

PROFILE

Name	Dr. Karthik R
Position & Affiliation	Associate Professor, Department of ME
Areas of Interest	Materials, 3D Printing, Vibratory Finishing
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LinkedIn ID	https://www.linkedin.com/in/karthik-r-9925731aa/
Google Scholar ID	V4IRV70AAAAJ&hl
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Scopus ID	
Professional Webpage (if any)	

Educational Qualifications:

Ph.D.	Visverayya Technological University	India	2022
M.Tech	Visverayya Technological University	India	2011
BE	Visverayya Technological University	India	2008

Areas of Research:

3D Printing, Vibratory Finishing

Brief Profile: (write about yourself)

Completed M. Tech and Ph.D. in Mechanical Engineering. Has over Thirteen years of Academic Teaching Experience and one-year Industry Experience. The areas of interest are Additive Manufacturing, Theory of Plasticity Power Plant engineering, Elements of mechanical Engineering and Non-Conventional Energy Resources. Also working as a Head of Admission from 2018. Associated with CiTech from July 2013 onwards.

B . E -18, M.Tech - 4

Awards/Achievements/Others:

Courses Taught: Additive Manufacturing, Theory of Plasticity Power Plant engineering, Elements of mechanical Engineering and Non-Conventional Energy Resources

Publications/Patents:

Publications	<p>1. A Research article title “Tribological Characterization of the LASER Sintered and Unsintered Inconel 718 in Dry Sliding Condition”. Published in the Journal Elsevier Material proceedings with vol. No:47, Issue no: Part 10, Page no: 2486-2490, Impact factor:1.46 and year of publication:2021, published by Materials Today: Proceedings with DOI: https://doi.org/10.1016/j.matpr.2021.04.556.</p> <p>2. A Research article title “Development of Corrosion Resistant Laser Sintered Inconel 718 Material using Salt Spray Test.”. Published in the IJITEE journals with vol. No:10, Issue no:10, Page no: 2278-3075, Impact factor: 0.56 and year of publication:2019, published by International Journal of Innovative Technology and Exploring Engineering with DOI: https://www.ijitee.org/download/volume-10-issue-2.</p> <p>3. A Research article title “Experimental investigation on wear behaviour of laser sintered and unsintered Inconel 718 in vibratory finishing”. Published in the Journal Elsevier Material proceedings with vol No: 62, Issue no: part 4, Page no: 2339-2346, Impact factor:1.46 and year of publication: 2022, published by Materials Today: Proceedings, with DOI: https://doi.org/10.1016/j.matpr.2022.04.201.</p> <p>4. A Research article title “An experimental analysis on surface roughness of the selective laser sintered and unsintered Inconel 718 components using vibratory surface finishing process.”. Published in the Journal Elsevier Material proceedings with vol. No:64 Issue no. Part1, Page no. 220-224, Impact factor:1.46 and year of publication: 2022, published by Materials Today: Proceedings with DOI: https://doi.org/10.1016/j.matpr.2022.04.448.</p>
Patents	<p><i>Kindly add the details about the patents granted and published</i></p>
Book/Book Chapters	

Research and Consultancy: