

Name of Faculty Dr. Hari Krishan Yadav
 Designation Assistant Professor
 Nature of Job/Appointment Contract
 Date of Joining 01-02-2021
 E-mail harikrishanyadav_mech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Metallurgical & Materials Engineering)	Awarded
PG	M. Tech (Materials Engineering)	First
UG	B. Tech (Manufacturing Technology)	First
Work Experience	02 Years 02 Months	
Teaching	01 Year 08 Months	
Research	06 Months	
Industry	--	
Others	---	
Area of Specialization	Mechanical Metallurgy, Creep, Microstructure, Materials Engineering, and Mechanical Characterization.	
Professional Memberships	--	
Awards Received	2 nd Prize for poster presentation during "Research Scholar Day 2019" held at NIT Nagpur	
Courses Handled at Under Graduate / Post Graduate Level.	Entrepreneurship, Computer Aided Design & Drafting, Workshop, UHV, Computer Aided Engineering, Metal Cutting and Machine tools Lab	
No. of Papers Published	National Journals – 00 National Conference – 00	International Journals – 04 International Conference – 03
No. of Books/Chapter Published with details	--	

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

1. FDP on "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 19 July, 2021 to 23 July, 2021.
2. STTP on "Innovations and Challenges in Industry 4.0 Automation and Smart Manufacturing", organized by Department of Mechanical Engineering, KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY, Guntur, Andhra Pradesh from 26th July 2021 to 31st July 2021.
3. AICTE Recognized Faculty Development Program on Smart Materials Processing and Applications Conducted by Applied Science Department from 25/07/2022 to 29/07/2022
4. Workshop on "Mechanical behavior of Materials, conducted by Department of Materials Science & Engineering, IIT Kanpur, during 30 Oct to 03 Nov 2018.
5. Workshop on "Failure Analysis of Engineering Materials, organized by Department of Metallurgical & Materials Engineering, VNIT Nagpur, during 9th – 13th December 2017.
6. National Workshop on "Advances in Steel Technology: processing, properties & performance" organized by Department of Metallurgical & Materials Engineering, College of Engineering, Pune, during March 24-25, 2017.

Details of Journal Publications/
Conferences (National and
International)

International Journal:

1. **Hari Krishan Yadav**, A R Ballal, M MThawre, and V.D. Vijayanand, *Recovery and recrystallization during creep exposure of cold worked Ti-modified 14Cr-15Ni austenitic stainless steel*, Materials At High Temperature, Taylor & Francis Group, 2020, vol. 37, page 221.
2. **Hari Krishan Yadav**, A R Ballal, M MThawre, and V.D. Vijayanand, *Analysis of transient and tertiary creep behavior of Titanium modified 14Cr-15Ni stainless steel*, Materials Research Express, IOP Publishing, 2020, vol. 7, page 016580.
3. **Hari Krishan Yadav**, A R Ballal, M MThawre, and V.D. Vijayanand, *Assessment of microstructural evolution in cold-worked Ti-modified 14Cr–15Ni austenitic stainless steel on creep exposure*, “Materials Research Express”, IOP Publishing, 2019. vol. 6, page 096591.
4. **Hari Krishan Yadav**, Lakshmiprasad Maddi, A. R. Ballal, D. R. Peshwe and Venkateswara Rao, “Structural and Mechanical Characterization of Service Exposed 2.25Cr–1Mo Steel” Transactions of the Indian Institute of Metals, 2017, vol. 70, page 1091

International Conferences:

1. **Hari Krishan Yadav**, A R Ballal, M MThawre, and V.D. Vijayanand, “Microstructure Evolution During Creep of Cold Worked Austenitic Stainless Steel” IOP Conf. Ser.: Mater. Sci. Eng., 2018, vol. 346, page 012020.
2. **Hari Krishan Yadav**, A R Ballal, M MThawre, and V.D. Vijayanand, “Creep studies of Cold Worked Austenitic Stainless Steel” Structural Integrity Procedia, 2019, vol. 14, page 605.
3. Ashish Vaidya, Atul Ballal, **Hari Krishan Yadav**, and DilipPeshwe, “Stress Rupture Studies of V-notched Grade 92 Steel for High Temperature Applications” Structural Integrity Procedia, 2019, vol. 14, page 410

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