

Name of Faculty Dr. G. LAXMAIAH  
 Designation Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 25-06-2004  
 E-mail glaxmaiah\_mech@cbit.ac.in



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

Work Experience

Teaching	24 Years (Includes research experience)
Research	06 Years
Industry	--
Others	--

Area of Specialization Machine Design, Vibrations

Professional Memberships Life Member ISTE(LM23913)  
Member SAE INDIA (7180410781)

Responsibilities held at Institution Level

1. Transport In-Charge from 01-01-2009 to 12-03-2020.
2. R&D Coordinator from 11-01-2019 to 06-12-2019.
3. Co convener, NC- REDNeST2015 (23-24 Jan 2015)
4. Convener, SUDHEE 2015(10-11 March 2015)
5. Member, Skill Development Centre (2012-2014)
6. Member, Website committee (2008-2010)
7. Member, Newsletter committee (2008-2010)

Responsibilities held at Department Level

1. Informatics Committee In-charge June 2020 onwards),
2. Member, Board of Studies,
3. In-charge, Central workshop (2005-2009)
4. Member, ISO activities (2008-2012)
5. Member, PAC, CAD/CAM

Research Guidance 04 Research Scholars work is in progress

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Engineering Graphics and Design, Engineering Graphics-I Engineering Graphics-II, Engineering Graphics, Machine Drawing, Kinematics of machines, Dynamics of machines, Design of machine elements, Machine Design, Vibration analysis and condition monitoring.

No. of Papers Published National Journals – 01 International Journals – 09

National Conference – 02 International Conference – 06

Projects Carried out

- 1 Industrial Consultancy Work from J K Fenner (India) Ltd, Hyderabad on “Static and Fatigue analysis of pulley” for an amount of Rs 0.25 lakhs (2013-2014)
- 2 AICTE Seminar Grant of Rs 1.0 lakhs For “Machinery Vibration Analysis” (MVA-2017) held on 5<sup>th</sup> and 6<sup>th</sup> October 2017 (2017-18).

Patents --

Technology Transfer --

Invited Speaker

1. Expert Lecture on “Design of Keys and cotter joints” at CMR Engineering College, Hyderabad on 18<sup>th</sup> November 2019
2. Expert lecture on “Noise measurement in hermetic compressors” at AICTE sponsored two day national seminar on “Machinery Vibration Analysis(MVA-2017)” organized by Chaitanya Bharathi Institute of Technology, Hyderabad during 5<sup>th</sup> and 6<sup>th</sup> October 2017

No. of Books/Chapter Published with details

1. Editor for Proceedings of AICTE Sponsored Two day National Seminar on Machinery Vibration Analysis(MVA 2017), ISBN 978-93-87418-10-3,Vrinda Publishing House,2017
2. Translator to the X Class Mathematics-Beeja Ganitham Text book from English to Telugu for the Maharashtra State Board of Secondary and higher secondary Education, Pune, Maharashtra,

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

1. Organized as a convener for one-week Faculty Development Programme on the "INDUSTRY 4.0 – A VISION OF DESIGN AND MANUFACTURING, at Chaitanya Bharathi Institute of Technology, Hyderabad from 16<sup>th</sup> to 20<sup>th</sup> June 2020.
2. Organized as a coordinator for two day AEROMANIA WORKSHOP at Chaitanya Bharathi Institute of Technology, Hyderabad in association with ASME CBIT and R&I club CBIT on 19<sup>th</sup> and 20<sup>th</sup> February 2020
3. Organized as a coordinator for the 8 days internship on Gasoline/Electric Formula race car design and development at Mahatma Gandhi Institute of Technology, Hyderabad in association with Elite Techno Groups from 10<sup>th</sup> - 17<sup>th</sup> December 2019
4. Organized as a coordinator for Research Day a one-day national student technical festival at R&D Centre, Chaitanya Bharathi Institute of Technology, Hyderabad on 23<sup>rd</sup> August 2019
5. Organized as a coordinator for the 8 days internship on Gasoline/Electric Formula race car design and development at Chaitanya Bharathi Institute of Technology, Hyderabad in association with Elite Techno Groups from 23<sup>rd</sup> - 30<sup>th</sup> July 2019
6. Organized as a coordinator for AICTE sponsored Two-day national Seminar on "Machinery Vibration Analysis" (MVA-2017) at Chaitanya Bharathi Institute of Technology, Hyderabad from 5<sup>th</sup> and 6<sup>th</sup> October 2017
7. Attended "One Week Online Refresher course on "Bharateeya Chaitanyam" organized by the Geervana Bharathi of Chaitanya Samskruthi at Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad from 29<sup>th</sup> June 2020 to 5<sup>th</sup> July 2020.
8. Attended "One Week National Level Faculty Development Program on "Recent Trends in Mechatronics and Automation" Jointly Organized by the Department of Mechanical Engineering and Electronics & Telecommunication Engineering, NBN Sinhgad School of Engineering, Ambegaon, Pune, Maharashtra from 30<sup>th</sup> June to 04<sup>th</sup> July, 2020
9. Attended One Week Faculty Development Programme on "Outcome based education and NBA Accreditation Process-(UG)", at Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad from 28<sup>th</sup> May 2020 to 1<sup>st</sup> June 2020.
10. Attended one week Faculty development Program on Outcome based education: A step towards excellence under AICTE Margdarshan scheme at Government college of Engineering , Karad, Maharashtra From 11<sup>th</sup> to 15<sup>th</sup> May 2020
11. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi, from 28<sup>th</sup> April to 22<sup>nd</sup> May 2020
12. Participated in SWACHHATA PAKHWADA-2020 organized by Chaitanya Bharathi Institute of Technology, Hyderabad from 16<sup>th</sup> to 31<sup>st</sup> January 2020.
13. Attended International Conference on "innovations in Mechanical Engineering" (ICIME-2020) sponsored by AICTE in collaboration with springer, at Gurunanak Institute of Technology, Hyderabad from 10<sup>th</sup> - 11<sup>th</sup> January 2020.
14. Attended SUPRA SAEINDIA Student formula 2019 held at Buddha international circuit, Greater Noida, from 15<sup>th</sup> to 20<sup>th</sup> July 2019.
15. Attended 2-day national conference on Aerospace and related Mechanisms (ARMS 2018) from 16<sup>th</sup> to 17<sup>th</sup> November 2018 at BITS, Hyderabad.

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

1. Dr. G. Laxmaiah, Dr. S. Solomon raj, Dr P.V.R Ravindra Reddy (2020) "Experimental stress Analysis of Rocket Motor Casing Using Elasto-Plastic Strain Theory", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN (E): 2249-8001(Accepted)
2. Dr. S. Solomon Raj, Dr. G. Laxmaiah, Mr. N. Sandeep (2020), "Design, Analysis and Optimization of 6 DOF Robotic ARM", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN (E): 2249-8001(Accepted)
3. P.V.R Ravindra Reddy, G.Chandra Mohan Reddy, B.V.S Rao, G. Laxmaiah (2020) "Effect of Various Parameters on the Bead Geometry and Flexural Strength of MIG Welded Joint" International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-3, 555-559
4. Dr. S. Solomon Raj , Dr. G. Laxmaiah , V. Ravi Kumar(2019) "Design And Analysis Of Fuselage Skin Repair Joint" International Journal of Mechanical and Production Engineering Research and Development (IJMPERD),ISSN (P): 2249-6890; ISSN (E): 2249-8001,Vol. 9, Issue 3, 887-894
5. Dr. G. Laxmaiah, Dr. P. V. R. Ravindra Reddy, Dr. S. Solomon raj (2019) "Experiemental Studies On

Optimization Of Molding Sand Composition With Tamarind Kernel Powder As Additive” International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 9, Issue 3,939-946

6. G Laxmaiah, Rishi tejaMadduri (2017) “Design and implementation of autonomous 2D mapping robots using the principles of swarm intelligence”. IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), ISSN: 2278-1684,Volume 14, Issue 5 Ver.V , 63-70.