

Name: L Sandeep Raj
Designation: Assistant Professor
Department: Mechanical Engineering
Mail I'd: lsr.sandeepraj@gmail.com



Experience (in years): Teaching: 5 Research: Others(if any,
specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.Tech	2012	Mechanical Engineering
2	M.Tech	2015	Thermal Engineering
3	PhD(Pursuing)	2022	Thermal Engineering

2. Teaching and Learning:

- 2.1. Teaching Interests: Inductive style
- 2.2. Novel Teaching & Learning Techniques adopted: WIT & WIL
- 2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Teaching
- 3.2. CCA/ECA Organized:
- 3.3. CCA/ECA participated:
- 3.4. Counseling and Mentoring Activity: Mentoring 15 Students of IB.Tech
- 3.5. Committees involved in:

Department level:

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures :

- 4.1 Conducted:
- 4.2 Attended: Workshop on FEM,
 - Workshop on Manufacturing,
 - Workshop on Refrigeration,
 - Workshop on Air Conditioning,
 - Workshop on Instructional Design and Delivery Methods

Workshop on DSC,TGA

Workshop on MATLAB

Workshop on Thermal Energy Storage

5.Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles/Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided :

a) UG : Design of Air Conditioning for KS Auditorium at VNRVJIET,
Heat Transfer Analysis of Phase Change Materials

b) PG : Development of Mathematical Model for Centrifugal Casting

5.5. Research Interests : Thermal Engineering, Phase Change Materials

5.6. Ph.D students :

a) Enrolled :

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Lanka, Sandeep Raj, Durga Prasad Bandaru, and Sreenivasulu Sane. "Experimental study of density effect and natural convection in a latent heat storage unit with paraffin wax and air." <i>Energy Storage</i> : e226.	<i>Energy Storage</i> (WILEY)	https://doi.org/10.1002/est2.226	INSPEC	International
2					

5.8. Papers presented at National / International Journals :

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	ISBN/ISSN No
1	Experimental Study on Mechanical Properties of AA7075, Al ₂ O ₃ and Graphite Metal Matrix Composite	International E-Conference on Materials Processing & Characterization-2020	International	ISBN: 978-81-946476-9-0
2				

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6.Awards / Honors received:

7.Motto: