
Dr. MADHU B M-E, Ph. D

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Educational Qualification:

1. Completed Ph. D from Anna University, Chennai
2. Completed M.E in Engineering Design from Anna University, Chennai.
3. Completed B.E in Mechanical Engineering Visvesvaraya Technological University, Belgaum

Experience:

1. Associate Professor in Department of Mechanical Engineering at Sri Sairam College Of Engineering, Anekal, Karnataka (From Dec 2013 to till date).
2. Assistant Professor in Department of Mechanical Engineering at Adhiyamaan College of Engineering, Hosur, Tamil Nadu (From June 2013 to Nov 2022).

Publications:

- Madhu, B, Shijin jose 2023,,processing of Al6061 /sic b4C/ mullite functionally graede material , Foundry journal (issn :1001-4977) volume 26 issue 9
- Madhu, B, Ranganath,G & AjaykumarKonga, 2020, ‘Effect of rubber ash on mechanical properties of Al6061 based hybrid FGMMC’ , Materials Research Express, vol. 7, no. 9, Doi: 10.1088/2053-1591/abb8a1
- Madhu, B & Ranganath, G 2020, ‘Multi-Objective Optimization and Modeling in Centrifugal Casting Using Al 6061 - Sic Function Grade Material through Taguchi-Grey Relational Analysis’, Tierärztliche Praxis, vol. 40, pp. 83-98
- Madhu.B, Dr.G.Ranganath, Jithin Ponnappan, Dr.Channankaiah,“Al (6061)/SiC/B4C/Mullite Functionally Graded Metal Matrix Composite-A Review” has been published in “International Journal of Applied Engineering Research”, Print ISSN : 0973-4562 Online ISSN : 1087—1090, Volume 10,Number 9,pp-7957-7957.

National Conference:

- Al(6061)/SiC/B4C/Mullite Functionally Graded Metal Matrix Composite-A Review" in International Conference on Emerging Trends in Engineering Technology and Science"(ICETET-2014) held at Muthayammal Engineering College, Namakkal, Tamilnadu.
- "Structural Analysis of Counter Weight Guide Rail Systems of Elevators" in International Conference on Emerging Trends in Engineering and Technology "(ICETET-2013) held at Marthandan College of Engineering and Technology, Tamilnadu.
- "Cost Analysis of Counter Weight Guide Rail Systems of Elevators" in National Conference on Recent Trends in Engineering and Technology "(ICTACT-2013) held at Jansons institute of Technology, Tamilnadu.
- " An overview of Counter Weight Guide Rail Systems of Elevators" in National Conference on Advance in Automobiles" held at Adhiyamaan College of Engineering, Hosur, Tamilnadu.
- "Evaluation of mechanical properties Carbon Glass Sandwich Laminate" in National Conference on Emerging Trends in Mechanical Engineering "(NCETME-2012) held at SNS College of Technology, Tamilnadu.

Patent Filed:

- A Patent titled “steel slag reinforced concrete preparation process thereof” filed and published on 19.05.2023, in Indian Patent Office Journal with application number 202331031936 A.
- A Patent titled “ ELECTRIC VEHICLE TROLLEY ” filed and published on 17.06.2023, in Indian Patent Office Journal with application number 38851001.

Workshops / Seminars / FDP attended:

- Participated in a five days Faculty Development Program on “research opportunities and future of additive manufacturing engineering ” conducted by Sri Manakula Vinayagar Engineering College Pondicherry from 30th Jan & 4th Jan 2023
- Participated in a five days online Faculty Development Program on “ANSYS ” conducted by ICT Academy of TamilNadu from 10th & 14th July 2023
- Participated in a 8 weeks online Faculty Development Program on “laser based manufacturing ” conducted by NPTEL – AICTE 2023-24

Awards or Recognition:

- "Timex Award" for the batch 2007-2011 from Department of Mechanical Engineering, Dayanand Sagar College Of Engineering, Bangalore ,India
- Won 1st prize in project expo 2011 held in Dayanand Sagar College Of Engineering, Bangalore ,India
- Project has been selected in IMTEX-2016