



Dr. K.V. Subba Reddy Inst. of Technology

AUTONOMOUS

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Anantapuramu.)

Accredited with NAAC A+ & NBA | Recognized under Section 2 (f) and 12B of UGC Act, 1956

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ISO 9001 : 2015 & 50001 : 2018 & ISO 14001 : 2015 Certified Institution

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Department of Mechanical Engineering

FACULTY PROFILE

Faculty Name: Mr. M RAVI SANKARA VARA PRASAD

Mobile No: 9440958056

Email ID: varaprasd.mrs@gmail.com

Faculty Photo:



Faculty Biography:

Mr. M RAVI SANKARA VARA PRASAD has completed his **M.TECH (Energy Systems)** in **Mechanical Engineering** from **JNTU College of Engineering**, Hyderabad. **B.Tech** in **Mechanical Engineering** from G. Pulla Reddy College of Engineering, **SKU**, Anantapur. Currently he is working as an **Associate Professor** in the Department of ME at Dr .K. V. Subba Reddy Institute of Technology (Autonomous), Kurnool, A.P. He has more than **21 years** of regular teaching experience.

He has vast subject knowledge in the field of Thermo Dynamics, Thermal Engineering, Heat Transfer, Refrigeration and Air Conditioning.

His teaching experience towards the subjects helps the students to improve their skills in their academics which can help them to achieve success in job career.

He always believes in simple methodology to solve various problems and train the students in the same path which can help them to understand their subject in an easy and efficient manner.

EDUCATIONAL QUALIFICATIONS

Course	Institution	University	Year	Percentage
Ph.D	Andhra University College of Engineering	Andhra University	April-2018	Doing
M. Tech	JNTU College of Engineering Hyderabad	JNTU Hyderabad	2000-2004	68%
B. Tech (ME)	G.PullaReddy Engineering College(GPREC)	SKU Anantapur	1991-1996	47.8%
Intermediate	Sri Raghavendra Jr College Allagadda	Board of Intermediate Education	1988-1990	47.3%
S.S.C	Govt. High School, Jammalamadugu	Board of Secondary Education	1988	53.1%

TEACHING EXPERIENCE

Currently working as an Associate Professor of ME in Dr. K. V. Subba Reddy Institute of Technology (Autonomous) with **1.5 years** of regular teaching experience.

Institution	Affiliated University	WorkDuration	Total Experience
Dr. K. V. Subba Reddy Institute of Technology (Autonomous)	JNTUA, Anantapur	16 th Dec 2024 –Till Date	1.5 Years
St. Johns College of Engineering and Technology	JNTUA, Anantapur	03 rd July 2019-13 th Dec 2024	5.5 Years
Sri Chaitanya Institute of Technological Sciences	JNTUH, Hyderabad	15 th Sept 2008-28 th June 2019	11.5 Years
Hasvita Institute of Engineering and Technology	JNTUH, Hyderabad	08 th Oct 2005-18 th June 2008	3 Years

Specialization: Energy Systems

JNTU RATIFICATION

✓ **Ratified** as an Assistant Professor by JNTUH, Dated: 10-06-2015.

SUBJECTS TAUGHT

1. Engineering Graphics
2. FM&HM
3. Manufacturing Processes
4. Automation & Robotics

5. Thermodynamics
6. Thermal Engineering
7. Heat Transfer
8. Refrigeration and Air Conditioning
9. Renewable Energy Systems
10. Basic Civil and Mechanical Engineering

TECHNICAL SKILLS

- C
- C++

STRENGTHS

- Strong communication skills.
- Good written skills.
- Ability to mould the students in less time.
- Dedication to hard work.
- Active participant in seminars.
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RESPONSIBILITIES HANDLED

- ✓ Acts as a HOD at Sri Chaitanya Institute of Technological Sciences.
- ✓ Acts as a HOD at St. Johns College of Engineering and Technology.
- ✓ Acts as an Organizer for various Events & functions.
- ✓ Acts as a Resource person for various Workshops & Seminars.
- ✓ Presently, acts as an Additional Controller of Examinations.

ACADEMICWORK EXPERIENCE

- National Board of Accreditation (NBA)
- National Assessment and Accreditation Council (NAAC)

LIST OF PUBLICATIONS

A. INTERNATIONAL JOURNALS (UGC Approved/Peer-Reviewed/Refereed)

S.No.	Paper Title	Authors	Publisher	Month-Year	Volume	Pages	ISSN
1	Simulation of heat Transfer and fluid flow in a porous bed of iron ore pellets during up draught drying	Om Prakash and M. Ravisankara Vara Prasad	National Conference AIME KITS,	18-Feb-2012			

			Huzurabad				
2	Development of Geo-polymer Flyash Brick embedded with phase change material laid roof for cooling of buildings	M. Ravisankara Vara Prasad	RAI JOURNAL OF TECHNOLOGY RESEARCH & INNOVATION	Dec-2016		10	2321-3213
3	Performance & Comparative Analysis of VCR system working with Helical & Spiral coil tube shaped condenser	M. Ravisankara Vara Prasad	Journal of Engineering Sciences	Jan-2020	Vol.02, Issue:1	2321-7308	0377-9254
4	Auto Tracking Mechanism for Air Cooler by using ATMEGA Microcontroller	M. Ravisankara Vara Prasad	IJAEMA Journal	Mar - 2020	Vol.12, Issue.03		0886-9367
5	Fabrication of Wind Energy based Refrigeration system using Thermo electric plates	M. Ravisankara Vara Prasad	JETIR	Mar-2020	Vol.07, Issue.03		
6	Fabrication of Thermo electric Refrigerator cum Oven	M. Ravisankara Varaprasad	JETIR	Mar-2020	Vol.07, Issue.03		
7	Fabrication of Automatic Humidification system	M. Ravisankara Varaprasad	IJAEMA	Mar-2020	Vol.12, Issue.03		

8	Fabrication and Performance of Water Cooler cum Air Conditioner	M. Ravisankara Varaprasad	IJAEMA	Jan-2020	Vol.12, Issue.10		0886-9367
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CONFERENCES & SEMINARS

- Two-week ISTE workshop on solar photo voltaics : fundamentals, Technologies and applications conducted by I.I.T. Bombay from 12th to 22nd Dec-2011, at NIT Warangal.
- National conference on Advance In Mechanical Engineering (AIME-2012) on 18th Feb-2012 by Department of Mechanical Engineering at KITS, Huzurabad, Karimnagar Dt.
- One day National workshop on Evolutionary algorithms for optimization of Engineering problems on 6th April 2013 by Department of Mechanical Engineering at KITS, Huzurabad, Karimnagar Dt.
- A National level Technical and Cultural Fest “SHODHA 2K14” at SCCE Karimnagar on 19 & 20th September, 2014.
- Workshop on PCB design & Fabrication by Dept. of ECE at SCITS, Karimnagar Dt. on 22 & 23rd Sept.2014.
- Faculty development program on computational fluid dynamics on 9 & 10th Jan 2015 by Dept. of Mechanical Engineering, SCCE, Karimnagar Dt.
- National workshop on Applications of Flexim Software to manufacturing systems on 20 & 21st Feb 2015, by Dept of Mechanical Engineering, at KITS, Huzurabad, Karimnagar Dt.
- Faculty development program on Classical thermo dynamics on 23rd to 28th November 2015 by Dept. of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram, Krishna District, A.P
- A Three day FDP on computational fluid dynamics and its applications in Engineering (Under TEQIP-II) at JNTUH College of Engineering by Al Habeeb College of Engineering and Technology, Chevella, Hyderabad during 19-21 January, 2016.
- A two week workshop on Advances in Materials and Manufacturing Processes held from 15th to 24th February, 2016 at Dept. of Mechanical Engineering, SCCE, Karimnagar.
- Participated in Faculty Enablement Programme on Fusion 360 by AUTODESK at MGIT, Hyderabad on 14th to 16th December, 2016.
- One Week FDP on Challenges and Advances in Renewable Energy Sources (CARES 2017) by Dept. of ME & EEE from 6th to 11th November, 2017 at KITS, Huzurabad, Karimnagar District.
- Participated in the AICTE Sponsored Two week FDP on “Recent Advances in Design and Development of Mechatronics & Robotic Systems” organized by the Dept. of Mechanical (Mechatronics) Engineering, MGIT, Hyderabad during 4th to 16th December, 2017.
- Participated in APSSDC online FDP on Auto CAD from 18-05-2020 to 30-05-2020.
- Participated in APSSDC online FDP on Solid Edge from 01-06-2020 to 13-06-2020.

- A five day National level online FDP on Research Innovations in ME-RIME-2020, from 13-07-2020 to 17-07-2020 by the Department of ME, Sasi Institute of Technology and Engineering, Tadepalligudem, W.G (Dt), A.P.
- Participated in APSSDC online FDP on CATIA V5 Chassis Design from 20-07-2020 to 24-07-2020.
- Participated in One week online professional development programme on AI-DRIVEN Solutions for Enhancing Electric Vehicle performance and Sustainability from 5th Jan to 10th Jan 2026. At Vardhaman College of Engineering Hyderabad.

PROJECTS&THESIS GUIDED

Course	UG	PG
No. of Students	140	30

HOBBIES

Watching & Playing Cricket, Reading G.K books, Playing Sports Games...

PERSONAL INFORMATION

Name : Mr. M. Ravi Sankara Varaprasad

Father's Name : M. Devaraju (Late)

Mother's Name : D. Lalithamma (Late)

Date of Birth :01/08/1972

Gender :Male

Nationality :Indian

Languages Known : English, Hindi and Telugu.

Address :8-9-20, Near GN Petrol Bunk, Kadapa Road, Allagadda-518543 Nandyal.

DECLARATION

I hereby declared that the above-mentioned information is true to the best of my knowledge.

Place: Kurnool

Date:

(Mr. M. Ravi Sankara Vara Prasad)