

Name of Faculty Mr. K.GURUBRAHMAM
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 17 – 10 - 2016
 E-mail gurubrahmam_mech@cbit.ac.in



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

Work Experience

Teaching	5 Years
Research	06 years
Industry	02 years
Others	----

Area of Specialization Mechanical Vibrations and Acoustics, Experimental Modal Analysis, Smart Materials (PZT), condition monitoring, Digital Signal Processing,

Professional Memberships IIPE-S.S 2445(Student Member Ship)

Responsibilities held at Institution Level --

Responsibilities held at Department Level Member, Course Expert Group.

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Mechanical Vibrations, Machine Drawing, Dynamics of Machines, Kinematics of Machines, Design of Machine Elements, Advanced Vibrations and Acoustics.

No. of Papers Published National Journals – -- International Journals – 03

National Conference – -- International Conference – 01

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. Participated FDP on “INDUSTRY 4.0 – a vision of design and manufacturing” by CBIT, during 16-20 JUNE 2020
2. Participated FDP on “Recent innovation and technologies in electric vehicles” by GATES, hyd during 8-12 June 2020.
3. Participated FDP on “Latex and technical report writing” by KU AND IIT-B during 25-30 May 2020.
4. Participated FDP on “OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE” by Government College of Engineering, Karadduring 11-15 May 2020.
5. Participated FDP on “Research Methodology” by Shri Chatrapati Shivajiraje College of Engineering, during 20-25 May 2020.
6. Participated FDP on “Modeling and Simulation using MATLAB” by NITTTR, Chandigarh during 18-22 May 2020.
7. Participated FDP on “SCILAB programing” by iit-b, during 25-30 May 2020.
8. Participated FDP on “Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop” by iit-b, during 14-16 May 2020.
9. Participated FDP on “finite element methods for engineers” by Chakra University, during 20-24 April 2020.
10. Participated FDP on “outcome-based education and NBA accreditation Process-(UG)”by CBIT, during 28-05 to 01-06 2020.

11. Participated FDP on "NPTEL course NBA Accreditation and Teaching - Learning in Engineering (NATE) (12 Weeks) on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester".
12. Completed courses offered by Coursera : AI For Everyone from deeplearning, Fundamentals of waves and vibrations from École Polytechnique, Introduction to Acoustics (Part 2) from Korea Advanced Institute of Science and Technology(KAIST), COVID-19: What You Need to Know (CME Eligible) from Osmosis, Intro to Acoustics (Part 1) from Korea Advanced Institute of Science and Technology(KAIST), Introduction to Basic Vibrations from Korea Advanced Institute of Science and Technology(KAIST), Fundamentals of Fluid-Solid Interactions from École Polytechnique During July 2019 to June 2020.
13. Attended Webinar on "Use of ICT in Good Governance" Organized by Rajkiya Engineering College Banda on 07-june-2020.
14. Attended Webinar on "Nano-materials and Detection Technique of COVID-19" Organized by Babu Shivnath Agrawal (P.G.) College, Mathura (U.P.) India on 07-june-2020.
15. Attended Webinar on "NextGen Solutions Amidst COVID-19" Organized by Anurag Group of Institutions, Ghatkesar (M), India on 24-May-2020.
16. Attended Webinar on "Essential for matlab" Organized by Data Tech, India on 29 to 30-May-2020.
17. Attended Webinar on "digital transformation" Organized by storm overseas on 12-May-2020.
18. Attended Webinar on "cyber security" Organized by storm overseas on 16-May-2020.
19. Participated Short-Term Training on "Engineering research methodology" by OU-HYD, during the Dec 09 to 13 Dec 2019".
20. Presented a poster and an oral paper on Research day organized by CBIT, during 23 Aug 2019
21. Participated in one day symposium on "significance of Sanskrit for technological research, organized by cbit-hyd on 8th Sep 2018.
22. Participated in the AICTE Sponsored 2day National seminar on "Machinery Vibration Analysis (MVA-2017) by CBIT, HYD during 5-6th October 2017.
23. Participated one week FDP on "Emerging Trend in Composite Materials and Industrial Applications" -(TEQIP-II) Organized by CBIT(A) during March 20-25, 2017
24. Participated one week FDP on "Finite Element Application in Mechanical and Civil Engineering" -(TEQIP-II) Organized by CBIT(A) during Jan 23-28, 2017
25. Participated FDP on "Meeting Challenges of teacher in modern Engineering education" by ITC, CBIT, hyd during 12-17 June 2017.
26. Participated in Top Tech Program on "Aerospace Standard Practices" conducted by SAEINDIA-HYD on 7th July 2016 at MLRIT-Hyd.
27. Participated FDP on "Towards personal, professional and institutional excellence" by ITC, CBIT, hyd during 19-24 Dec 2016.
28. Attended and presented a paper in the 7th International conference on Smart Materials Structures and Systems, held during July-08-11, 2014 at Indian Institute of Science, Bangalore.
29. Participated in a Workshop on "Polymer Based Composites" conducted by Department of Science & Technology, at RV College of Engineering, Bangalore in 2006. Using glass fiber composites commercial components were prepared using "Hand lay-up" techniques. Exposure to preparation of components using "Fiber Reinforced Plastics" and "Epoxy" laminates..
30. Organized at International Summit of Agility, Design and Manufacturing from 10-13th December at UVCE Bangalore.
31. Participated in international conference on Total Engineering, Analysis and Manufacturing Technologies TEAM TECH-2004 held during 2-4 November 2004 at IISc, Bangalore.
32. Attended workshop on "Design of Materials: Advanced Composites" TEAM TECH-2004 held on 1 Nov 2004 at IISc, Bangalore.

International Journal

1. M. Baburam, Dheeraj k gara, K. Damodhar&K.Gurubrahmam(Dec 2019),” A review on process parameters associated with constitutive modelling of shape memory alloys-2”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD),ISSN(P): 2249–6890; Vol. 9,Issue 6,pp. 149–160.
2. K Gurubrahmam, M. Baburam, A. Venkatasaikumar&dheeraj k gara, (Aug 2019.), “A short review on constitutive modelling of the shape memory alloys-1”, international journal of mechanical and production engineering research and development (ijmperd)., ISSN (p): 2249-6890; ISSN (e): 2249-8001 vol. 9, issue 4, pp. 849-858.
3. P. Kirankumar,k. Gurubrahmam& j. V. Subrahmanyam(jun 2018),” Analysis of base excited stainless steel cylindrical shell subjected to horizontal acceleration”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN(p): 22249-6890,issn:2249-8001,special issue, ,pp. 14-21