



SRM Valliammai Engineering College

(An Autonomous Institution)


SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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Department of Mechanical Engineering

Personal Details

Name :	N.NITHYA		
Designation :	Assistant Professor (Sr.G)		
Educational Qualification :	M.E		
Experience:	13 Years 3 Months		
Area of Specialization :	Mechatronics		
Date of Joining :	22/06/2016		
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	Mechatronics	Thiagarajar College of Engineering, Madurai/Madura i Kamaraj University	2003
2	M.E.	Manufacturing Engineering	Alagappa Chettiar College of Engineering & Technology, Karaikudi/Anna University, Chennai.(Gold Medalist)	2007
3	Ph.D.	-	-	-

Professional Society Memberships

1. International Society of Technical Education (LIFE MEMBER)
2. Indian Science Congress Association

Publication Details

Journals:

1. Advancement of Natural Fiber-Based Polymer Composites, Sivaramakrishnan N, Biswajit Parida, **Nithya Natesan**, Muthuraja Ayyankalai, Waleed Alhazmi, Anil K. Deepati, Published Book chapter in Natural and Synthetic Fiber Reinforced Composites: Synthesis, Properties and Applications, Wiley Online Library, <https://doi.org/10.1002/9783527832996.ch14>, 12 December 2021
2. **N.Nithya** 2019 “Alleviation of regenerative chatter using MRF dampers during Milling” Renewable Energy Sources and Technologies, AIP Conference Proceedings. 2161, 020054-1–020054-8; <https://doi.org/10.1063/1.5127645>

Conferences:**International:**

1. **Nithya N**, “Experimental Investigation and Mitigation of Chatter in Milling Machine using MR Fluid” ICSA 2021” on 10.04.2021 at SRM Valliammai Engineering College.
2. Anbuezhayan G, Ananth G, **Nithya N**, “Efficiency Improvement In CAL Door Effort Station Along With Wiper and Window Glass Station in Automobile Industry” in Proc. ICSA 2019 at SRM Valliammai Engineering College.
3. “Alleviation of regenerative chatter using MRF dampers during Milling” in Second International Conference on Sustainable Energy Resources, Materials and Technologies (ISERMAT 2019) at SSN College of Engineering.
4. “An ANN – Fuzzy based Perceptual Image Segmentation of Butt welds by NDT using Vision Sensor” in International Conference on Structural Integrity (ICONS 2014) at IGCAR, Kalpakkam.

National:

1. “Defect Identification in weld joints using MatLab” National Conference on Contemporary Approaches in Design and Manufacturing - CADAM 07, held at Alagappa Chettiar College of Engineering and Technology, Karaikudi, Tamil Nadu.
2. “Application of Neural Networks in classification of weld joints using an expert vision system” in National Conference on Global Technologies in Manufacturing and Thermal Sciences (GTMTS 2007) at Sethu Institute of Technology, Virudhunagar.

1. Rank Holder in Master of Engineering. Received GOLD MEDAL.

2. No. of STTP/FDP coordinated: 1