

M. NARENDER

Professional Experience:

- **Teaching Experience:** Working as Assistant Professor in Department of Mechanical Engineering, RGUKT-Basar, from August 26th 2016 to till date
- **Academic Experience:**
 - **Research Domains:** Friction Stir Welding/Processing, Surface Coatings, Nano Materials, 3D Printing, Composites.
 - **Post-Graduation:** M- Tech (20014-2016), NIT Warangal, Research Supervisors: Prof. Neelakanteswara Rao A and Dr. K. Balasubramanian (Director-NFTDC)
 - **Graduation:** B. Tech, RGUKT-Basar, 2010-2014
 - **PUC (10+2):** M.Bi.P.C, RGUKT-Basar, 2008-2010

Publications/Conference Proceedings:

- Narender Maddela, Manoj Aluri, M.D. Jakirahemed, "Study on Defects repairing using friction Stir Technologies", International Conference on Materials Processing and Characterization(ICMPC-2020), December 15-17, Indian Institute of Technology, Indore, India. <https://doi.org/10.1016/j.matpr.2020.12.441>
- Aditya Alladi, Manoj Aluri, Narender Maddela, Charan Reddy Abbadi, "Recent progress of CNTs reinforcement with metal matrix composites using friction stir processing", International Conference on Materials Processing and Characterization(ICMPC-2020), December 15-17, Indian Institute of Technology, Indore, India. <https://doi.org/10.1016/j.matpr.2020.11.897>
- Narender Maddela, Ajay Kumar V, Manoj Aluri, "A Review on Latest Trends in Derived Technologies of Friction Stir Welding, International Conference on Intelligent Manufacturing and Energy Sustainability(ICIMES-2020), August 21-22, Malla Reddy College of Engineering & Technology, Hyderabad, India. DOI: 10.1007/978-981-33-4443-3
- D.Bahar, M. Narender, M. Ravi, M. Rajashekhar, E.Satish, "Analysis of Performance of Si Engine Using Ethanol Blends With Gasoline", International Journal of Innovative Knowledge Concepts, 2018, Vol. 6,8, ISSN:2454-2415
- D.Bahar, M. Narender, A.Charan Reddy, "Performance Analysis of Knuckle Joint Made of Metal and Polymer", International Journal of Creative Research Thoughts (IJCRT), 2018, Vol. 6, 1, ISSN:2320-2882
- M. Narender, D.Bahar, "Modelling and Analysis of Flat Shape and Trunk Shape Piston", International Journal of Engineering & Science Research, 2018, Vol. 8, 7, ISSN 2277-2685
- Narender.M , Charan Reddy.A , J.P.Gautam, "Design of Jig for Alternator Stator prepared by Glue Stacking", International Journal of Scientific and Research Publications,2017, Vol. 7,7, ISSN:2250-3153

Faculty Development Program/ Short Term Courses Attended:

- " 3D Printing & Design " , AICTE Training And Learning (ATAL) Academy Sponsored Faculty Development Programme, Organized by University Visvesvaraya College of Engineering 5th to 9th October 2020 (1week)
- " Tribology of Machine Components and Applied Tribology", AICTE Sponsored Online STTP, Organized by Saingits College of Engineering, Kottayam, 14th to 19th September 2020 (1 week)
- " Mechanics of composite Materials and Structures " , AICTE Training And Learning (ATAL) Academy Sponsored Faculty Development Programme, Organized by M.B.M. Engineering College, Jodhpur, 9th to 13th September 2020 (1week)

- "Nanotechnology", AICTE Training And Learning (ATAL) Academy Sponsored Faculty Development Programme, Organized by Visvesvaraya National Institute of Technology, Nagpur, 24th to 28th August 2020 (1 week)
- "Novel Materials", AICTE Training And Learning (ATAL) Academy Sponsored Faculty Development Programme, Organized by Government college of engineering, Thanjavur, 17th to 21st August 2020 (1 week)
- "Recent Trends in Product Development", AICTE Recognized Online Faculty Development Programme, Organized by Jyothi Engineering College, Thrissur, in association with SAE India & Kyeesha Research and Education Trust, Bangalore, 10th to 16th August 2020 (1 Week)
- "Medical Prototyping using 3D Printing", Global Initiative for Academic Networks (GIAN) Course, Organized by National Institute of Technology, Warangal, 15th to 19th July 2019 (1 Week)

Events Organized:

- Convener, Online Short Term Course, "Emerging Technologies in Processing of Advance Materials and its characterization" Organized by Department of Mechanical Engineering, RGUKT Basar, 4th – 8th January 2021.
- Coordinator, "Startup Meet RGUKT" Organized by RGUBAA at Vitwit Office, Hyderabad, Telangana, 15th December 2019.
- Organizing Member, Engineers Day Celebrations, 15th September 2019, RGUKT Basar.
- Coordinator, "Alumni Meet- 11 years of grandeur journey of RGUKT" Organized by RGUBAA at RGUKT-Basar 4th August 2019.
- Organizing Member, "1st Telangana State Convention" jointly organized by SPIC MACAY and RGUKT-Basar, 4th -6th January 2019.

Conferences/ Workshops/ Seminars:

- Participated in Indo-Korea Virtual conference on Development of Advanced Materials for Future Technologies (DAMFT-2020), Jointly organized by Jeonbuk National University, Jeonju, South Korea and Vellore Institute of Technology, Chennai, India, 9th & 10th July 2020.
- Oral Presentation in International Conference on Advanced Materials And Processes For Defense Applications (ADMAT-2019), DMRL, Hyderabad, 23 -25th September 2019.
- Resource Person for Induction program for 1st Year Engineering Students on 'Life skills using case studies', RGUKT-Basar, 20th June 2019.
- Attended First international conference on 'Coatings, Thin Films, Multilayer Devices & Sytems' held at NFTDC, Hyderabad Dec 2016.
- Attended fifth international conference 'Tribocorrosion V'on 'Wear and corrosion: Synergistic Effects and Road mapping solutions for mitigation in industrial and Service Environment' held at NFTDC, Hyderabad Dec 2016.

Administrative Positions/ Responsibilities:

- Department Faculty Representative, Training and Placements, RGUKT-Basar (2020-21)
- Member, Executive Committee, Teaching Employees Association Muster (TEAM), RGUKT-Basar (July 2020 to till date)
- Member, Campus Beautification Committee (CBC), RGUKT-Basar (2019 to till date)
- SPOC, University Representative, Smart India Hackathon-2020
- Department Faculty Representative, Anthapragnya-2020
- Member, Alumni Relations in Anthapragnya-2020

- Member , Cultural Committee, RGUKT-Basar, (2019-20)
- Advisory Committee member, HOPE HOUSE, a trust formed for the and by the students of RGUKT from 2019 to till date
- Hostel Warden, RGUKT Basar, (2019-20)
- Committee Member for University Convocation Program execution, 2019
- President, Alumni Association (RGUBAA),RGUKT-Basar, (Aug 2018- Sep 2019, Sep2019 to till date)
- Coordinator, Alumni Cell, RGUKT-Basar (2018 to till date)
- Department Sports Coordiantor, RGUKT-Basar (2017-18, 2018-19)