




R L JALAPPA INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, & Approved by AICTE)

Doddaballapura - 561203, Bangalore Rural District

DEPARTMENT OF MECHANICAL ENGINEERING

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| Faculty Name | Dr. Gowrishankar T P |  |
| Designation | Assistant Professor | |
| Area of Interest | Heat Transfer, Energy Engineering, Hybrid Composites, Energy Conversion | |
| Email ID | gowrishankartp@rljit.in | |
| Research Identity | Orcid Id: 0000-0001-9432-3836 Google Scholar Id: https://scholar.google.com/citations?hl=en&authuser=1&user=9Ewzmq8AAAAJ Research gate Id: https://www.researchgate.net/profile/Gowrishankar-T-P | |

EDUCATION:

| Ph.D. | VTU |
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| M.Tech (Thermal power Engg.) | Sri Siddhartha Institute of Technology. (Sri Siddhartha Academy of Higher Education) |
| B.E (Mechanical Engg.) | Kalpataru Institute of Technology, Tiptur. (Visveswaraiiah Technological University) |

TECHNICAL SKILLS:

- Teaching with practical approach.
- Motivating students in various aspects.
- Guided several Final Year Projects for UG students.

PROFESSIONAL WORK EXPERIENCE:

09 years of teaching experience in Mechanical Engineering Department as Assistant Professor at R L Jalappa Institute of Technology, Doddaballapur

PUBLICATIONS:

JOURNAL:

1. Gowrishankar T P, "Development of sustainable alternative materials for the construction of green buildings using agricultural residues: a review". Construction and Building Materials 368 (2023) 130457
2. Gowrishankar T P, "A Review on Thermal Properties of Aluminium Metal Matrix Composites" International Journal of Research In Aeronautical And Mechanical Engineering, Vol. 10, Issue 7, 2022 pp. 11-28.
3. Gowrishankar T P, "Mechanical and Wear behaviour of Al6061 reinforced with Graphite and TiC Hybrid MMC's, Materials Research Innovations", 24;3, pp. 179-185, 2020.
4. Gowrishankar T P "Heat treatment and its effect on mechanical and wear properties of Al6061/Gr/TiC hybrid MMCs" International Journal of Microstructure and Mechanical Properties, 15(4), pp. 316-331, 2020
5. Gowrishankar T P "Numerical Investigation on heat sink with fluid pockets for high power LEDs", Indian Journal of Engineering and Material Sciences, Vol.27, pp. 1018-1026, 2020.
6. Gowrishankar T P "The Properties of Al Metal Matrix Composite: A Review", International Journal of Advances in Scientific Research and Engineering (ijasre), Vol.3(8), pp. 83-88, 2017.
7. Gowrishankar T P "Theoretical modeling of flow boiling in the minichannel" International Journal of Engineering Research & Technology (IJERT), Vol. 3 (17), 2015.
8. Experimental investigation of single-phase heat transfer in a minichannel heat sink.

FDP/WORKSHOP ATTENDED:

1. Participated in ISTE sponsored one week FDP on "A New Era of Manufacturing-Challenges and Opportunities" organized by D Y Patil College of Engineering, Kolhapur from 25-30 July 2022.
2. Attended one week online teachers training program on "An Overview of Teaching Techniques in Social Connect and Responsibilities" between 07th & 11th March 2022 Organized by VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli,
3. Attended the VGST, Govt of Karnataka, Sponsored Online Faculty Development Programme on "Recent Developments in Advanced Materials Processing Techniques and Characterization" organized by Department of Chemistry, School of Engineering, Presidency University, Bengaluru from 21st to 25th February 2022.
4. Participated in one day virtual workshop on "Sources of research Grants and Art of Writing a Research Paper" organized by R L Jalappa Institute of Technology on 03 June 2021.
5. Attended four days webinar on "Research Methodology and Data Analysis" Conducted by KSTA on 17 June to 20 June 2020.
6. Attended one week faculty develop programme on "Research Proposal Writing and Opportunities in the field of Science, Engineering and Management" organized by Bangalore Institute of Technology from 06 July to 11 July 2020.
7. Attended one week online course on "Composite Materials and its Characterizations" organized by Acharya Institute of Technology from 22-26 June 2020.
8. Attended a webinar on "Energy Conversion Technologies: Past, Present and Future" organized by Nadimpalli Satyanarayana Raju Institute of Technology on 27 June 2020.
9. Appeared in the National Online Programme on "Yoga and Wellness" on the occasion of the International Yoga Day held on 21 June 2020 organized by CMR University.

10. Attended a 3-Day Online FDP on “Advances in Machine Process” organized by PES Institute of Technology and Management held on 17-19 June 2020.
 11. Attended one day webinar on “2D Materials for Energy Storage Applications” organized by Sai Vidya Institute of Technology held on 22 June 2020.
 12. Attended a one week Webinar on “Industry 4.0” organized by Nagarjuna College of Engineering and Technology from 08-12 June 2020.
 13. Attended a Five day FDP on “Research Trends in Thermal Engineering” from 09-13 June 2020 organized by Ballari Institute of Technology and Management.
 14. Participated in One day FDP on “Importance of Research in Present Scenario and Faculty Skills” held at Sri Devaraj Urs Institute of Management on 19 October 2019.
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UNIVERSITY RESPONSIBILITIES:

- Valuation work
 - Deputy Chief Superintendent
 - Examiner in Lab
 - Question paper preparation
 - PG Thesis Evaluation
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OTHER RESPONSIBILITIES:

COLLEGE LEVEL:

- Magazine Coordinator
- Cultural Coordinator
- Sports Coordinator

DEPARTMENT LEVEL:

- NAAC Coordinator
 - IQAC Coordinator
 - Test Coordinator
 - Time Table Coordinator
 - Placement Coordinator
 - Class Coordinator
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PROFESSIONAL MEMBERSHIPS:

- MISTE
-

CONTACT DETAILS:

Assistant Professor
Department of Mechanical Engineering,
R L Jalappa Institute of Technology,
Doddaballapur-561203.
Email: gowrishankartp@rljit.in
Ph: 7829540937