

**Praveen Kumar Bannaravuri**

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 Karunya Institute of Technology and Sciences
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RESEARCH INTERESTS

Composite materials, Casting, Friction stir processing and welding, Tribological study, Surface modification of the materials - laser melting, cladding and alloying, High-Entropy alloys.

EXPERIENCE

1. Assistant Professor, Mechanical Engineering, Karunya Institute of Technology and Sciences, Coimbatore, India, 2019 - present
2. Post-Doctoral Fellow at IIT Guwahati, Assam, India, 2018 - 2019
3. Assistant Professor, Mechanical Engineering, SRM IST Delhi-NCR Campus, Delhi - Meerut Expy, Modinagar, Uttar Pradesh 201204, 2013 - 14
4. Project Engineer, KLT Automotive & Tubular Product Ltd. (Hydro forming Plant) Palghar, MH, 2009 - 2011

RESEARCH PROFILES

| | | |
|---|------------------------|---|
| 1 | Google Scholar Profile | https://scholar.google.co.in/citations?user=fMBM9q8AAAAJ&hl=en |
| 2 | Scopus Profile | https://www.scopus.com/authid/detail.uri?authorId=57215558466 |
| 3 | LinkedIn Profile | https://www.linkedin.com/in/praveen-kumar-2b2509172/ |

PATENTS

| | |
|---|---|
| 1 | An Escalator for lifting the elderly or physically challenged person from ground level. Patent Application No: 202041019684 - Published in May 2020 |
|---|---|

SUMMARY OF INTERNATIONAL JOURNAL & CONFERENCE PUBLICATIONS - [PUBLISHED & ACCEPTED]

| Year | International Journal Publications | International Conference Publications | National Conference publications | Cumulative Impact Factor | Scopus Citations | Google Scholar Citations | h-index |
|-------------|------------------------------------|---------------------------------------|----------------------------------|--------------------------|------------------|--------------------------|---------|
| 2013 - 2021 | 22 | 4 | 4 | 26.058 | 84 | 110 | 4 |

EDITORIAL BOARD MEMBER/REVIEWER: Measurement Journal, Ceramic International Journal, Journal of The Institution of Engineers (India): Series C, Journal of the Mechanical Behavior of Materials.

EDUCATION

| Degree | Branch / Specialization | University | Class | Mode | Month & Year of Passing |
|--------|---------------------------------------|------------------------------|--------------|-----------|-------------------------|
| Ph.D., | Mechanical Engineering | NIT Manipur | Commendable | Full Time | September 2018 |
| M.E., | Tribology and Maintenance Engineering | RGPV Bhopal | Distinction | Full Time | September 2013 |
| B.E., | Mechanical Engineering | Acharya Nagarjuna University | Second Class | Full Time | April 2009 |

TEACHING INTERESTS

Materials Engineering, Applications of Engineering Materials, Solid Mechanics, Fluid Power Control, Manufacturing Process, Mechanical Vibration, Engineering drawing.

RESEARCH GUIDANCE

| Research guidance as supervisor | Completed | Ongoing |
|--|-----------|---------|
| Doctor of Philosophy - PhD Thesis advising | -- | 2 |
| Master of Engineering - Master's Thesis advising | 2 | -- |