

Name of Faculty Mr.D.Ravi  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 18-06-2018  
 E-mail ravid\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy	Pursuing
PG	M. Tech. (Thermal Engineering)	Distinction
UG	B.Tech. (Mechanical Engineering)	Distinction

Work Experience

Teaching	11 years
Research	--
Industry	--
Others	--

Area of Specialization Thermal Engineering

Professional Memberships --

Responsibilities held at Institution Level --

Responsibilities held at Department Level

1. Member, Programme Assessment Committee - BE (Mechanical)
2. NBA Coordinator for accreditation of UG MECH & PROD programs during 2016-17

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Thermodynamics, Applied Thermodynamics, Applied Thermodynamics & Heat Transfer, Heat and Mass Transfer, Hydraulic Machinery and Systems, Fluid principles and Hydraulic Machines, Power Plant Engineering, Production Technology, Elements of Mechanical Engineering, Engineering Graphics, Engineering Graphics and Design etc.

No. of Papers Published National Journals – International Journals – 07  
 National Conference – 04 International Conference – 05

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details --

- Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).
1. Organized (Co-coordinator) a one-week faculty Development Program on "INDUSTRY 4.0 – A VISION OF DESIGN AND MANUFACTURING" by MED, CBIT during 16<sup>th</sup> -20<sup>th</sup> June, 2020.
  2. Organized (Co-coordinator) a one-week FDP on ETCMIA-17, Sponsored by TEQIP-II, MED, CBIT during 20<sup>th</sup> -25<sup>th</sup> March, 2017.
  3. Organized (Coordinator) a National Level Technical Symposium Paper Presentation Contest AVISHKRUTHA – 2015 in AITH, Hyderabad
  4. Short term training programme through ICT mode on NBA Accreditation organized by NITTTR, Kolkata from 22/4/2019 to 26/4/2019
  5. FDP on Finite Element Methods for Beginners (April 20-24).
  6. FDP on Online Teaching Etiquette and Best Practices (May 10-15)
  7. FDP on Green Manufacturing: The Present & The Future From 15/05/2020 to 20/05/2020
  8. FDP on modeling and simulation using MATLAB (May 18-22)
  9. FDP on CIM and CNC organized by NITTTR –Chandigarh

from 25/05/2020 to 29/05/2020.

10. FDP on ROLE OF TEACHERS IN QUALITY ENHANCEMENT & ACCREDITATION from 05-06-2020 to 11-06-2020
11. FDP on "Recent Advances In Materials Characterizations" organized by GRIET, Hyderabad from 23/05/2020 to 28/05/2020.
12. FDP on OBE & NBA Accreditation Process organized by CBIT, Hyderabad during 28/05/2020 to 01/06/2020.
13. FDP on Industry 4.0- A Vision of Design & Manufacturing, organized by CBIT, Hyderabad during 16/06/2020 to 20/06/2020.
14. FDP on WASTE MANAGEMENT organized by NITTTR – Chandigarh from 08/06/2020 to 12/06/2020.
15. One-week FDP on FEAMCE-2017 held on 23-28<sup>th</sup> Jan,2017 Organized by MED, CBIT. Under TEQIP-II
16. One-week national level premier Faculty Development Programme on "ENGINEERING MECHANICS MADE EASY" from 28<sup>th</sup> June to 2<sup>nd</sup> July, 2017 Organized by Narasimha Reddy Engineering College, JNTUH, Hyd
17. Faculty Development Programme on "MEETING THE CHALLENGES OF TEACHER IN MODERN ENGINEERING EDUCATION" during 12<sup>th</sup> -17<sup>th</sup> June,2017 conducted by ITC, CBIT
18. Workshop on Quality Initiatives in Technical & Higher Educational Institutions (In Compliance with NBA & NAAC Accreditation) held on 6<sup>th</sup>-8<sup>th</sup> Dec,2016 Organized by ESCI, Hyderabad
19. Two-day workshop on "Emerging Trends in Automotive Technologies" held on 1<sup>st</sup> & 2<sup>nd</sup> Aug,2016 Organized by MED, MVGR College of Engineering(A), Vizianagaram
20. Two days National workshop on "Alternative Liquid Fuels In IC Engines (ALFICE-17)" during 17<sup>th</sup> & 18<sup>th</sup> February,2017 organized by MED, CBIT & TEQIP-II
21. Two days National Seminar on "Machinery Vibration Analysis (MVA-2017) Organized by MED, CBIT sponsored by AICTE during 5<sup>th</sup> & 6<sup>th</sup> October, 2017.

#### **International/ National Journals from the Year 2017**

1. D Ravi, "A compressive study on CFD analysis with sea water and engine oil of Heat Exchanger plate type", JXAT Journal (Scopus), volume XII ,Issue III,ISSN No:1006-7930,Impact Factor 3.7, March-2020
2. D Ravi, "An Effective Comprehensive Analysis on RTM Method in Carbon Composites Molding with Computational Fluid Dynamics" ,STD Journal ,Volume VIII,Issue XII,ISSN No:0950-0707,Impact Factor 6.1,December-2019
3. D Ravi, "AN EFFECTIVE COMPREHENSIVE THERMOMECHANICAL ANALYSIS OF BRAKE MECHANISM", IJMTE, Volume IX, Issue V,ISSN NO : 2249-7455,May-2019
4. D Ravi, B. Koteswararao, K. Siva kishore babu (2018) "Structural Analysis of down the Whole Button Bit with Different Materials" , ICMPC-2017, Science Direct -Materials Today Proceeding 5 (2018) 4711-4719(Elsevier proceedings)
5. D Ravi, Samson yohannes, B koteswara rao (2017)," Investigation on the performance of photovoltaic Panel with various filters" ,SKR-IEEE-ECDS-0754 , August 2017 with catalog CFP17 M55-PRJ:978-1-5386-1886-8
6. K. Siva kishore babu,B. Koteswararao,Y. Suresh,D. Ravi (2017),Published the paper on "Analysis of Quality in Solid State Welding (Copper-Copper) By Using NDT And DT by Altering Physical Properties at Constant Time", Science Direct -2214-7853 Elsevier Ltd. Proceedings 4 (2017) 7351–7356.
7. B koteswara rao, K. Siva Kishore, D Ravi, K. Kishore Kumar (2017)," Investigation of Machining Parameter in EDM of High Carbon Steel alloy (EN31)", ICMPC-2016, Science Direct - Materials Today: Proceedings 4(2017)1375-1384 (Elsevier proceedings)