

Name of Faculty Dr. K. KISHOR  
 Designation Associate Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 12-09-2005  
 E-mail kkishor\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
PhD	Doctor of Philosophy (Mechanical Engineering)	Awarded
PG	M. Tech. (Thermal Engineering)	Distinction
UG	B. Tech (Mechanical Engineering)	1st Class

**Work Experience**

Teaching 32 Years  
 Research --  
 Industry --  
 Others --

Area of Specialization Thermal Engineering, IC Engines, Alternative Fuels

Professional Memberships --

Responsibilities held at Institution Level Worked as Assistant Controller of Examinations (ACOE) (Evaluation) for 02 years (from January 2017 to January 2019)

Responsibilities held at Department Level  
 1. Member, Board of Studies, MED  
 2. Timetable In-Charge, MED (from 2005 to 2019)

Research Guidance --  
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**Awards Received**

Fluid Principles and Hydraulic Machines (FPHM), Thermo dynamics (TD), Hydraulic Machinery & Systems (HMS), Applied Thermodynamics (ATD), Turbo Machinery (TM), Renewable Energy Sources (RES), Power Plant Engineering (PPE), Engineering Graphics (EG), Mechanical Technology (MT), Mechanical Engineering (ME), Advanced IC Engines (AICE), Turbo Machines (TM), Principles of Management (POM), Entrepreneurship, Organizational Behaviour (OB)

**Courses Handled at Under Graduate / Post Graduate Level.**

No. of Papers Published National Journals – 09 International Journals – 52  
 National Conference – 04 International Conference – 01

Projects Carried out --  
 Patents --  
 Technology Transfer --  
 Invited Speaker --

Published One Book Titled “Experimental Investigations on Methyl Alcohol-Gasoline Blend Fueled Catalytic Coated Two Stroke SI Engine”, ISBN NO. 978-93-85640-44-52016, Archers and Elevators Publishing House, Bangalore, India, 2016.  
 Published Chapter 2, Reduction of Pollutants in Two Stroke Petrol Engine, Advanced Aspects of Engineering Research, Vol. 9, Page 11-18, May 2021, ISBN 978-93-90888-74-0 (Print) ISBN 978-93-90888-79-5 (eBook) DOI: [10.9734/bpi/aaer/v9/2004F](https://doi.org/10.9734/bpi/aaer/v9/2004F), B P International, Hooghly, West Bengal, India Corp. Firm Registration Number: L77527

Participated in the SERB Sponsored Five-Day Online Workshop on “Recent Advances in Manufacturing Processes for Industrial Applications” organized by Department of Mechanical Engineering, National Institute of Technology Karnataka, Surathkal from February 21-25, 2022.

Attended One Week Online Faculty Development Program (FDP) on “Research Practices in Thermo-Fluid and Renewable Energy Systems”, organized by Department of Mechanical Engineering, Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, from 28-06-2021 to 03-07-2021 (One Week)

Attended One Week Online Refresher Course on “BHARATEEYA CHAITANYAM”, organized by GEERVANA BHARATHI of CHAITANYA SAMSKRUTHI, Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, Hyderabad, from 29-06-2020 to 05-07-2020. .

Attended One Week Online Faculty Development Programme on “Advanced Materials and Manufacturing” organized by Department of Mechanical Engineering, Kakatiya Institute of Technology and Science, Warangal, from 29-06-2020 to 03-07-2020.

Attended One Week Online Faculty Development Programme on “Advancements in Manufacturing & Optimization Techniques” organized by Department of Mechanical Engineering, Jayamukhi Institute of Technological Sciences, Warangal, from 22-06-2020 to 26-06-2020.

Attended One Week Online Faculty Development Programme on “Industry 4.0 – A Vision of Design and Manufacturing” organized by Mechanical Engineering Department, Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, Hyderabad, from 16-06-2020 to 20-06-2020.

Attended One Week Online Faculty Development Programme on “Outcome Based Education and NBA Accreditation Process” organized by Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, Hyderabad, from 28-05-2020 to 01-06-2020.

Attended One Week Online Faculty Development Programme on “Drone View of Hotspots in Mechanical Engineering” organized by Department of Mechanical Engineering, St. Peter’s Institute of Higher Education and Research, Avadi, Chennai, from 25-05-2020 to 29-05-2020.

Completed Online 5 weeks non-credit course “Materials Science: 10 Things Every Engineer Should Know”, authorized by University of California, Davis, and offered through COURSEERA, on 26-05-2020.

Completed an Online 4 weeks non-credit course “Ferrous Technology-I”, authorized by Pohang University of Science and Technology and offered through COURSEERA, on 24-05-2020.

Attended an Online 8 weeks SWAYAM course on “Accreditation for Undergraduate Engineering Programmes”.

Attended A Two-Day National Workshop on “Alternate Liquid Fuels in IC Engines (ALFICE-17)” organized by Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology (CBIT), Gandipet, Hyderabad, From 17-02-2017 to 18-02-2017.

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

Details of Journal Publications/  
Conferences (National and  
International)  
International Journals

1. K. Kishor (2022), "Comparative Studies on Exhaust Emissions from Two Stroke Copper Coated Spark Ignition Engine with Alcohol Blended Gasoline with Catalytic Converter", GRADIVA REVIEW JOURNAL, ISSN NO : 0363-8057, DOI:10.37897.GRJ.2021.V7I11.21.49977, VOLUME 8, ISSUE 6, pp. 872-877 (Impact factor = 6.1)
2. K. Kishor (2022), "Comparative Studies on Pollution Levels of Four Stroke Spark Ignition Engine with Methanol Blended Gasoline with Catalytic Converter", HTL Journal, ISSN NO : 1006-6748, <https://doi.org/10.37896/HTL28.06/5962>, Volume 28, Issue 6, pp. 799-805. (Impact factor = 2.7)
3. S.Narasimha kumar, K.Kishor (2022), "Effect of Fixed Injection Timing with Ceramic Coated Diesel Engine Using Linseed Oil Based Biodiesel on Exhaust Emissions", DICKENSIAN JOURNAL, ISSN NO : 0012-2440, DOI:10.12001.DK.J20, VOLUME 22, ISSUE 6, pp. 2264-2279
4. K. Kishor (2021), "Finite Element Thermal Analysis of a Two-Stroke Copper Coated Spark Ignition Engine Piston", PENSEE International Journal, ISSN/eISSN: 0031-4773, Volume 51, Issue 5, pp. 520-528. (Impact factor = 6)
5. K. Kishor (2021), "Combustion Characteristics of Copper Coated Two-Stroke SI Engine with Methanol Blended Gasoline over Conventional Gasoline Engine", Journal of Xi'an University of Architecture & Technology, ISSN: 1006-7930, Volume XIII, Issue 5, pp. 636-643. (Impact factor = 3.7)
6. K. Kishor (2021), "Control of Carbon Monoxide Emissions from Conventional and Copper Coated Two-Stroke SI Engines with Methanol Blended Gasoline with Catalytic Converter Employing Catalysts", International Journal of New Innovations in Engineering and Technology, ISSN: 2319-6319, Volume 16, Issue 4, pp. 1-8. (Impact factor = 4.012)
7. K. Kishor (2021), "Variation of Performance Parameters and Exhaust Emissions with Equivalence Ratio from Conventional and Copper Coated Two-Stroke SI Engines with Methanol Blended Gasoline", GIS SCIENCE JOURNAL, ISSN: 1869-9391 / DOI:20.18001.GSJ. 2021.V8I6.21.37451, Volume 8, Issue 6, pp. 1638-1643. (Impact factor = 6.1)
8. K. Kishor (2021), "Comparative FE Thermal Analysis of Copper Coated Cylinder Head of Two-Stroke SI Engine Over Conventional Engine", Turkish Journal of Physiotherapy and Rehabilitation, ISSN: 2651-4451 e- ISSN: 2651-446X, Volume 32, Issue 3, pp. 7038-7047. (Impact factor = 0.14)
9. K. Kishor and B. Suryanarayana (2020), "Comparative FE Thermal Analysis of Copper Coated 2-Stroke SI Engine Components over Conventional Engine", International Journal for Research in Engineering Application & Management (IJREAM), ISSN NO: 2454-9150, Volume 06, Issue 03, pp. 285-290. (Impact factor = 6.466)
10. K. Kishor and V.V.R. Seshagiri Rao (2020), "FE Thermal Analysis of Liner of a 2-Stroke Copper Coated SI Engine", Alochana Chakra Journal, ISSN NO: 2231-3990, Volume 09, Issue 06, pp. 6400-6406. (Impact factor = 6.3)
11. V.V.R. Seshagiri Rao and K. Kishor (2020), "Emissions Characteristics of Diesel Engine with JatropaMethanol Operation at Different Injector Opening Pressures", Alochana Chakra Journal, ISSN NO: 2231- 3990, Volume 09, Issue 06, pp. 5907-5912. (Impact factor = 6.3)
12. Ch. Indira Priya Darsini, M.V.S. Murali Krishna, Ipsita Mohanti, Y. Nagini, S. Narasimha Kumar, and K. Kishor (2018), "Control of Exhaust Emissions from Copper Coated Spark Ignition Engine with Butanol Blended Gasoline with catalytic Converter with Different Catalysts (PR 761)", Pollution Research, Volume 37, Issue 04, pp. 1104-1108
13. K. Kishor (2018), "Control of Exhaust Emissions from an SI Engine with Metallic (Copper) Coating Fuel Blend and Catalytic Converter", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN (P): 2249-6890; ISSN (E): 2249-8001, Volume 08, Issue 04, pp. 123- 131. (Impact factor = 7.6197)