

Name of Faculty Sri P KIRAN KUMAR  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 27-10-2005  
 E-mail Pkirankumar\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy	Pursing
PG	M. Tech. (Machine Design)	Distinction
UG	BE (IPE)	First class

Work Experience

Teaching	20 Years (Includes research experience)
Research	06 years
Industry	02 years
Others	---

Area of Specialization Machine Design, Mechanical vibrations

Professional Memberships ---

Responsibilities held at Institution Level

- Responsibilities held at Department Level
1. Member, Course Expert Group
  2. Coordinator, MECHANICA(SUDHEE) since 2014
  3. In-charge, Department Library from 2008 to till date

Research Guidance --

Awards Received --

Courses Handled at Under Graduate / Post Graduate Level. Engineering Graphics, Kinematics of Machines, Dynamics of Machines, Design of Machine Elements, Product Design & Process Planning, Workshop Practice, Auto CAD lab, Dynamics & Vibrations Lab

No. of Papers Published	National Journals – 00	International Journals – 08
	National Conference – 03	International Conference – 03

Projects Carried out --

Patents --

Technology Transfer --

Invited Speaker

No. of Books/Chapter Published with details 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

- Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / other Trainings (Attended and/or Organized).
1. Organized Two-day workshop on VACM conducted on 9<sup>th</sup> and 10<sup>th</sup> Jan 2015, Under TEQIP-II
  2. STC on WASTE MANAGEMENT organized by NITTTR – Chandigarh from 08/06/2020 to 12/06/2020.
  3. STC on OUTCOME BASED EDUCATION organized by NITTTR –Chandigarh from 01/06/2020 to 05/06/2020.
  4. STC on CIM and CNC organized by NITTTR –Chandigarh from 25/05/2020 to 29/05/2020.
  5. STIC-FDP on “The ROLE of AI & ML in Robotics & Automation” organized by Anurag University, Hyderabad from 01/06/2020 to 03/06/2020.
  6. FDP on “Recent Advances In Materials Characterizations”

- organized by GRIET, Hyderabad from 23/05/2020 to 28/05/2020.
7. FDP on OBE & NBA Accreditation Process organized by CBIT, Hyderabad during 28/05/2020 to 01/06/2020.
  8. FDP on Industry 4.0- A Vision of Design & Manufacturing, organized by CBIT, Hyderabad from 16/06/2020 to 20/06/2020.
  9. **COURSES Completed Under COURSERA**
    - i. AI for everyone -4W (04/06/2020)
    - ii Machine Design Part-I-5W (16/05/2020)
    - iii Mechanics of Materials –I -5W (08/05/2020)
    - iv Digital Manufacturing & Design -2W (21/04/2020)
    - v. Material Science: 10 Things Every Engineer Should Know -5W (20/04/2020)
  10. AICTE sponsored, FDP on “RECENT ADVANCES IN DESIGN AND DEVELOPMENT OF MECHATRONICS & ROBOTIC SYSTEMS” organized at MGIT from 04-12-2017 to 16-12-2017.

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

1. P. KIRAN KUMAR. “Analysis of Nose Cone of Missile”. International Journal of Engineering Research and Applications (IJERA), vol.10 (07), 2020, pp 24-35.
2. P. Kiran Kumar,” Effect of Sink EDM Process Parameters on Aluminium and Die Steel, International Journal of New Innovations in Engineering and Technology, ISSN: 2319-6319, Volume 14 Issue 1 June 2020, 36-42.
3. P. KIRAN KUMAR & J. V. SUBRAHMANYAM,” Analytical And Numerical Approach To Vibration Analysis Of Liquid Filled Aluminum Thin cylindrical Shells”IJMPERD ISSN (P): 2249-6890; ISSN(E): 2249-8001 ,Vol. 9, Issue 4, Aug 2019, 677-684 .
4. P. KIRAN KUMAR, K. GURUBRAHMAM & J. V. SUBRAHMANYAM, ”Analysis Of Base Excitedstainless Steel Cylindricalshell Subjected Tohorizontal Acceleration”,IJMPERD ISSN (P): 2249-6890; ISSN (E): 2249-8001 Special Issue, Jun 2018, 14-21.

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

1. P. KIRAN KUMAR, K. GURUBRAHMAM & J. V. SUBRAHMANYAM” Analysis Of Base Excited stainless Steel Cylindrical shell Subjected To horizontal Acceleration”, June 2017, ICEMS2017, MRCET, Hyderabad.
2. National conference on “Skill development and Entrepreneurship’ conducted by State and central Government for Innovation & Entrepreneurship Development in India, April 27-28,2018, ISBN:978-93-87997-42-4, Pg129