

Name of Faculty Nagini Yarramsetty
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 15 – 12 - 2005
 E-mail ynagini_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Ph. D	Pursuing
PG	M.E(Heat transfer)	FIRST
UG	B. Tech (Mechanical Engineering)	FIRST

Work Experience

Teaching	18 Years
Research	---
Industry	---
Others	---

Area of Specialization Heat Transfer, Internal combustion engines, Fuels

Professional Memberships

1. Indian Society for Technical Education- LM113560
2. Combustion Institute -Indian Section- LMC-1327

Responsibilities held at Institution Level ----

Responsibilities held at Department Level

1. Student Counseling coordinator from 2006 to till date
2. Member, Course Expert Group from June 2020 to till date

Research Guidance -----

Awards Received -----

Courses Handled at Under Graduate / Post Graduate Level. Heat and Mass Transfer, Thermodynamics, Thermal and Nuclear Power Plants, Fuels and Combustion, Waste Management, Elements of Mechanical Engineering, Prime movers and Pumps, Engineering Graphics, Workshops

No. of Papers Published National Journals – 0 International Journals – 11

National Conference – 03 International Conference – 02

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker (Few Important/Prominent) --

No. of Books/Chapter Published with details 1. Published Book Titled "Alternative Liquid Fuels in IC Engines", Vrinda Publishing House, Feb2017 .

Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).

1. One Day Workshop On "Industrial Practices In mechanical Engineering" at C.B.I.T, Hyderabad on 31-08-2017.
2. Two Day Workshop "On--Alternative fuels", at C.B.I.T, Hyderabad during 10-02-2017 to 11-02-2017.
3. One week Online FDP on "Climate Change, Disaster and Pandemic Management for Sustainable Development" , organized by NITTR, Chandigarh, during 18.05.2020 to 22.05.2020,
4. One week Online FDP on "Computer Aided Design and Manufacturing (CAD/CAM) during 27-04-20 to 01-05-20 , organized by NITTR, Chandigarh, from 25.05.2020 to 29.05.2020,

5. One week Online FDP on "Strategic Planning for Entrepreneurship Promotion" organized by NITTR, Chandigarh during 04.05.2020 to 08.05.2020,
6. One week Online FDP on "Waste Management" organized by NITTR, Chandigarh during 11-05-20 to 15-05-20,
7. One week Online FDP on "Communication and Presentation Skills" organized by Chandigarh during 18-05-20 to 22-05-20,
8. One week Faculty Development Programme on "Outcome based education and NBA accreditation process-UG" organized by CBIT from during 28.05.2020 to 01.06.2020.
9. Three days on 'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop' on 23 May 2020 organized by IIT Bombay.
10. Two days online FDP on "Effective Technical Report Writing using LaTeX" organized by M.G.I.T on 8th and 9th June 2020.
11. FDP on "convective heat transfer" by NPTEL-AICTE,(Feb-March)2019,
12. FDP on "IC Engines and Gas Turbines" by NPTEL-AICTE.(Jan-March)2019.
13. FDP On --Emerging trends in Computational Materials and Industrial Applications.March2017 TEQIP-II, Mechanical Engineering Department, CBIT, Hyderabad

International Journal

1. Y.Nagini, M.V.S. Murali Krishna , S.NagaSarada (2020) "Reduction of pollutants in SI engine with varied ignition timing" ,International Journal of Automobile Engineering Research and Development (IJAuERD) Vol. 10, Issue 3, pp.59-66
2. Y.Nagini, M.V.S. Murali Krishna , S.NagaSarada (2020) " Impact of spark ignition timing on pollutants of modified combustion chamber of SI engine " , International Journal of Mechanical and Production Engineering Research and Development (JMPERD) , Vol. 10, Issue 3,pp.1131-1138
3. Y.Nagini, M.V.S. Murali Krishna , S.NagaSarada (2019) "Thermal Analysis of Modified Combustion Chamber of Spark Ignition Engine", International Journal of Mechanical Engineering and Technology,Volume-10,Issue-5,
4. Jyothirmayi Narne, Varimadugu Sandhya, Nagini Yarramsetty & V.Jaipal Reddy, (2019) " Experimental and Numerical Investigations on Crack Propagation in Titanium alloys ", International Journal of Current Engineering and Technology ,Vol-8,Issue-4,pp. 922-927
5. Ch. Indira Priyadarsini, M.V.S. Murali Krishna, Ipsita Mohanti, Y.Nagini, S. Narasimha Kumar and K.Kishor (2019) " Control of exhaust emissions from copper coated spark ignition engine with butanol blended gasoline with catalytic converter with different catalysts " , International journal of Pollution Research, Vol-37,Issue -4,
6. Ch.V.Sushma, Y.Nagini, V.Sandya, E.Himanandini, Shaheen & J.Suyeja (2018) " Investigations of mechanical properties of bidirectional carbon / glass reinforced epoxy hybrid composites" International journal of Mechanical and production engineering research and development, Vol-8, Issue-3, pp. 449-456