

Name of Faculty Dr. PPRABHAKAR 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 ENGG)	First class with Distinction
UG	B. E. (INDUSTRIAL AND PRODUCTION ENGG)	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	<ol style="list-style-type: none"> 1. Member, Institute of Engineers (India), Number: M-137841-9 2. Life Member, ISTE, Number: LM 37542 1. Academic Council Member, CBIT, 2018-19. 2. Nodal Officer, ARIIA- 2019, 2020. 3. Assistant Training and Placement Officer, 2017-19. 4. Member, IQAC, 2010-2019. 5. Member, NIRF - 2016 to 2020. 6. Convener, IIC, 2018-19 7. Vice-president, IIC, 2019-20 8. EDC Coordinator, 2009-2020 9. Member, Committee on NIRF Analysis, 2017, 2020 10. Member, Committee on Faculty grievance, 2019 11. Member, Institute proposal team for Autonomous status to UGC in 2012 12. Member, Institute proposal team for Deemed to be University in 2013 13. Member, NAAC - Self Study Report team for NAAC Accreditation for first time in 2009 14. Member, NAAC - Self Study Report team for NAAC Accreditation for renewal in 2016 15. Faculty Cordinator, CBIT-NITTTTR, 2020-22 	
Responsibilities held at Institution Level		
Responsibilities held at Department Level	<ol style="list-style-type: none"> 1. Member, Board of Studies 2. Faculty Incharge- Curriculum 3. Coordinator- NBA 4. Attendance monitoring 	

	<ul style="list-style-type: none"> 5. Class teacher 6. 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
	For P.G.
	<ul style="list-style-type: none"> 1. Product Design and Process Planning 2. Automation 3. System Simulation 4. Experimental Techniques and Data Analysis 5. Technology Management
	For U.G
Courses Handled at Under Graduate / Post Graduate Level.	<ul style="list-style-type: none"> 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 :
	<ul style="list-style-type: none"> 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	1. Resource person for inhouse faculty development programme on “effective Teaching” on 28th Nov 2018at CBIT.

No. of Books/Chapter Published
with details

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

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

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
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.

22 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, Madhuanupuju, 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 pp2552
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, Abhijit Dutta, 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, Aurangabad
2. P.Prabhakar Reddy, P.Ramakrishna Reddy, 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. Abhijit Dutta, 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. Abhijit Dutta, 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, Abhijit Dutta, M.Komaraiah “Thermomechanical treatment of 7010 Al alloy for achieving fine grain size” in International Conference AIMTDR- 2002 at BITS Ranchi
8. Abhijit Dutta, 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 LMCCSN 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

