG	Advanced Manufacturing Systems	JNTUCE, Hyderabad	2011
UG	Mechanical Engineering	SCR Engineering College	2008

Professional Experience:

S.No.	Position Held	Name of the Organization	Period
1	Assistant Professor	SCR polytechnic College	2011Nov to 2012May
2	Assistant Professor	SCR Engineering College	2012 to 2014
3	Assistant Professor	Sasi Institute of Technology & Engineering	2014 to Till date

Projects Handled:

UG	PG
7	0



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

- Attended A Three Day FDP on “Integrated Product Development”, at SITE, Tadepalligudem on May,2016
- Attended Faculty Development Programme on “Advances in Manufacturing of Composites” during 27th Nov to 2nd Dec-2017 which is conducted by SITE, Tadepalligudem

List of Publications:

- Design & Structural Analysis of Poppet Valves for TVS Luna Bike, International Research Journal of Engineering and Technology (IRJET), E-ISSN: 2395 -0056, p-ISSN: 2395-0072, Volume: 04 Issue: 03 | Mar -2017.
- Design & Thermal Analysis of I.C. Engine Poppet Valves using Solid works and FEA, International Research Journal of Engineering and Technology (IRJET) e- ISSN: 2395 -0056, p-ISSN: 2395-0072, Volume: 04 Issue: 03 | Mar -2017
- A Review on Split Cycle S. I. Engine & Axial S.I. Engine (Duke Engine) Compared with Conventional S. I. Engine, © 2017 IJSRST | Volume 3 | Issue 1 | Print ISSN: 2395-6011 | Online ISSN: 2395-602X Themed Section: Engineering and Technology
- Design and Analysis of Multicylinder Four Stroke Spark Ignition Axial Engine (Duke Engine), International Journal of I.C. Engines and Gas Turbines Vol. 3: Issue 1
- Design and Fabrication of Pesticide Series Spraying Machine for Multiple Agricultural Crops, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:6.887, Volume 5 Issue X, October 2017.
- Design and Fabrication of degradable cups making machine, International Journal on Recent Researches In Science, Engineering & Technology(IJRRSET), ISSN (Print) : 2347-6729 ISSN (Online) : 2348-3105, JIR IF : 2.54 DIIF IF :1.46 SJIF IF: 4.338,Volume 5, Issue 10, October 2017
- Investigation of Optimal Temperature Distribution, Mechanical Properties and Microstructures of Friction Stir Welded Copper Alloy Joints, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887, Volume 6 Issue II, February 2018.

Achievements:

- Qualified Gate – 2008 in Mechanical engineering, conducted by IISc Bangalore.
- I have Ratified as an Assistant Professor in the department of mechanical engineering conducted by JNTU Kakinada for SITE, Tadepalligudem in the selection committee held on Oct-2015.