	Dr. Srinath E. Gudur
	Designation: Assistant Professor
	Qualification: PhD
	Email-id: srinathgudur@orchidengg.ac.in
	Mobile No.: 9421557767
	Age: 35
	Total Experience: 5.5
	Teaching experience: 5.5
	Date of Joining this Institution (NKOCET): July 17, 2023
	Area of Interests: Metal Additive Manufacturing (AM), Hybrid
	approaches in metal AM, Electro-pulsing applications for AM,
	Real-time Monitoring and Controlling, Laser Cladding, Surface
	Engineering, Laser Forming
	Doctoral Research: PhD from Indian Institute of Technology
Education	Hyderabad in Nov 2022
	Masters: M Tech from Veermata Jijabaj Technological Institute
	Mumbai in 2012
	Bachelors: B.F. from Walchand Institute of Technology
	Solapur in 2009
Subject Taught	1. Mechatronics
	2. Operations Research
	3. CAD/CAM
	4. C++ Programming
Project Guided	PhD - Nil
	Masters - Nil
	Bachelors - 4

Conferences / STTP /FDP/ Workshops	 i. Participated in DAE-BRNS Workshop on Laser Additive Manufacturing & Allied Technologies, LAMAT-2k18, October 8-12, 2018 at Raja Ramanna Centre for Advanced Technology (RRCAT) Indore ii. Attended summer school on Sustainable and Circular manufacturing, INMAN Project, Sept 9-14, 2019 at Norwegian University of Science and Technology (NTNU), Gjovik, Norway iii. Achieved the course of Sakura Science Exchange Program administered by Japan Science and Technology Agency, Nov 27 to Dec 17, 2019, at Osaka University, Japan iv. Participated in Sakura Science Program (Online) administered by Joining and Welding Research Institute, Jan 13-14, 2022, Osaka University, Japan
Major Portfolios handled at College/ Department / University level	MESA CoordinatorParents Meet Coordinator
Association with Professional bodies	Nil

	2 Indian Patents (filed) and 9 Peer-reviewed publications (6 journals, 3 conferences)
	Patents
	1. Srinath Ellaswamy Gudur, Suryakumar S., and Venkata Reddy N.: A Method
	and System to Fabricate a Component using Additive Manufacturing and
	Deformation Unit, Indian Patent filed on 10/06/2020, Application Number: 201941016062
	2. Srinath Ellaswamy Gudur, Venkata Reddy N., and Suryakumar S.: A Method
	for Reduction of Residual Stresses in Additively Manufactured Components
	through Electropulsing, Indian Patent filed on 07/04/2022, Application Number: 202241020827.
	Journals
	1. Srinath Gudur, Suryakumar Simhambhatla, and Venkata Reddy N.: Residual
	stress reduction in wire arc additively manufactured parts using in-situ electric
	pulses, Science and Technology of Welding and Joining, vol. 28, no.3, pp. 193- 199. Apr. 2023
	2. Srinath Gudur and Survakumar Simhambhatla: Augmenting wire arc additive
	manufacturing with laser forming for generative realization of complex
	geometries, Optik, vol. 262, p. 169283, Jul. 2022
	3. Srinath Gudur, Suryakumar Simnambhatia, and Venkata Reddy N.: Enhancing
	Automatical Taskash and 16 as 5 and 642 (52, 2022)
	Automation Technol., vol.10, no.5, pp. 642-655, 2022
	4. Simain Gudur, Visiwanani Naganapan, Sagar Pawar, Gopinani Muvvana,
	on based geometry in wire are additive manufacturing and its correlation with
Research and	cooling rate. Materials Today: Proceedings, vol. 41, pp. 431, 436, Jap. 2021
	5 Sagar Pawar Sringth Fllaswamy Cudur, Vishwanath Nagallanati, Amit
Publications	Choudhary Arun Torris and Goninath Muyvala: A study on anisotropy in wire
	arc additively manufactured Inconel 625 multi-layered wall and its correlation
	with molten pool thermal history Mater Sci Eng A vol 840 p 142865 Apr
	2022
	6. Vivek Chaitanya Peddiraiu, Kranthi Kumar Pulapakura, Desuru Sree Jagadeesh.
	K.S.Athira, Srinath Gudur , S. Suryakumar, Subhradeep Chatteriee: Weld
	deposition of nickel on titanium for surface hardening with Ti-Ni-based
	intermetallic compounds, Materials Today: Proceedings, vol. 27, pp. 2096–2100,
	Jan. 2020.
	Peer-reviewed conference proceedings
	1. Srinath Gudur, Shivam Shukla, J John Rozario Jegaraj, Mastanaiah P, Muvvala
	Gopinath, Suryakumar Simhambhatla: Controlling waviness in additive
	manufacturing of thin walls by laser directed energy deposition process, In:
	Ramesh Babu N, Santosh Kumar, Thyla PR, et al. (eds), Advances in Additive
	Manufacturing and Metal Joining, Singapore: Springer Nature Singapore, 2023,
	pp. 81-90 (Best paper award)
	2. Srinath Gudur, Suryakumar Simhambhatla: Investigations into the effect of
	surface absorptivity in thin sheet laser forming using FEA, In: Jain PK,
	Ramkumar J, Prabhu Raja V, et al. (eds) Advances in Simulation, Product Design
	and Development, Singapore: Springer Nature Singapore, 2023, pp. 309–318
	3. Rose Alifah Ellyana Roslan and Sarizam Mamat, Pao Ter Teo, Firdaus Mohamad,
	Srinath Gudur, Yuji Toshifumi, Shinichi Tashiro, Manabu Tanaka: Observation
	of Arc Behaviour in TIG/MIG Hybrid Welding Process, IOP Conference Series:
	Earth and Environmental Science, vol. 596, no. 1, p. 012025, Dec. 2020

	Best Paper Award
Awards and Recognitions	 Received Best Teacher award for the year 2016-2017, from N. B. Navale Sinhgad College of Engineering, Solapur, Maharashtra Government of India, Ministry of Education (MoE) fellowship for PhD program
Achievements (if any)	Nil
Link to personal website/Blog(if any)	Nil
Research Project Grants (if any)	Nil
Any Other Information	Nil