

1	Name of Faculty	V. Jaipal Reddy		
2	Designation	Assistant Professor		
3	Nature of Job/Appointment	Regular		
4	Date of Joining	14-07- 2008		
5	E-mail	vjaipalreddy_mech@cbit.ac.in		
6	Education Qualifications	Name of the Degree		Class
	Ph. D	Doctor of Philosophy (Pursuing)		
	PG	M.E (Manufacturing Systems)		First
	UG	B. Tech (Mechanical)		First
7	Work Experience			
	Teaching	12 Years		
	Research	02 years		
	Industry	06 months		
	Others	--		
8	Area of Specialization	Manufacturing systems		
9	Professional Memberships	--		
10	Responsibilities held at Institution Level	<ol style="list-style-type: none"> 1. Worked as Co-In-Charge, Academics and Examinations, from 17-10-2017 to 10-03-2020. 2. Co-convener-Academic Committee, Shruthi-2018, 2019, 2020 		
11	Responsibilities held at Department Level	<ol style="list-style-type: none"> 1. Class Teacher & Attendance Monitoring Teacher- Mechanical and Production. 2. Member, Course Expert Group-Production. 3. Member, NBA-Accreditation Committee. 4. Member, UGC-NAAC committee. 5. Students Counselor. 6. Faculty Co-Coordinator for MECHANICA-2015. 7. Student Internship Mentor. 		
12	Research Guidance	--		
13	Awards Received	--		
14	Courses Handled at Under Graduate / Post Graduate Level.	Mechanical Technology, Mechanical Engineering, Engineering Drawing, Elements of Mechanical Engineering, Kinematics of Machines, Mechanics of Materials Theory & Lab, Machine Drawing, Surface Engineering, Production Drawing, Total Quality Management.		
15	No. of Papers Published	National Journals – nil	International Journals – 05	
		National Conference – 01	International Conference – 03	
16	Projects Carried out	--		
17	Patents	--		
18	Technology Transfer	--		
19	Invited Speaker	--		
20	No. of Books/Chapter Published with details	--		
21	Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops/Other Trainings (Attended and/or Organized).	<ol style="list-style-type: none"> 1. A Two Week AICTE sponsored FDP on “Recent Advances in Manufacturing and Simulation (RAMAS-2012)” Organized by the Department of Mechanical Engineering, CBIT, Hyderabad, A.P., during 07-05-2012 to 19-05-2012. 2. Coordinator for A Two day workshop on “Recent Trends in Manufacturing (RTM-2013)”, organized by the Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad (under TEQIP-II) held on 29-07-2013 & 30-07-2013. 3. Co-Coordinator for A Two Week AICTE sponsored FDP on “Finite Element Analysis and Practices Through Ansys (FEAA PTA-2014)” Organized by the Department of Mechanical Engineering, CBIT, Hyderabad, A.P., during 17-03-2014 to 29-03-2014. 		

		<ol style="list-style-type: none"> 4. Organized A Three day “TEP student Design Thinking Work shop” at CBIT , Hyderabad during 11-07-2014 to 13-07-2014 in Collaboration with ISB Hyderabad & TASK ,Hyderabad, Telangana 5. Organized A One day “TEP Design Challenge workshop” at CBIT, Hyderabad on 14-02-2015 in Collaboration with ISB, Hyderabad & TASK, Hyderabad, Telangana . 6. Organized A Three day “TEP student Design Thinking Workshop” at CBIT, Hyderabad in the month of May 2015 in Collaboration with ISB, Hyderabad & TASK, Hyderabad, Telangana . 7. Organized A Two day “TEP student Design Thinking Work shop” at ISB campus, Hyderabad in the month of September 2016 in Collaboration with ISB, Hyderabad & TASK ,Hyderabad, Telangana 8. A Four Week Orientation programme at Guru Ghasidas Vishwavidyalaya (A central University), Bilaspur, Chhattisgarh during 30-05-2016 to 25-06-2016 in collaboration with UGC-HRDC. 9. Co-Coordinator for A One Week TEQIP Sponsored “Finite Element Applications in Mechanical and Civil Engineering- (FEAMCE-2017)” Organized by the Department of Mechanical Engineering, CBIT, Hyderabad, T.S., during 23-01-2017 to 28-01-2017. 10. AICTE sponsored Two Weeks STC Under QIP on “Advanced Material Science and Engineering” Organized by the Department of Mechanical Engineering, CIT, Coimbatore, Tamilnadu during 15-05-2017 to 28-05-2017. 11. One week Short term course on "Engineering Research Methodology" organized by Department of Mechanical Engineering, Osmania University, Hyderabad, Telangana from 09-12-2019 to 13-12-2019. 12. One week Online FDP on “Strategic Planning for Entrepreneurship Promotion” organized by NITTTR , Chandigarh from 04.05.2020 to 08.05.2020. 13. One week Online FDP on “Artificial Intelligence” organized by Santhiram Engineering College, Nandyal-A.P from 13.05.2020 to 17.05.2020. 14. One week Online FDP on “Social Entrepreneurship for Technical Entrepreneurs” organized by NITTTR, Chandigarh from 18.05.2020 to 22.05.2020. 15. One week Online FDP on “Computer Integrated Manufacturing & CNC (CIM/CNC)” organized by NITTTR, Chandigarh from 25.05.2020 to 29.05.2020. 16. One week Online FDP on “Outcome Based Curriculum Design” organized by NITTTR, Chandigarh from 01.06.2020 to 05.06.2020. 17. One week Online FDP on "Waste Management" organized by NITTTR, Chandigarh from 08.06.2020 to 12.06.2020. 18. One week Online FDP on "Industry 4.0- A Vision of Design & Manufacturing", organized by Department of Mechanical Engineering, CBIT(A), Hyderabad during 16/06/2020 to 20/06/2020. 19. One week Online FDP on “Management of Small and Medium enterprises” organized by NITTTR, Chandigarh from 22.06.2020 to 26.06.2020. 20. A One day webinar on "Casting Defects and Remedies with Case Studies", organized by Extension center- Rajkot, MSME-TDC (PPDC), Agra, during 6-05-2020. 21. Two day Online STC on "New Product Development & Computer Aided Quality, organized by Extension center- Rajkot, MSME-TDC (PPDC), Agra, during 29-05-2020 to 30-05-2020. 22. Completed an online 5 weeks non-credit course “Materials Science: 10 Things Every Engineer Should Know” authorized by University of California, Davis and offered through Coursera on 27-04-2020. 23. Completed an online 4 weeks non-credit course “How to publish and write Scientific paper (Project-centered Course)” authorized by University of Ecole Polytechnique offered through Coursera on 26-04-2020. 24. Completed an online 5 weeks non-credit course “Mechanics of materials-1” authorized by University of Georgia Institute of Technology offered through Coursera on 11-05-2020. 25. Completed an online 4 weeks non-credit course
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		<p>"Manufacturing process with Auto desk Fusion 360" authorized by Autodesk offered through Coursera on 14-05-2020.</p> <p>26. Completed an online 4 weeks non-credit course "Ferrous Technology-I" authorized by Pohang University of Science and Technology through Coursera on 14-05-2020.</p> <p>27. Completed an online 7 weeks non-credit course "Ferrous TechnologyII" authorized by Pohang University of Science and Technology through Coursera on 21-06-2020.</p> <p>28. Participated and Received Certificate in the IIC online Sessions Conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide Lockdown</p>
22	Details of Journal Publications/ Conferences (National and International)	
	<p>International Journal</p> <ol style="list-style-type: none"> 1. Dr B James Prasad rao, Dr.L.suresh kumar, G.gopal, V.jaipalreddy, jyothirmayi "Application of genetic algorithms For modelling the EDM parameters on Machining of AISI 4340 steel" Volume 10, Issue 1, January-June, 2019, pp. 49-58, Article ID: IJPTM_10_01_005 Journal Impact Factor (2019): 7.2150 (Calculated by GISI). 2. Jyothirmayi Narne, Varimadugu Sandhya, Nagini Yarramsetty & V.Jaipal Reddy, "Experimental and Numerical Investigations on Crack Propagation in Titanium alloys ", International Journal of Current Engineering and Technology, Vol-8, May 2019, Issue-4, 922-927. 3. G.Gopal, Dr.L.Suresh Kumar, V.Jaipal Reddy, M. Uma Maheshwara Rao, K.Pavan Kumar "Vibration Isolation of the wind tunnel Drive System" paper published in Science Direct materials today Conference by Elsevier Journal Volume 4, Issue 8, 2017, pages 7778-7792 4. G.Gopal, Dr.L.Suresh Kumar, V.Jaipal Reddy and V.Sandhya "CFD Analysis of a Pelton Wheel" International Journal of Engineering Trends and Technology(IJETT)-, Volume 31 Number 3-January 2016. 5. G.Gopal, Dr.L.Suresh Kumar, V.Jaipal Reddy and V.Sandhya " Analysis of a Hypoid Gear (Static and Dynamic Analysis)" Institute for Research and Development India, ISSN(print): 2321-5747, Volume-4, Issue5-6, 2016 <p>International /National Conferences</p> <ol style="list-style-type: none"> 1. Dr.B.veera Jyothi, Dr.L.Suresh kumar, V.Jaipal Reddy "Design And Fabrication Of Missile Wing Gear Box" at International e-Conference on "Futuristic Trends in Mechanical, Materials & Manufacturing(ICMMM 2020)" conducted by St.Peter's Institute Of Higher Education And Research on 16.06.2020. 2. Dr.B.veera Jyothi, Dr.L.Suresh kumar, V.Jaipal Reddy "Design And Analysis Of Leaf Spring By Using Composite Material" at International e-Conference on "Futuristic Trends in Mechanical, materials & Manufacturing(ICMMM 2020)" conducted by St.Peter's Institute Of Higher Education And Research on 16.06.2020. 3. G.Gopal, Dr.L.Suresh Kumar, V.Jaipal Reddy and V.Sandhya " Analysis of a Hypoid Gear (Static and Dynamic Analysis)" International Conference on Technological Innovations in Mechanical Engineering (TIME-2016) ISBN:978-93-81692-07-1: 170-176, Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad, 10th -11th February, 2016. 4. Varimadugu Sandhya, Jyothirmayi Narne, V.Jaipal Reddy "FEA of Chassis Assembly" National Conference on Innovations in Mechanical Engineering (NCIME) ISBN: 978-93-82163-00-8, MITS, Madanapalle, 2013. 	