

Mr. B.V. Himasekhar sai

Assistant Professor



Education Qualifications: M.Tech (Mechanical Engineering)
Specialization: Manufacturing Engineering

ADDRESS:

- B- Block -102

JNTUH ID:

6946-190827-124104

EMAIL:

hsekarsai_mct@mgit.ac.in

DATE OF JOINING:

15-07-2019

EXPERIENCE - 6 Years

- Teaching - 6

SUMMARY:

- Publications - 9
- Books - 2

EVENTS:

- Attended - 15

Membership of Professional Bodies:

1. Life Member of Indian Institute of Metals. (ID NO: 55480), 2016.
2. Associate Member of The Institution of Engineers (India). (ID NO: AM1640766), 2016.
3. Member of International Association of Engineers. (ID NO: 166700), 2016.
4. Associate Member of the Institution of Research Engineers and Doctors. (ID NO: AM10100056825), 2016.
5. Life Member-International Academy of Science and Engineering for Development (IASSED)-51050387, 2021.
6. Life Member-Asia society of Researchers(ASR)-R219093350, 2021.

Responsibilities Held at Institution Level:

1. Member of anti-ragging committee to ensure that the campus is ragging free.
2. Member of Campus monitoring duties for the smooth functioning of the classes.

Responsibilities Held at Department Level:

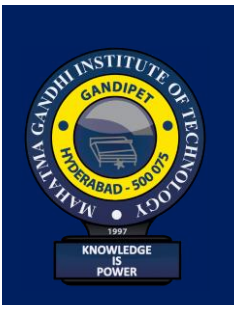
1. Mentoring the assigned students for the academic growth.
2. As a Class incharge for IV-BTech I-sem Mech-I during the period constantly monitored the student activities and their academic performances in college.

Courses Handled at Under Graduate /Post Graduate Level:

1. **UG:** Engineering Graphics, Metal forming technology, Workshop Technology, Automobile Engineering and Renewable energy sources.

Publications:

1. B.V.H.S. SAI, Characterization of Functionally Graded TiC Composites using Digital Image Correlation, NOVIY MIR Research Journal, Volume 6, Issue 7, pp. no. 111-128, 2021.
2. B.V.H.S. SAI, A review paper on Finite elements methods using ANSYS, International Advanced Research Journal in Science Engineering and Technology, Vol. 8, Issue 3, pp No. 200-208, March 2021.
3. B.V.H.S. Sai, Analysis of Micro Slip between Fixed and Moving Body under Friction using ANSYS, International Journal for Research in Applied Science and Engineering Technology, Volume 9, Issue 4, pp. no. 817-823, 2021.
4. P. Vinod Kumar Naidu, B.V. Himasekhar sai, D.S. Madhuri, Performance analysis of nano phase change materials-Paraffin wax, International Journal of Engineering Research and Advanced Development, Vol 4, Issue 05, page no. 29-35, 2018.
5. D. S. Madhuri, P. Vinod Kumar Naidu, B.V. Himasekhar sai, Experimental studies on the effect of Magnetic Induction in low Heat Rejection Diesel engine using crude vegetable oil, International Journal of Engineering Research and Advanced Development, page no. 19-28, 2018.
6. Himasekhar sai B.V, Fabrication of Functionally Graded Metal Matrix composite using Multi-Pass Friction Stir Processing, International Journal of modern Trends in Engineering and Research, Volume 5, Issue 1, Page no.143-151, Jan 2018.

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7. Himasekhar sai B.V, Development of Friction stirred Functionally Graded Material using a numerical model analysis, International Journal of Emerging Technologies in Engineering Research, Volume 6, Issue 2, Feb 2018.
8. Abhay Sharma, Bandari Vijendra, Kazuhiro Ito, Kazuyuki Kohama, M. Ramji, B.V. Himasekhar Sai, A new process for design and manufacture of tailor-made functionally graded composites through friction stir additive manufacturing, Journal of Manufacturing Processes, Volume 26, Page no.122–130, 2017.
9. P. Muni Babu, B.V. Himasekhar sai, Dr. A. Sreenivasulu Reddy, Optimization of Make-span and Total Tardiness for Flow shop Scheduling Using Genetic Algorithm, International Journal of Engineering Research and General Science, Volume 3, Issue 3, May-June, 2015.

No. of Books/Chapter Published with details:

1. Published a book of “Analysis of Micro Slip between fixed and moving body under Friction Using ANSYS”, Lambert Academic Publishing, Germany, U.K, ISBN: 978-620-3-84715-4, Apr 2021.
2. Published a book of “Design and analysis of portable lifting and supportive equipment for disabled”, Lambert Academic Publishing, Germany, U.K, ISBN: 978-620-4-18192-9, July 2021.

Events Attended:**FDPs/STTPs:**

1. On-line FDP’s attended : 15