

Dr. T. Niranjana

Assistant Professor



Education Qualifications: Doctor of Philosophy
Specialization: Production Engineering

ADDRESS:

- B – Block -Room No 108

JNTUH ID:

8097-191109-082554

EMAIL:

tniranjana_mct@mgit.ac.in

DATE OF JOINING:

17-01-2020

EXPERIENCE - 10 Years

- Teaching - 4
- Research - 5
- Industry - 1

SUMMARY:

- Publications - 12
- Conferences - 9
- Honors/Awards - 1

EVENTS:

- Organized - 2
- Attended - 42

Membership of Professional Bodies:

1. Life member of Operations Research Society of India
2. Life member of Soft Computing Research Society

Responsibilities Held at Institution Level:

1. Coordinator for AICTE sponsored Skill and Personality Development Programme Centre (SPDC) activities for SC/ST students in 2021
2. Member of Campus monitoring committee and Anti ragging committee

Responsibilities Held at Department Level:

1. Class-in Charge duties
2. NBA and Autonomous works

Research Guidance:

1. Two M. Tech. and five B.Tech. projects

Honors/Awards Received:

1. Best Paper Award at International Conference on Industrial and Manufacturing Systems (CIMS-2020), Dr. B. R. Ambedkar National Institute of Technology Jalandhar

Courses Handled at Under Graduate /Post Graduate Level:

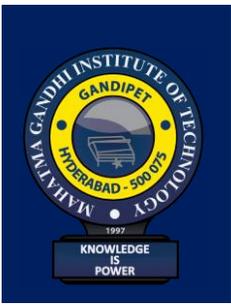
- **UG:** Operations Research, Unconventional Machining Processes, Industrial Management, Basic Mechanical Engineering, Engineering Mechanics, Advanced Manufacturing Processes.

Publications:

1. T. Niranjana, P. Parthiban, Karthik Sundaram and Pravin Nath Jeyaganesan. "Designing a Omnichannel closed loop green supply chain network adapting preferences of rational customers" Sādhanā, Volume 44, Number 3, 2019, ISSN: 0973-7677(Online) (Scopus, SCIE)
2. T. Niranjana and P. Parthiban. "Modelling and Analysing an Integrated Multi channel Food supply chain Distribution of an Indian Dairy Firm using Modified TLBO Algorithm" Journal of Scientific & Industrial Research, Volume 78, Number 1, 2019, ISSN: 0975-1084 (Online) (Scopus, ESCI)

Conferences:

1. T. Niranjana, "Process Parameters Influence in Micro Hole Drilling of Electrochemical Micromachining of Stainless Steel", International Conference on "Advances in Mechanical Engineering, Industrial Informatics and Management (AMEIIM-2022)" during 25th -26th February 2022 organised by Dept. of Mechanical Engineering, NIT Raipur.
2. T. Niranjana, P Parthiban and Sonu Rajak "Multi Channel Sustainable Supply Chain Network Design: Review and Research Directions" International Conference on Progressive Research in Industrial & Mechanical Engineering (PRIME-2021) during 5th to 7th August 2021organized by the Dept. of Mechanical Engineering, NIT Patna

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Events Organized:**FDPs/STTPs:**

1. One Week Online STTP on Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and Their Applications for Future Challenges during 7-12 December 2020 organised by Department of Mechanical Engineering (Mechatronics) Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad 500075, Telangana
2. A one week online FDP on “Advanced Optimization Techniques for Research Problem Solving” during 4th -8th August 2020 by Department of Mechanical Engineering (Mechatronics) Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad 500075, Telangana

Events Attended:**FDPs/STTPs:**

1. Participated in ISTE-AICTE Approved Two Week Short Term Training Program STTP (Online mode) on "Advances & Applications of Artificial Intelligence & Machine Learning (AIML)" from 22nd November to 2nd December 2021 organised by Sinhgad College of Engineering, Pune.
2. Participated in one week TEQIP III sponsored STTP on “Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT)” from 13th May 2019 to 17th May 2019 at SV National Institute of Technology Surat, INDIA

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Participated in one week GIAN course on “Multiobjective Optimization Using Metaheuristics” from 03rd March 2018 to 07th March 2018 at Indian Institute of Technology Kanpur, INDIA
2. Participated in two week GIAN course on “Supply Chain Engineering and Multi-Criteria Decision Making” from 27th June 2016 to 8th July 08 2016 at IIT Madras INDIA

Online Certifications:

1. Received TOPPER certificate (Elite with Gold) in the NPTEL Course on “Advanced Machining Processes 2021 (By Prof. Manas Das | IIT Guwahati)”
2. Received TOPPER certificate in the NPTEL Course on “Operations Research 2020 (By Dr. Kusum Deep | IIT Roorkee)”

Any Other Contribution:

1. Session chairperson for the International Conferences organised in the field of Mechanical Engineering
2. Reviewer for the International Journals and Conferences in the area of Production Engineering
3. Subject expert to set the question papers for Manufacturing and Industrial Engineering related courses