



# K. S. INSTITUTE OF TECHNOLOGY

An Autonomous Institution under VTU, Approved by AICTE Accredited by NBA(CSE & ECE),  
NAAC with A+ & QS I-GAUGE(GOLD)

#14, Raghuvanahalli, Kanakapura Road, Bangalore-560109.

<b>Faculty Name</b>	Dr.Nirmala L	
<b>Designation</b>	Associate Professor	
<b>Educational Qualification</b>	MSc Engg.,(by research), Ph.D	
<b>Experience in Years</b>	24	
<b>Areas of Interest</b>	Advanced Materials	
<b>E-mail</b>	nirmalal@ksit.edu.in	

## Educational Details

Degree	College / University	Year of Passing
Under Graduate	SJMIT/ Kuvempu University	1997
Post Graduate	UVCE/Bangalore University	2006
Doctor of Philosophy	JNTUA/JNTU	2019

## Publications

### Journal Publications:

- An Investigation on the Mechanical and Durability Properties of Concrete Structures Incorporated with Steel Slag Industrial Waste- [https://link.springer.com/chapter/10.1007/978-981-97-3654-6\\_3](https://link.springer.com/chapter/10.1007/978-981-97-3654-6_3).
- Fatigue Life Estimation of Chassis Frame FESM Bracket for Commercial Vehicle. <https://www.semanticscholar.org>
- Effect of Nickel and Heat Treatment on Corrosion Behaviour of Modified ZA27 Nickel Alloy. <https://www.researchgate.net/publication/322082131>.
- Effect of Nickel Content on Microstructure of Modified Zinc- Aluminium Cast Alloys. Corpus ID: 53961228.
- Microstructural and Mechanical Behaviour of Zinc- Aluminium Cast Alloys. ISSN 0976 – 6359.
- Effect of pre oxidation on microstructure and hardness of low carbon steel during nitrocarburizing. <https://www.ijsr.net/signup.php>.
- Study On Performance And Durability Of Polymer Matrix Composites With Basalt As A Reinforcement- A Review Pap [www.ijcrt.org/papers/IJCRTBE02010.pdf](http://www.ijcrt.org/papers/IJCRTBE02010.pdf).

## Workshops Attended

Academic year: 2025

- Five days faculty development program on cutting edge trends in manufacturing practices.
- Faculty Development program on 3D Printing and design 17-Mar-2025 To 31-Mar-2025.

- Presented a paper mechanical and durability characteristics of aluminium reinforced with redmud and titanium carbide at 23<sup>rd</sup> ISME international conference on recent advances in mechanical engineering 2025 held at LNMIIT, Jaipur.

## Contact Details

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