1	Name of Faculty	Dr. RAHUL	
2	Designation	Assistant Professor	
3	Nature of Job/Appointment	Regular	
4	Date of Joining	28 – 06 - 2019	
5	E-mail	rahul_mech@cbit.ac.in	
6	Education Qualifications	**Name of the Degree**	**Class**
	Ph. D	Doctor of Philosophy	Awarded
	PG	M. Tech. (Materials Engineering)	First with Distinction
	PG	MBA (HR)	Second
	UG	B. E. (Mechanical Engineering)	First with Distinction
7	Work Experience		
	Teaching	03 Years	
	Research	06 years	
	Industry	--	
	Others	--	
8	Area of Specialization	Welding, Material Testing, Advanced Material Processing	
9	Professional Memberships	1. The Institution of Engineers (India) (IEI) – Associate Member (AMIE) 2. Indian Institute of Welding (IIW) – Life Associate Member 3. Indian Institute of Metals (IIM) – Life Member (58107) 4. Materials Research Society of India (MRSI) – Life Member (LMB3174) 5. Powder Metallurgy Association of India (PMAI) – Life Member (L00978) 6. Society for Failure Analysis (SFA) – Life Member (LM-SFA-0925)	
10	Responsibilities held at Institution Level	R&D coordinator from Mechanical Engineering department	
11	Responsibilities held at Department Level	Assistant Timetable In-charge from March 2020 to till date	
12	Research Guidance	--	
13	Awards Received	1. Received Best Innovative Student Project Award 2013 at Master's Level by Indian National Academy of Engineering (INAE), for my M. Tech Research Work on "Development of Novel Nano Composites Using Unique Approaches and Their Mechanical and Tribological Characteristics". 2. Best Paper Award in National Conference on Innovations in Chemical Engineering 2013, Hyderabad, November 15-16, 2013. 3. Second Best Paper Award in IVBS 2013 (Welding Management for Sustainable Development), Visakhapatnam, November 22-23, 2013. 4. Awarded Best Research Scholar 2018 by The Institution of Engineers (India), Telangana State Centre for my PhD on "Influence of Parent Metal Microstructure and Post Weld Heat Treatments on the Microstructure and Mechanical Properties of Ti-6Al-4V Friction Welds".	
14	Courses Handled at Under Graduate / Post Graduate Level.	Materials Science and Metallurgy, Principles of Management, Entrepreneurship, Basic Mechanical Engineering, Foundry Technology and Non-Destructive testing, Fuels, Furnaces and Refractories	
15	No. of Papers Published	National Journals – NIL	International Journals – 01
		National Conference – 03	International Conference – 09
16	Projects Carried out	--	
17	Patents	--	
18	Technology Transfer	--	

19	Invited Speaker	Presented a paper, Invited Talk at International Institute of Welding, 5th IIW Welding Research & Collaboration Colloquium, Limburg, Germany, October 28-30, 2015.
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).	1. A one week online faculty development program on "Recent Advances in Mechanical Engineering: A Research Perspective", during 6-10 July 2020, organized by Mahatma Gandhi Institute of Technology. 2. A one week online faculty development program on "Industry 4.0 – A Vision of Design and Manufacturing" during 16 – 20 June 2020, organized by Chaitanya Bharathi Institute of Technology. 3. A one week faculty development program on "Outcome Based Education and NBA Accreditation Process (UG)", during 28 May 2020 to 01 June 2020, organized by Chaitanya Bharathi Institute of Technology. 4. A one week National level online faculty development program on "Innovation to Academicians" during 11 – 16 May 2020, organized by NewGen IEDC – RCE Eluru and NSTEDB.
22	Details of Journal Publications/ Conferences (**National and International**)	

Publications:

1. Rahul, R., Rajulapati, K. V, Reddy, G.M., Mohandas, T., Bhanu Sankara Rao, K., "Studies on Effect of Parent Metal Condition on the Room Temperature Mechanical Properties of Ti6Al4V Friction Welds", Trans. Indian Inst. Met. 2017. doi:10.1007/s12666-017-1084-z

Articles:

1. Rahul, R., Rajulapati, K. V, Reddy, G.M., Mohandas, T., Bhanu Sankara Rao, K., "Effect of Post Weld Heat Treatments on the Elevated Temperature Mechanical Properties of Ti6Al4V Friction Welds", Cornell University e-print Archive. arXiv:1802.03363
2. Rahul, R., Rajulapati, K. V, Reddy, G.M., Bhanu Sankara Rao, K., "Development of Aluminium Based Surface Nano Composites Using Friction Stir Processing", Cornell University e-print Archive. arXiv:1802.07913

Conference Proceedings:

1. Rahul, K. Bhanu Sankara Rao, Koteswararao. V. Rajulapati, G. Madhusudhan Reddy, "Development of Al-W and Al-Al2O3 Surface Nano Composites Using Sequential Combination of Ball Milling and Friction Stir Processing", oral presentation at National Conference on Innovations in Chemical Engineering 2013, Hyderabad, November 15-16, 2013. ISBN: 978-81-7800-329-0.

Conference Presentations:

1. Rahul, K. V. Rajulapati, G. M. Reddy, T. Mohandas, K. Bhanu Sankara Rao, "Effect of Post Weld Heat Treatments on the Elevated Temperature Mechanical Properties of Ti6Al4V Friction Welds", poster presentation at IIW International Congress 2017, IIW Chennai, India, December 07-09, 2017.
2. Rahul, K. V. Rajulapati, G. M. Reddy, T. Mohandas, K. Bhanu Sankara Rao, "Effect of Post Weld Heat Treatment on the Tensile Properties of Ti6Al4V Friction Welds", oral presentation at A one day workshop on Challenges in Joining of Advanced Materials (CJAM), IIW Hyderabad, India, May 26, 2017.
3. Rahul, K. V. Rajulapati, G. M. Reddy, T. Mohandas, K. Bhanu Sankara Rao, "Influence of Parent Metal Microstructure on the Creep Behaviour of Ti6Al4V Friction Welds", poster presentation at International Conference on Metals and Materials Research, IISc Banglore, India, June 20-22, 2016.
4. Rahul, K. V. Rajulapati, G. M. Reddy, T. Mohandas, K. Bhanu Sankara Rao, "Effect of Post Weld Heat Treatment on the Creep Behaviour of Ti6Al4V Friction Welds", poster presentation at International Institute of Welding, 6th Welding Research & Collaboration Colloquium, Hyderabad, India, April 7-9, 2016.
5. Rahul, G. Madhusudhan Reddy, Koteswararao. V. Rajulapati, K. Bhanu Sankara Rao, T. Mohandas, "Influence of Parent Metal History on Tensile Properties of Ti6Al4V Friction Welds", oral presentation (invited talk) at International Institute of Welding, 5th IIW Welding Research & Collaboration Colloquium, Limburg, Germany, October 28-30, 2015.
6. B. Naga Jeevani, M. Bathrinarayanan, S. Ramesh Kumar, Rahul, K. V. Rajulapati, G. M. Reddy, K. Bhanu Sankara Rao, "Strain Hardening Characteristics in Bulk Ultra Fine Grained Al-Cu Alloy Studied by Macro and Micro Indentation", poster presentation at IUMRS – ICA 2013 (International Union of Materials Research Societies – International Conference in Asia), Bangalore, December 16-20, 2013. ABS-510a-ICA.
7. S. Ramesh Kumar, Rahul, K. V. Rajulapati, G. M. Reddy, K. Bhanu Sankara Rao, "Fabrication of Bulk Ultra Fine Grained Al-Cu Alloy Using Friction Stir Processing", poster presentation at IUMRS – ICA 2013 (International Union of Materials Research Societies – International Conference in Asia), Bangalore, December 16-20, 2013. ABS-510-ICA.
8. Pardhu Yella, Kamal Mankari, Rahul, K. V. Rajulapati, K. Bhanu Sankara Rao, "Structure – Property Correlations of a Newly Developed Alloy 740", IUMRS – ICA 2013 (International Union of Materials Research Societies – International Conference in Asia), Bangalore, December 16-20, 2013. ABS-1033a-ICA.

	9. Rahul, K. Bhanu Sankara Rao, Koteswararao. V. Rajulapati, G. Madhusudhan Reddy, “Development of Al-W and Al-Al2O3 Surface Nano Composites Using Sequential Combination of Ball Milling and Friction Stir Processing”, oral presentation at IVBS 2013 (Welding Management for Sustainable Development), Visakhapatnam, November 22-23, 2013. 10. Rahul, K. Bhanu Sankara Rao, Koteswararao. V. Rajulapati, G. Madhusudhan Reddy, “Development of Novel Nano Composites Using Unique Approaches and Their Mechanical and Tribological Characteristics”, poster presentation at International Conference on Heat Treatment and Surface Engineering 2013, Chennai, May 16-18, 2013. 11. Koteswararao. V. Rajulapati, Rahul, P.V.S.L. Narayana, V. Sreedevi, G.M. Reddy, K. Bhanu Sankara Rao, “Processing and Mechanical Behaviour of Nanostructured Bulk Aluminium Based Alloys”, NMD – ATM 2012 (66th Annual Technical Meeting), Jamshedpur, November 16-19, 2012.