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Educational Details:

Degree, University, Awarded Year

- **Ph.D. Mathematics** – Vellore Institute of Technology, Vellore – 2025
- **TNSET** – Mother Teresa Women's University – 2018
- **M.Phil. Mathematics (PT)** – Thiruvalluvar University – 2014
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Publications:

1. Muniyappan M. and Sanjay Kumar Mohanty (2025), The effect of blocking resonance and current on wave scattering due to finite flexible plate with permeable ocean bottom, *Journal of Marine Science and Application.* (In press)
2. Muniyappan M. and Sanjay Kumar Mohanty (2024), The wave resonances and time-dependent wave motion in stratified fluid with permeable bottom, *Waves in Random and Complex Media*, 1–39. https://doi.org/10.1080/17455030.2024.2323083
3. Muniyappan M. and Sanjay Kumar Mohanty (2023), The role of blocking dynamics and current on wave scattering due to finite floating elastic plate, *Ocean Engineering 282*, 114985. https://doi.org/10.1016/j.oceaneng.2023.114985
4. Muniyappan M., Rajesh Ranjan Dora and Sanjay Kumar Mohanty (2023), Wave resonances in the presence of current and the frequency and time-domain interconnection, *Wave Motion 119*, 103128. https://doi.org/10.1016/j.wavemoti.2023.103128

Academic Experience:

- 2024 - 2025: Research and Teaching Faculty, Centre for Computational Modeling, Chennai Institute of Technology, Chennai, Tamil Nadu - 600069.
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