

	<b>Name</b>	<b>A. ABINAY</b>
	<b>Designation</b>	Assistant Professor
	<b>Qualification</b>	M.Tech
	<b>Professional Exp.</b>	5.5 Years
	<b>Research Interests</b>	Thermal engineering

## DETAILS OF EXPERIENCE

Designation	Organization	Period	Duration
Assistant Professor	Ace Engineering College	14.12.2016-Till Date	3 Year
Assistant Professor	Sri Indu Institute Of Engineering And Technology	Dec 2015 – Dec 2016	1 Year
Assistant Professor	Holy Mary Institute Of Technology	Jan 2015 – Dec 2015	1 Year
Assistant Service Engineer	Vijay Engineering Equipments [I] Pvt Ltd.	June 2011 – Dec 2012	1.5 year

### Professional Synopsis

- **Overall 6.5 Years of experience with specialization in Teaching & Projects and Operation & Maintenance and QA.**
- 5 years experience in teaching.
- 1.5 Year Experience in Industry – Service and Maintenance of VOLVO Construction Equipments.

### Academic Credentials

- ▮ M.Tech. ( Thermal Engineering Specialization) from JNT University, Hyderabad, Dec.2014
- ▮ B.Tech. (Mechanical Engineering) from JNT University, Hyderabad, April 2011.
- ▮ Diploma (Automobile Engineering) from SBTET, Hyderabad, April 2008.

### Memberships in Professional Societies

- ▮ Member of Society of Automotive Engineers, India (SAE International).
- ▮ Life Member OF Society of mechanical Engineering.(IAENG), HONGKONG

### Journals Published ( National / International )

1. "Analysis and Fabrication of Heat Pipe and Thermosyphon" International Journal of Mechanical Engineering & Technology (IJMET), Volume 08, Issue 11, (Nov 2017)(SCOPUS INDEXED).
2. "Design, Analysis and Fabrication of Ekokart Chassis Frame" International Journal Of Mechanical And Production Engineering Research And Development (IJMPERD); ISSN (ONLINE): 2249-8001; ISSN (PRINT): 2249-6890; Impact Factor(JCC) (2018): 7.6197; Index Copernicus Value (ICV) - (2016):60.6; NAAS Rating: 3.11; VOL - 8, ISSUE - 6; Edition: Dec 2018 "(Scopus Indexed).
3. "Evaluation of CI Engine Performance by Varying Compression Ratio and with the effect of Change in Inlet Manifold" International Research Journal of Automotive Technology 2018; 1(6);1-17/ ISSN 2581-5865
4. "Fabrication and Analysis of Aluminium based Nano Composites Reinforced with Carbon Nano Tubes" in International Journal of Research in Advent Technology, Special Issue, and March 2019/E-ISSN: 2321-9637.
5. "Experimental Investigation of Welding Processes on Process Parameters" in International Journal of Research in Advent Technology, Special Issue, March 2019/E-ISSN: 2321-9637

### List of Workshops/ Short-term Courses/ Conferences / Seminars / MOOC'S-/ Webinars Attended

S. No	Name of the Conference /Short Term Course/ FDP/Work Shop	Organization Conducting	Place & Year
-------	--	-------------------------	--------------

1	Failure analysis For Non-Metallurgists	Society of Failure Analysis	Hyderabad Oct 2010
2	Advances in Machine Design	St Peters Engineering College	2015
3	A Four Day FDP on Nano Materials and Technology	ACE Engineering College	Hyderabad Nov 2017
4	One week FDP on CNC Programming and Process Simulation	ACE Engineering College	Hyderabad Dec 2019
5	MOOC'S- IC Engines and Gas Turbines	NPTEL	April 2019
6	MOOC'S- Applied Thermodynamics for Engineers	NPTEL	October 2019
7	15+ Webinars Attended		April - May 2020

### **MAIN PURPOSE OF JOB:**

The servicing and support of VOLVO Construction equipment. This work will include installation and commissioning, preventative maintenance, troubleshooting and field rectification.

### **RESPONSIBILITIES AND DUTIES:**

- ▮ To carry out routine maintenance, servicing and breakdown repairs of VOLVO Construction equipment - on customer sites and in the company service workshop.
- ▮ Support installation, commissioning activities, field troubleshooting and upgrade campaigns.
- ▮ To train customers in the routine maintenance of the equipment wherever required.
- ▮ To provide telephone technical support to customers as and when practical.
- ▮ From time to time, report warranty problems back to the manufacturing company and rectify them. •
- ▮ To undertake other tasks as required in support of the service organization.
- ▮ To carry out all activities with proper regard for personal safety and the safety of colleagues and customers.
- ▮ To keep abreast of relevant product developments and in particular to maintain any product information in an up-to-date and orderly manner.
- ▮ To ensure that all work and parts are properly recorded and Service Reports are completed and forwarded to relevant Service Co-coordinators in a timely manner.
- ▮ To ensure proper control and security of vehicle spares stocks (where applicable).