

Name of Faculty Mr. P Radha Krishna Prasad  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 11 – 03 - 1992  
 E-mail prkprasad\_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
PG	M.E(Engineering Design)	First
UG	B. E. (Mechanical)	Distinction
Work Experience		
Teaching	30 Years 10months	
Research	09 years	
Industry	--	
Others	--	
Area of Specialization	Machine Design	
Professional Memberships	ISTE, IIW	
Responsibilities held at Institution Level	1. Worked as convenor of Career Guidance Cell from 1998 to July,2017. 2. Faculty Co-Ordinator for Chaitanya Lasya from June 2019 till date. 3. Member of Career Guidance cell committee	
Responsibilities held at Department Level	1. Coordinator, Course Expert Group from June, 2020 till date. 2. Chairman, Career Guidance Cell from Oct,2018 till date.	
Research Guidance	స్వయం తేజస్విన్ భవ	--
Awards Received		--
Courses Handled at Under Graduate / Post Graduate Level.	Dynamics of Machines, Machine Design, Intellectual Property Rights, Entrepreneurship, Strength of materials, Production Drawing, Machine Drawing, Dynamics and Vibrations Lab, Cad/Cam, Design of Machine Elements.	
No. of Papers Published	National Journals – 4 International Journals – 10 National Conference – International Conference – 1	
Projects Carried out		--
Patents		--
Technology Transfer		--
Invited Speaker	1. Delivered a guest lecture on ‘Career Guidance’ to B.E. 3/4 Mechanical and Civil Engineering students of Vasavi College of Engineering, Ibrahimbagh, Hyd. On 24.08.2016 2. Delivered a guest lecture on ‘Intellectual Property Commercialization and Deployment: Issues and	

Challenges' on One-week FDP on IPR on 21.12.2016 organized by CBIT December, 19-24, 2016.

3. Delivered a guest lecture on 'Higher Education in USA' to B.E. 3/4 Mechanical Engineering students of Vasavi College of Engineering, Ibrahimbagh, Hyd. on October 30, 2021.

No. of Books/Chapter Published with details

1. A book Entitled "Emerging Trends in composite materials and Industrial Applications(ETCMIA-2017) Published by VRINDA Publishing House with ISBN number:9789385518096

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

1. Organized one day workshop on Nuclear Exploration Awareness during Mar' 2011.
2. Attended a 2-day seminar on 'Metallurgy for Non-Metallurgists, organized by TRA Education and Research Foundation, Hyd, India, held on January, 5-6, 2015.
4. Attended a 2-day seminar on 'Teaching Effectiveness, held at IITH December, 5-6, 2014.
5. Attended a 1-day workshop on 'Advances in Materials Joining Technologies' 2015 organized by Indian Institute of Welding, Hyd branch, held on 29th May, 2015.
6. Attended a 2-day National Conference on 'Role of Engineers in Developing the New State of Telangana' on 23rd & 24th January 2015, organized by CBIT.
7. Attended a 1-day seminar on 'Motivational and Personality Development' by Dr. Muralikrishna, Professor, JNTU Kakinada during February, 2015, organized by CBIT.
8. Organized (Co-convenor of the programe) a 2-day workshop on 'Vibration Analysis and Condition Monitoring of Machines (VACMM2015)' 2015 organized by MED, CBIT, Hyd branch, held on 9th & 10th January, 2015
9. Attended an International Conference (ICAMM-2016) on 'Advances in Materials and Manufacturing during 8th -10th December, 2016 organized by O.U. and DRDL.
10. Attended a National Conference on 'Recent Trends in Production Engineering on 18.1.2017 organized by OUCE,Hyd.
11. Organized a seminar on Non-Destructive Testing (NDT) Methods on 20.1.2017
12. Organized One-week FDP on Emerging Trends in Composite Materials and Industrial Applications during 20-25 March, 2017.
13. Attended One-week Faculty Development Programme on "Understanding of project management basics" organized by NITTR, Chandigarh from 27.04.2020 to 01.05.2020.
14. Attended One week Faculty Development Programme on "Innovation, Entrepreneurship and its Relevance in Industry 4.0 Practices in the Post Covid-19 Situation" organized by Mechanical engineering department of Terna college of engineering,, during May 25 to May 29 , 2020.

15. Attended One-week FDP on "Disruptive technologies in Mechanical engineering" conducted by Mechanical Engineering of Sri Nidhi Institute of Science and Technology, 8th to 12th June, 2020.
16. Attended One-week FDP on "Industry 4.0 A vision of design and manufacturing" conducted by Mechanical Engineering Department of CBIT, 16th- 20th June, 2020.
17. Attended One-week Faculty Development Programme on "Outcome based education and NBA accreditation process-UG" organized by CBIT from 28.05.2020 to 01.06.2020.
18. Attended One-week FDP on "Communication and Presentation skills", conducted by National Institute of Technical Teachers Training & Research, Chandigarh from MAY 18th to 22nd May, 2020.
19. Attended One week FDP on "Outcome Based Education: A Step Towards Excellence" conducted by Govt. Engineering college, Karad, Maharashtra from 11th to 15th May, 2020.
20. Attended One week FDP on "Optimization Techniques & Tools for Mechanical Engineers" organized by Department of Mechanical Engineering, Sreenidhi Institute of Science & Technology, Hyderabad, Scheduled from 22-27 June, 2020
21. Courses Completed in COURSEERA:
  1. Write Professional Emails in English (5 weeks) (Georgia Institute of Technology) MAY 12th, 2020
  2. Machine Design Part I (5 weeks) (Georgia Institute of Technology) MAY 18th, 2020
  3. Science of Well Being (10 weeks) (Yale University) MAY 25th, 2020
22. Completed NPTEL Swayam Course on "ETHICS in Engineering practice" (8 weeks) June, 2020
23. Attended Three-day workshop on "Effective and Efficient Online Teaching in the Age of Corona, A Hands-on Workshop" organized by IIT, Mumbai on 23 May 2020
24. Attended Workshop on "Patent Drafting and Processing with Importance of Trademark and copyright" organized by Journal of Advanced Engineering Research & powered by hexacube India on 6th and 7th May, 2020.

Details of Journal Publications/  
Conferences (National and International)

#### International Journal

1. Dr.PVR Ravindra Reddy, Dr.G.Chandra Mohan Reddy, PRK Prasad, Dr.G.Haragopal, Use of Taguchi Method for finding the significance of Alloying elements on Cast Iron a-case Study International Journal of Advanced Engineering Technology of Jan-March, 2011.
2. Dr.L.Suresh Kumar, PRK Prasad, P.Kiran Kumar, 'Experimental Investigation of Welding Aspects of ASII 304 & 306 by using Taguchi Technique for the process of TIG & MIG' International Journal of Engineering Trends and Technology, Vol.2, Issue-2, 2011
3. Dr.PVR Ravindra Reddy, PRK Prasad, B.V.S.Rao, 'Parametric Studies on Wrinkling and Fracture Limits in Drawing of Cylindrical Cup, International Journal of Modern Engineering Technology and Advanced Engineering, Vol(2), Issue 6 June, 2012

4. Dr.PVR Ravindra Reddy, Dr.G.Chandra Mohan Reddy, PRK Prasad, 'A review on Finite Element Simulations in Metal forming', International Journal of Modern Engineering Research(IJMER), Vol(2), Issue 4, Aug 2012
5. Mr. P. Radha Krishna Prasad., Dr. P.Ravinder Reddy, Dr. K. Eshwar Prasad, 'EFFECT OF WELDING PARAMETERS ON MECHANICAL PROPERTIES OF FRICTION STIR WELDED JOINTS OF AA6082 AND AA6061 ALUMINIUM ALLOYS', International Journal of Mechanical Engineering and Technology (IJMET) Volume 8, Issue 6, June 2017, pp. 564–574,ISSN Print: 0976-6340 and ISSN Online: 0976-6359, IAEME Publication Scopus Indexed.
6. KNV Sreedevi,P.Radha Krishna Prasad.MVS MuraliKrishna,Jaswant Nag GangiReddy"MODELLING AND ANALYSIS OF A DISC BRAKE" INTERNATIONAL JOURNAL OF SCIENCE AND RESEARCH(IJSR) ISSN:2319-7064 VOLUME 8,ISSUE2,FEBRUARY,2019 IMPACT FACTOR(2018):7.426
7. P.Radha Krishna Prasad, P.V.R.Ravindra Reddy "Development of a Fuzzy Logic Controller for the Estimation of Ultimate Tensile Strength for the TIG welded Al-65032", International Journal of New Innovations in Engineering and Technology, ISSN: 2319-6319, Volume 13 Issue 3 April 2020 pp. 93-100.
8. Venkata Sushma Chinta, P Radha Krishna Prasad " INVESTIGATION OF DAMAGE DETECTIONS ON GLASS/JUTE-EPOXY, GLASS-EPOXY AND JUTE-EPOXY COMPOSITE BEAMS WITH AN EDGE CRACK USING MODAL ANALYSIS "IJMPERD, ISSN (ONLINE): 2249-8001; VOL - 10, ISSUE - 3; EDITION: JUN2020.
9. P Radha Krishna Prasad,PVR Ravindra Reddy , Study on the Effectiveness of Implementation of ISO 9001:2015 QMS Standard to an Educational Institution- A case study,JXAT, Volume XIII, Issue V, MAY 2021.
10. D Ravi, P Radha Krishna Prasad,A Study on Analysis of CFD Analysis of Heat transfer Enhancement in shell by using passive technique ,JXAT, Volume XIII, Issue V, MAY 2021.

#### **National Journal**

1. Dr.MVS.Muralikrishna, PRK Prasad,M.Ajay Kumar, Parametric Studies of Catalytic Converter on Reduction of Carbon Monoxide in Spark Ignition Engine with Gashol, June-2005, Engineering Today.
2. Dr.MVS.Muralikrishna, PRK Prasad, K.Kishor, 'Parametric Studies of Pollutants from copper coated spark ignition engine with catalytic converter with gasoline blended with methanol, Journal of Current Science,9(2),2006
3. Dr.PVR Ravindra Reddy, PRK Prasad, Dr.G.Chandra Mohan Reddy, A Sarotham Reddy and K.Srikanth "EXPERIMENTAL INVESTIGATION ON FRICTION STIR WELDING OF AA6082 ALLOY USING TAGUCHI TECHNIQUE" Manufacturing technology today, September 2012.
4. Ravindra Reddy PVR, Radhakrishna Prasad P, Sriramakrishna AA ,Prabhakar Reddy P, Srinivasulu NV, Optimization of TIG Welding Parameters for AISI 304 Using Taguchi Technique, Manufacturing Technology Today, May 2016

#### **International /National Conferences**

1. Mr. P. Radha Krishna Prasad., Dr. P.Ravinder Reddy, Dr. K. Eshwar Prasad, O.Mahesh Kumar, B. Vishnu Vardhan Reddy, 'EFFECT OF TOOL GEOMETRY ON MECHANICAL PROPERTIES OF FRICTION STIR WELDING OF AL ALLOYS - A REVIEW', 'Icricat December 2016'