

Mr. ELUKATURI SAMMAIAH



Designation : Assistant Professor Dept. of Mech.Engg.
Qualification : M.Tech (Ph.D)
Experience : 9 Years
Specialization : Mechanical Engineering
(Gas Turbine Technology)
Date of Joining : 02-07-2013
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Academic Qualifications:

- Pursuing Ph.D in Mechanical Engineering with Title: Design and optimization of multiple shell and tube Heat exchanger, Pursuing from **Osmania University, Hyderabad** since March 2019.
- M.Tech (Gas Turbine Technology) in May 2010 from **Defence Institute of Advanced Technology**, Deemed University, (DRDO), Pune, Maharashtra.
- B.Tech (Mechanical Engineering) in June 2005 from **JNTU**, Hyderabad , Telangana.

Work Experience: 9 Years Teaching Experience

- Presently Working as Assistant Professor in Department of Mechanical Engineering in C M R College of Engineering & Technology, Hyderabad since 2nd July 2013. (6 Years)
- Worked as Assistant Professor in Department of Mechanical Engineering in St. Peters Engineering College, Maisammaguda, Hyderabad from 18-01-2013 to 02-07-2013 (6 Months).
- Worked as Assistant Professor in Department of Mechanical Engineering in Malla Reddy College of Engineering , Maisammaguda, Hyderabad from 18-01-2011 to 30-04-2012 (1.5 Years)
- Worked as Assistant Professor in Department of Mechanical Engineering in Bandari Srinivas Institute of Technology, Chevella, Hyderabad from 19-08-2007 to 17-07-2008 (1 Year).

CONFERENCE PRESENTATIONS:

Presentations in International Conferences:

1. Sammaiah E, Nitika Mittal and Suresh Batchu., “ *Study of Film Cooling Effectiveness on a Flat Plate using CFD*”, Proceedings of the 37th National & 4th International Conference on Fluid Mechanics and Fluid Power (FMFP) 2010, December 16-18, 2010, IIT Madras, Chennai, India.

2. Sammaiah E, Md Mohinoddin, Narasihulu Sanke, Adhitya Bharadwaj, “***Experimental Analysis of Forced Convection Heat Transfer in a Fin- Pin***” International Conference on Advances in Mechanical Engineering (ICAME-2018) 21st & 22nd Dec 2018. CMR College of Engineering and Technology, Kandlakoya, Medchal. [Link](#)

Presentations in National Conferences:

1. Sammaiah E, Nitika Mittal and Suresh Batchu, “***Study of Different Cooling Effectiveness Methods***” in National Level Technical Symposium (Prathiba-2010) from 7th to 8th September 2010 at TKR College of Engineering & Technology & Science, Hyderabad.
2. Sammaiah E, M.G. Patel and RD Misal., “***Modeling of Surge in Centrifugal Compressor***” in Proceedings of National Conference on Advances in Mechanical Engineering (AIME 2012) organized by Department of Mechanical Engineering, Kamala Institute of Technology and Science ,Singapur, Huzurabad, Karimnagar,A.P, India on 18th February 2012.
3. Sammaiah E, I. Pradeep, “***Shape Optimization of Forced air Cooled Radial Fin Heat Sinks for Computer Cooling***”, National Conference on Advances in Mechanical Engineering (NCAME-2014), 24th & 25th January 2014, CMR College of Engineering and Technology, Kandlakoya, Medchal Dt..

NPTEL Online Certifications Awarded:

1. Engineering Thermodynamics (July – October 2018)

Workshops Attended:

- Participated in One week FDP on Experimental Techniques and Data Analysis Organized by Osmania University, Hyderabad from 22-04-2019 to 26-04-2019.
- Participated in One week FDP on Optimization Of Process Parameters By Linear Regression Using MAT Lab-Research Focus Organized By CMR Technical Campus, Kandlakoya, Medchal from 13-05-2019 to 18-05-2019.
- Participated in Two week FDP on Train the Teachers for The Mandatory AICTE Students Induction Programme from 25-05-2019 to 03-06-2019 at CMR College of Engineering & Technology, Hyderabad.
- Attended Two Week Faculty Development Program On “Computer Aided Design and Analysis” held during June 4th – 18th , 2018, Conducted by Department of Mechanical Engineering, CMR College of Engineering & Technology in association with MECHENG,Hyderabad.

- Participated in One week FDP on organized by the Department of Mechanical Engineering CMR College of Engineering Technology, in association with ICT Academy Hyderabad from 22nd -27th Jan 2018.
- Participated in Two week FDP on Current Trends in Materials & Manufacturing organized by the Department of Mechanical Engineering CMR College of Engineering Technology, Hyderabad from 15th -27th May 2017.
- Participated in One week FDP on Engineering Graphics organized by the Department of Mechanical Engineering CMR College of Engineering Technology, Hyderabad from 24th-29th July 2017.

AREAS OF INTREST:

Thermal Engineering,

Heat Transfer,

Fluid Mechanics and Hydraulic Machinery.