

Name of Faculty Dr. P. PRABHAKAR REDDY
 Designation Professor
 Nature of Job/Appointment Regular
 Date of Joining 27 - 12 - 1997
 E-mail prabhakarreddy_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (MECH)	Awarded
PG	M. E. (Mechanical – Production Engineering)	First class with Distinction
UG	B. E. (Industrial & Production Engineering)	First class with Distinction

Work Experience

Teaching	23 Years
Research	06 years
Industry	--
Others	--

Area of Specialization Production Engineering, Industrial Engineering, Superplastic Forming

- Professional Memberships**
- Member, Institute of Engineers (India), Number: M-137841-9
 - Life Member, ISTE, Number: LM 37542
- Responsibilities held at Institution Level**
- Academic Council Member, CBIT, 2018-19.
 - Nodal Officer, ARIIA- 2019, 2020.
 - Assistant Training and Placement Officer, 2017-19.
 - Member, IQAC, 2010-2019.
 - Member, NIRF - 2016 to 2020.
 - Convener, IIC, 2018-19
 - Vice-president, IIC, 2019-20
 - EDC Coordinator, 2009-2020
 - Member, Committee on NIRF Analysis, 2017, 2020
 - Member, Committee on Faculty grievance, 2019
 - Member, Institute proposal team for Autonomous status to UGC in 2012
 - Member, Institute proposal team for Deemed to be University in 2013
 - Member, NAAC - Self Study Report team for NAAC Accreditation for first time in 2009
 - Member, NAAC - Self Study Report team for NAAC Accreditation for renewal in 2016
 - Faculty Coordinator, CBIT-NITTR, 2020-22
- Responsibilities held at Department Level**
- Member, Board of Studies
 - Faculty Incharge- Curriculum
 - Coordinator- NBA
 - Attendance monitoring
 - Class teacher
 - EDC activities

Research Guidance Guiding 8 PhD Scholars under Osmania University, JNTUH and Rayalaseema University. One scholar submitted The Thesis and waiting for reports

Awards Received "Young Engineer of the year Award-2007" by Government of Andhra Pradesh and Institution of Engineers (India), AP state Centre, Hyderabad

- Courses Handled at Under Graduate / Post Graduate Level.**
- P.G.**
- Product Design and Process Planning
 - Automation
 - System Simulation

4. Experimental Techniques and Data Analysis
5. Technology Management

U.G

1. Metal Cutting and Machine Tool Engg
2. Engineering Drawing
3. Elements of Mechanical Engineering
4. Metrology and Instrumentation
5. Entrepreneurship
6. Product Design and Process Planning
7. Supply Chain Management
8. Total Quality Management
9. Value Engineering
10. Mechanical Technology
11. Production and Operations Management
12. Management Information System
13. Operations Research
14. Industrial Administration and Financial Management

Labs :

1. Metal Cutting and Machine Tool Engg Lab
2. Manufacturing Engg Lab
3. Work shop/Manufacturing Practice

No. of Papers Published	National Journals – 01	International Journals – 14
	National Conference – 06	International Conference – 09
Projects Carried out	Conducted A Two week, AICTE sponsored Faculty Development Programme on “Recent Advances in Manufacturing Automation and Simulation” during 17th May to 29th May 2012 with a funding of Rs. 6.50 Lakhs	
Patents		--
Technology Transfer		--
Invited Speaker	<ol style="list-style-type: none"> 1. Resource person for inhouse faculty development programme on “effective Teaching” on 28th Nov 2018at CBIT. 2. Resource person for the three day workshop on “Principles of effective teaching and learning skills” on 29th Nov 2008 at SRTIST, Nalgonda 3. Guest lecture on “Seven habits of highly effective people” on 20th June, 2003 at SNIST Hyderabad 	
No. of Books/Chapter Published with details		--
	<ol style="list-style-type: none"> 1. Successfully Completed “The hidden value-Lean in manufacturing and services” an online non-credit course authorized by Ecole des Ponts, ParisTech and the Boston Consulting Group and offered through Coursera on 20-05-2020 2. Successfully Completed “Becoming a change maker: Introduction to social Innovation” an online non-credit course authorized by University of Cape Town and offered through Coursera on 23-05-2020 3. A One Week Faculty Development Program on “Management Capacity Enhancement Program for Administrators”, at IIM, Indore during 27-10-2014 to 01-11-2014 4. Coordinator, for A Two week, AICTE sponsored Faculty Development Programme on “Recent Advances in Manufacturing Automation and Simulation” Organized by Department of Mechanical Engineering, CBIT, Hyderabad from 17th May to 29th May 2012 with a funding of Rs. 6.5 Lakhs 5. Organized students Conference Technopreneurial Summit (T- summit) in 2007, 2009, 2013, 2015, 2017, 2019, 2020 6. Organised one week FDP on Intellectual Property Rights in Feb 2016 7. Organised 1 month Business Skill Development Programme (BSDP) for SC/ST students in association with MSME , Ministry of Industries, Govt. of India during 18-02-2010 to 20-03-2010 8. Cooordinator, for A Two week, AICTE-ISTE short term programme on “Advanced Metal Working Techniques & finite element simulations in Metal forming” Organized by Department of Mechanical Engineering, CBIT, Hyderabad from 30th June to 11th July 2003 	
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops.Other Trainings (Attended and/or Organized).		

9. A One week short term course on “Mechatronics”, organized by Institute of Engineers, AP chapter, Hyderabad, from 16-06-2008 to 20-06-2008.
10. A Two week ,AICTE-ISTE short term programme on “Advanced Metal Working Techniques & finite element simulations in Metal forming” Organized by Department of Mechanical Engineering, CBIT, Hyderabad from 30th June to 11th July 2003.
11. A one Week Short term programme on “Robotics and Automation Systems” Organized by CBIT & MGIT, Hyderabad in collaboration with consortium for faculty development in Mechanical Engineering from 2nd to 7th June’2003.
12. A Four Week UGC Sponsored orientation course organized by Academic Staff College, Osmania University, Hyderabad in 1999.
13. A two week, AICTE-ISTE short term Programme on “Computer Aided Design and Analysis” Organized by Department of Mechanical Engineering, CBIT, Hyderabad from 16th August’1999 to 27th August 1999.
14. Organized one week online FDP on “Industry 4.0- A vision of design and manufacturing” during 16-20, June, 2020
15. Attended one week FDP on “Outcome based education and NBA accreditation process” organized by CBIT from 28-05-2020 TO 01-06-2020
16. Attended one week FDP on “Disruptive Technologies in Mechanical Engineering” organised by SNIST, Hyderabad 08-06-2020 to 13-06-2020.

Details of Journal Publications/
Conferences (**National and International**)
International Journals:

1. P.Prabhakar Reddy, P.Ramakrishna Reddy, B.Suryanarayana, “Nurturing Entrepreneurial skills among students in professional educational institutions “ International Journal of Advances in Management, Technology & Engineering Services, Vol 1, issue 6, 2012, ISSN No.2249-7455
2. P.Prabhakar Reddy, PVR Ravindra Reddy, A.A. Sriramakrishna, “A review on superplastic behavior in light alloys” International Journal of Engineering research and Technology, 2013, ISSN No. 2278-0181
3. Pavankumar, Madhuanupoju, Ramanjaneya Reddy, P.Prabhakar Reddy “Friction Stir Welding (FSW) simulations using FEA techniques parametric study using ANSYS APDL” in IJSRD, April 2016, ISSN No. 2321-0613
4. P.V.R.Ravindra Reddy, P.Prabhakar Reddy, Nitish Kumar, P.Agrawal, N V Reddy, “Taguchi experimental analysis on relative effect of copper and silicon additions on mechanical properties of grey cast iron” in Journal of Scientific and Industrial Research 0975-1084 (online), 0022-4456 (print) (communicated)
5. P.Prabhakar Reddy, PVR Ravindra Reddy, A.A. Sriramakrishna, N.V.Srinivasulu, “Taguchi parameter design for MIG welding of Al-65032 alloy in as weld condition” in International Journal of Applied Engineering Research. Volume 13, Number 11, 9394-9402, April 2018
6. P.Prabhakar Reddy, P.V.R.Ravindra Reddy “Design of a Fuzzilogic Controller for the Prediction of Impact Toughness of the TIG welded Al-65032 with Reduced Database” International Journal of Research and Analytical Reviews May 2020, Volume 7, Issue 2 (E-ISSN 2348-1269, P- ISSN 2349-5138), pp 311-315
7. P.Prabhakar Reddy, P.V.R.Ravindra Reddy “A Novel Approach To Measure Course And Programme Outcomes And Expediting Teaching Learning Process -A Sample Study” International Journal Of Scientific & Technology Research Volume 9, Issue 04, April 2020 ISSN 2277-8616 pp 2552-2555
8. Pavan Kumar T, P.Prabhakar Reddy “Organic Solar Cells: The Renewable Energy Sources of the Future- A Review” Materials Today: Proceedings 12 (2019) 1826–5426
9. P.Prabhakar Reddy, P.V.R.Ravindra Reddy, (2020), “Design of a Fuzzilogic Controller for the Prediction of Impact Toughness of the TIG welded Al-65032 with Reduced Database” International Journal of Research and Analytical Reviews May 2020, Volume 7, Issue 2 (E-ISSN 2348-1269, P- ISSN 2349- 5138), pp 311-315
10. P.Prabhakar Reddy, P.V.R.Ravindra Reddy, (2020) “A Novel Approach To Measure Course And Programme Outcomes And Expediting Teaching Learning Process -A Sample Study” International Journal Of Scientific & Technology Research Volume 9, Issue 04, April 2020 ISSN 2277-8616 pp 2552
11. Prabhakar Reddy, P, Akhilesh K, Manideep G, Saikrishna P, Performance evaluation of copper coated aluminium electrodes in EDM process, International Journal of Innovative Science, Engineering and technology, Volume 7, Issue 7, July, 2020
12. P. Prabhakar Reddy, PVR Ravindra Reddy, Experimental analysis of staggered feed rate on surface finish of flow formed component using ANOVA, Journal of Shanghai Jiaotong University, Volume 17, Issue 4, 2021
13. P. Prabhakar Reddy, PVR Ravindra Reddy, Design and development of a fuzzy logic controller for prediction of inner surface finish of flow formed component, Journal of Xian University of architecture and technology, Volume XIII, Issue 6, 2021
14. PVR Ravindra Reddy, K. Ankamma, G. Chandra Mohan Reddy, P. Prabhakar Reddy, A screening test on flow forming parameters using Taguchi Method, PENSEE international Journal, Volume 51, Issue 4, 2021

National Journal:

1. P.Prabhakar Reddy, AbhijitDutta, Amit Kumar, M. Komaraiah “Thermomechanical Treatment of 7010 Al alloy for achieving fine grain size” in National Journal of Manufacturing Technology Today, ISSN No. 0972-7396

International Conference:

1. T.Pavan Kumar, P.Prabhakar Reddy, “Non-Destructive Analysis of FSW Process and Comparison With Simulation and Microstructural Analysis” International Conference on ICMMD 2017, MIT, Auranagabad
2. P.Prabhakar Reddy, P.RamakrishnaReddy, B.Suryanarayana, “Nurturing Entrepreneurial skills among students in professional educational institutions “International Conference ICCTCMECAT- 2012 at DIEMS Aurangabad
3. P.Prabhakar Reddy, P.Ramakrishna Reddy “Transformation of students as budding entrepreneurs in technical educational institutions” in International Conference ICORTE -2010 at OU, Hyderabad
4. P.Prabhakar Reddy, M.Komaraiah, P.SrinivasRao, Kaushik Bhattacharya “Buckling Sensitivity study of buckling of thin cylindrical shells with cutouts using FEM” in International conference CAR&FOF-1998 at PSG college of Technology, Coimbatore
5. AbhijitDutta, P.Prabhakar Reddy, D.Anil Kumar, M.Komaraiah “Superplastic behavior of Mg-8Li-6.5Al alloy” in International Conference AIMTDR- 2000 at IIT Chennai
6. AbhijitDutta, P.Prabhakar Reddy, Amit Kumar, M.Komaraiah “Evaluation of Superplasticity in Mg-8%Li alloy” in International conference ICAMMP-2002 at IIT Kharagpur
7. P.Prabhakar Reddy, AbhijitDutta, M.Komaraiah “Thermomechanical treatment of 7010 Al alloy for achieving fine grain size” in International Conference AIMTDR- 2002 at BITS Ranchi
8. AbhijitDutta, P.Prabhakar Reddy, Amit Kumar, M.Komaraiah “Development of Superplasticity in high strength Al alloy 7010” in International Conference AIMTDR- 2004 at VIT Vellore
9. PVR Ravindra Reddy, K. Ankamma, G. Chandra Mohan Reddy, P. Prabhakar Reddy, Experimental investigation on the effect on the feed rate and stagger on flow forming of SAE 4130 tool steels, International conference on developments in sustainable materials, manufacturing and energy engineering – ICDSME-2021, CBIT, April, 2021

National Conferences:

1. P. Jayapal Reddy, P.Ramakrishna Reddy, P.Prabhakar Reddy, “The role of educational institutions in promoting entrepreneurship awareness among student communities” in National Conference on Entrepreneurship education: status and future initiatives at NISIET-2007, Hyderabad
2. P.Prabhakar Reddy, P.Ramakrishna Reddy, B.Suryanarayana, “Developing entrepreneurial citizens in formal education system” National Conference on Entrepreneurship-2011 at TIMSR Mumbai
3. P. Ramakrishna Reddy, B.Suryanarayan, P.Prabhakar Reddy “ Technical Education in the state of Telangana : SWOT Analysis” National Conference, REDNEST 2015, CBIT, Hyderabad
4. P.Prabhakar Reddy, AbhijitDutta, M.Komaraiah “Influence of grain size in superplastic alloys” in National Conference LMCSSN 2002 at RRL Thiruvananthapuram
5. AbhijitDutta, P.Prabhakar Reddy, “Superplasticity in Mg-8Li-6.5Al alloy” in DhatuDrishiti, A DMRL technical publication, Issue 9&10, 2001
6. P. Prabhakar Reddy, AbhijitDutta, M. Komaraiah, Amit Kumar, “A study on Superplastic behavior in Light Alloys”, National Conference at MINAC-2001, JNTU, Ananthapur

స్వయం తేజస్విన భవ

1979