

JINU MATHEW

Designation : ASSISTANT PROFESSOR

Date of Birth : 13th March 1993

Date of joining at LBSCEK :12-04-2021

Address:



OFFICE:

Department of Mechanical Engineering
LBS College of Engineering Kasaragod
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Educational Qualifications:

- Master of Technology in Mechanical Engineering (Nanotechnology) from Amal Jyothi College of Engineering Kerala (KTU) in the year 2018.
- Bachelor of Engineering in Mechanical Engineering from Srinivas Institute of Technology, Mangalore (VTU) in the year 2015.

RESEARCH INTEREST:

Material Science, Nanotechnology, Composite, Production Technology

Teaching Experience:

- Assistant Professor at St Joseph Engineering College, Mangalore from August 2018 to July 2020.
- Assistant Professor (contract) at LBS College of Engineering Kasaragod from April 2021 to till date.

Subjects Taught:

- Elements of Mechanical Engineering
- Engineering Mechanics
- Material Science
- Non-conventional energy sources
- CAD
- Computer Integrated Manufacturing
- Thermodynamics

Achievements

LIST OF JOURNALS

1. **Hydrophobic, superabsorbing materials from reduced graphene oxide/ MoS₂ polyurethane foam as a promising sorbent for oil and organic solvents.** Josny Joy, Jiji Abraham, Jesna Sunny, Jinu Mathew, Soney C. George. *Polymer Testing*, 2020, <https://doi.org/10.1016/j.polymertesting.2020.106429>. (Impact factor:- **3.275**)
2. **White light emission by energy transfer from areca nut husk extract loaded with carbon dots synthesized from the same extract.** Jinu Mathew, Josny Joy, Ajeesh Kumar S and Jacob Philip. *Journal of Luminescence*, 2019, <https://doi.org/10.1016/j.jlumin.2018.10.110>. (Impact factor:- **3.280**)
3. **Nanomaterials for Photoelectrochemical Water Splitting- Review.** Josny Joy, Jinu Mathew and Soney C George, *International Journal of Hydrogen Energy*, 2018, <https://doi.org/10.1016/j.ijhydene.2018.01.099>. (Impact factor:- **4.939**)
4. **Potential Applications of Nanotechnology in Transportation- A Review.** Jinu Mathew, Josny Joy and Soney C George, *Journal of King Saud University- Science*, 2018, <https://doi.org/10.1016/j.jksus.2018.03.015>. (Impact factor:- **3.819**)
5. **A study on graphene based elastomer with TiO₂ and Ni nanoparticles.** Jinu Mathew, Rahul Kumar, Manu Mathew, and Soney C. George. *AIP Conference Proceedings 2236, 040014 (2020)*, <https://doi.org/10.1063/5.0007065>.

LIST OF FACULTY DEVELOPMENT/SHORT TERM PROGRAM

- Three day faculty development program on **PLC Programming and Industrial Interface** Organized in association with **Indwell Automation – Pune**.
- **NPTEL Online** certification in **Introduction to Material Science and Engineering**, funded by Ministry of HRD, Govt. of India.

- Three Days Faculty Development Program on **Course Design & Management** organized by Internal Quality Assurance Cell (IQAC), St Joseph Engineering College during 16th July 2018 to 18th July 2018.
- Three Days Faculty Development Program on **“Learning through Effective Assessment”** , **“Technology for Engineering Education”** & **“Writing Good Research Papers”** organized by St Joseph Engineering College during 22nd to 24th January 2019 .

ADMINISTRATIVE WORKS:

- Representative and **Member of the Students Council** of Amal Jyothi College of Engineering during 2017- 18.
- **Coordinator of Placement Department Office** and a member of Students Council Association in SIT, Mangalore during 2014-15.