

Mr. Bhomik Ketari Deogade

Assistant Professor



Education Qualifications: M. Tech. (Metallurgical and Materials Engineering)
Specialization: Metallurgical and Materials Engineering

ADDRESS:

- A – Block -Room No. 005

JNTUH ID:

79150406-084335

EMAIL:

dbhomikketari_mme@mgit.ac.in

DATE OF JOINING:

20-06-2005

EXPERIENCE - 19 Years

- Teaching -18
- Industry -1

SUMMARY:

- Journal Publications - 2
- Conferences Publications- 3
- Honors/Awards - 1

EVENTS:

- Organized - 17
- Attended - 23

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGITHyderabad>

Membership of Professional Bodies:

1. Society for Failure Analysis Founding Member No.0086
2. Powder Metallurgy Association of India Life Member No.83213
3. Electron Microscopy Society of India Life Member No.1058
4. Indian Institute of Metals Life Member No.53926

Responsibilities Held at Institution Level:

1. Dept. Coordinator - Training & Placement Officer – 2014 to 2018
2. Dept. Member – Career Guidance Cell, and Career Development Cell, MGIT
3. Dept. Member – TASK, MGIT

Responsibilities Held at Department Level:

1. Dept. Coordinator for Staff Leaves
2. Class In-charges

Honors/Awards Received:

1. **II Best Oral presentation award** at International Conference and Expo on Magnesium and its alloys, “iMagCon 2016”, organized by IIM-Chennai Chapter and VIT, Chennai Campus during 04.02.2016 to 06.02.2016.

Courses Handled at Undergraduate /Post Graduate Level:

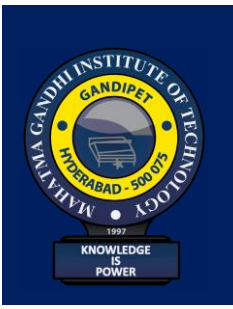
UG: X-Ray Metallography, Materials Characterization Techniques, Superalloys, Mineral Processing, Mechanical Metallurgy, Mechanical Working of Metals, Metallurgical Computation Lab, Modelling and Simulation Lab, Mineral Processing Lab.

Journal Publications:

1. Bhomik Ketari Deogade, Nitish Bibhanshu, Rajib Kalsar, Swati Ghosh Acharyya, and K S Suresh, “Constitutive modelling of hot deformation behaviour of Mg-0.5wt% Ce alloy”, *Transactions of the Indian Institute of Metals*, vol 76, PP 2953–2962 (2023). <https://doi.org/10.1007/s12666-023-03022-z>
2. Estimation of Filling Property of Cast Al–Si–Mg Alloy, J. Inst. Eng. India Ser. D, Samavedam Santhi, Jhansi Jadav, P. V. S. L. Narayana, Bhomik K Deogade, U. S. Jyothi. <https://doi.org/10.1007/s40033-022-00391-5>

Conferences:

1. Vibhuthi Roshan, PVSL Narayana, **Bhomik Deogade**, Vijayalakshmi and Ravi Bollina*, Effect of lime coating on Iron ore pellets on Iron Production, International Conference on Mineral Processing Technology

**ADDRESS:**

- A – Block -Room No. 005

JNTUH ID:

79150406-084335

EMAIL:

dbhomikketari_mme@mgit.ac.in

DATE OF JOINING:

20-06-2005

EXPERIENCE - 19 Years

- Teaching -18
- Industry -1

SUMMARY:

- Journal Publications - 2
- Conferences Publications- 3
- Honors/Awards - 1

EVENTS:

- Organized - 17
- Attended - 23

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGITHyderabad>

at Bhubaneswar, Odisha, December 10-12, 2013.

2. J. Jhansi, PVSL Narayana, **Bhomik Deogade**, S. Santhi*, Characterization of Wear and Erosion Resistance Coatings on Martensitic Stainless Steel, Research and Developments in Material Processing, Modelling and Characterization 2020” (RDMPMC-20), by NIT, Jamshedpur, 26th -27th August 2020.
3. J. Jhansi*, PVSL Narayana, **Bhomik Deogade**, S. Santhi, Detonation Gun Spray Coatings on Martensitic Stainless Steels, First International Conference on Future Technologies (ICoFT) in Manufacturing, Automation, Design and Energy (MADE) at NIT, Puducherry, December 27-30, 2020.

Events Organized:**Conferences:**

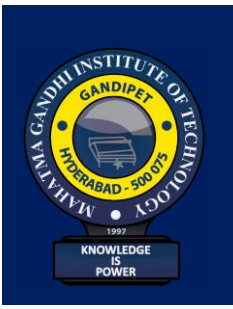
1. International Conference on Frontier of Metallurgy and Materials Technology, fMMT 2009, organized by IIM Hyd and MME, MGIT, January 29-31, 2009.
2. National Conference on Analysis and Prevention of Fatigue and Failure, organized by SFA and MME, MGIT, on February 3-4, 2012.
3. Special Course on “Electron Microscopy-TEM”, by Dr. CVS Kiran, Faculty, Karlsruhe Institute of Technology, Germany, organized by MME, MGIT from March 15-25, 2017.
4. National Seminar on “Advanced Materials and Processes”, organized by MME, MGIT from April 17-18, 2023.
5. Annual Student Techno Fest, “METALLON”, 2006, 2008, 2010, 2013, 2015, 2016, 2020, 2022, 2023

FDPs/STTPs:

1. International Winter School, “Advances in Aeronautical Materials and Technologies, AAMT-2010, organized by RCMA – CEMILAC and MGIT, on December 15-19, 2010.
2. Powder Metallurgy Short Course-2012, organized by PMAI and MGIT, on December 18-24, 2012.
3. Functional Materials Processing and Technology, 2020, August 3-8, 2020.

Events Attended**FDPs/STTPs:**

1. FDP on Teaching, Learning, and Research in Engg. & Technology, organized by ISTE CHAPTER-MGIT, July 30 – August 03, 2012
2. Orientation Program, organized by UGC-Academic Staff College, Maulana Azad National Urdu University, Hyderabad, May 2013
3. Workshop on Texture of Materials, organized by NRCM and IISc, Bangalore, February 11-15, 2015.
4. QIP Short Term Course on “Advanced Techniques in Microstructural Characterization”, organized by QIP, IIT, Roorkee on May 29-June 2, 2017
5. FDP on “Research and Development in Materials Behaviour, Processing



ADDRESS:

- A – Block -Room No. 005

JNTUH ID:

79150406-084335

EMAIL:

dbhomikketari_mme@mgit.ac.in

DATE OF JOINING:

20-06-2005

EXPERIENCE - 19 Years

- Teaching -18
- Industry -1

SUMMARY:

- Journal Publications - 2
- Conferences Publications- 3
- Honors/Awards - 1

EVENTS:

- Organized - 17
- Attended - 23

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGITHyderabad>

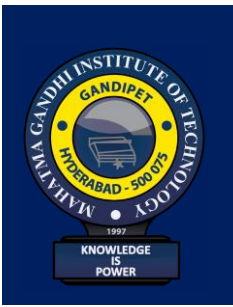
and Characterization Techniques”, organized by Department of Mechanical Engineering, GLA University, Mathura - in association with India Institute of Metals (IIM), Mathura Chapter and Punjab University, Chandigarh, June 9 -14, 2020.

6. FDP on “Research Opportunities in Advanced Manufacturing Processes”, organized by Dept. of Mechanical Engineering, Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune, Maharashtra on June 22 – 28, 2020.
7. One Week Lecture Course on, "Mechanical Behaviour o Metals”, organized by Department of Mechanical Engineering, Chennai Institute of Technology, Chennai, July 1-6, 2020.
8. FDP on “Advances in Corrosion Engineering and Electrochemical Characterization Techniques”, organized by Department of Metallurgical and Materials Engineering, NIT, Raipur on January 2 -6, 2021.
9. FDP on “Materials for Photonic Application”, organized by Dept. of Physics and Chemistry, MGIT, Hyderabad, Telangana on August 9-13, 2021.

Events Attended

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

1. Workshop on “Effective Communication”, organized by Dept. of Mathematics and Humanities, MGIT, June 20-30, 2005.
2. Workshop on, “Entrepreneurship Aware Camp in Advance Materials”, organized by EDC, JNTUH, 2005
3. National Metallurgical Day, IIM Hyderabad, organized by IIM Hyderabad, November 13-16, 2011.
4. National Conference on New Materials and Processes for Improving Quality of Infrastructure organized by Indian Association for Productivity, Quality and Reliability, Kolkata and SEST, UoH, October 19 – 20, 2012
5. Evaluation and Prevention of Corrosion and Failures, organized by TRAERF and SEST, UoH, November 29-30, 2012.
6. Refresher Course “Mathematical Modelling and Simulations for Engineers and Scientists”, organized by UGC-ASC, JNTU, Hyderabad December 2-21, 2013, 3-Day Workshop on “Fatigue, Fracture and Life Extension”, organized by Society of Failure Analysis at DMRL, DRDO, Hyderabad, January 29 – 30, 2014
7. National Seminar on “Crystallography for Materials Scientist”, organized by DMRL, Hyderabad and Electron Microscopy Society of India, Hyderabad Chapter during September 1-2, 2014.
8. National Conference on “Specialty Steels for Strategic Sector”, organized by DMRL, Hyderabad and IIM Hyderabad Chapter during December 5 – 6, 2014
9. 53rd NMD and 69th ATM of IIM with theme on New Horizons in Materials Processing and Applications, organized by IIM, November 13-16, 2015.



10. International Conference and Expo on Magnesium and its alloys, “iMagCon 2016”, organized by IIM-Chennai Chapter and VIT, Chennai Campus, February 04-06, 2016.
11. Workshop on “Advanced Engineering Materials: An Industry Perspective”, organized by SEST, UoH on November 25, 2016
12. II International Conference on Future Technologies (ICoFT 2021) organized by NIT Puducherry on December 16 – 18, 2021

Any Other Contribution:

1. Delivered a Talk on “Fundamentals of Mineral Processing” at 2-Weeks Workshop on “Metallurgy for Non-Metallurgist”, organized by MIDHANI, Hyderabad on April 21, 2017

ADDRESS:

- A – Block -Room No. 005

JNTUH ID:

79150406-084335

EMAIL:

dbhomikketari_mme@mgit.ac.in

DATE OF JOINING:

20-06-2005

EXPERIENCE - 19 Years

- Teaching -18
- Industry -1

SUMMARY:

- Journal Publications - 2
- Conferences Publications- 3
- Honors/Awards - 1

EVENTS:

- Organized - 17
- Attended - 23

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- <https://twitter.com/MGITHyderabad>