

# Ms. Podila Meghana

## Assistant Professor & Head



**Education Qualifications:** Master of Engineering (Mechanical Engineering)  
**Specialization:** Advanced Design & Manufacturing

### ADDRESS:

- B – Block -Room No 104

### JNTUH ID:

3913160207125039

### EMAIL:

podilameghana\_mct@mgit.ac.in

### DATE OF JOINING:

20-02-2017

### EXPERIENCE - 5 Years

- Teaching - 5

### SUMMARY:

- Publications - 1
- Conferences - 1

### EVENTS:

- Organized - 1
- Attended - 13

### LET'S MEET ON SOCIAL:

- [www.linkedin.com/in/meghanapodila](http://www.linkedin.com/in/meghanapodila)

### Responsibilities Held at Institution Level:

1. As a Bus Incharge from 4 consecutive Years.
2. Invigilation duties for Internal/Mid/External Exams.

### Responsibilities Held at Department Level:

1. As a Class Incharge for III MCT during Odd and Even Semesters.
2. Assistant to Time Table Incharge during AY: 2020-21, 2021-22.
3. Helping the incharges in continuously updating the files for NBA, NAAC, Autonomous works.
4. Mentoring the students.

### Courses Handled at Under Graduate /Post Graduate Level:

5. **UG:** Unconventional Machining Processes, Manufacturing Processes and Machine Tools, Renewable Energy Sources, Engineering Workshop.

### Publications:

6. Published a journal on “Design and Analysis of Carbon Fiber Reinforced Composite Cylindrical Shell Structure using Classical Laminate plate Theory” in British Journal of Applied Science & Technology, 20(1): 1-12, 2017; Article no. BJUST.31981 ISSN:2231-0843, NLM ID: 101664541, April 2017.

### Conferences:

7. Attended and presented a paper at National Conference on Advances in Mechanical Engineering (NCAME) organized by Nalla Malla Reddy Engineering College, Divyanagar, Narapally, on “Effects of Friction Stir Processing Parameters on Hardness and Surface Finish on AA7075”, Sep 2014.

### Events Organized:

#### FDPs/STTPs:

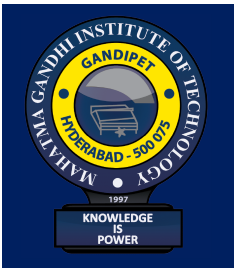
1. Coordinator for “A one week online Faculty Development Program on ADVANCED OPTIMIZATION TECHNIQUES FOR RESEARCH PROBLEM SOLVING” organized by department of Mechanical Engineering, MGIT, Hyderabad held during 4 - 8 August, 2020

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

### Events Attended:

#### FDPs/STTPs:

2. Attended an AICTE Sponsored One Week Online Short-Term Training



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Program (STTP), SLOT - 4, on “Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and Their Applications for Future Challenges”, organized by department of Mechanical Engineering, MGIT, Hyderabad, held during 7<sup>th</sup> - 12<sup>th</sup> December 2020.

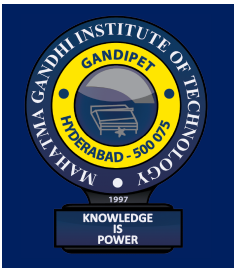
3. Attended a FDP on “One Week Online FDP on “Outcome Based Education and Accreditation” organized by ISTE Telangana Section in association with JNTUH College of Engineering, Jagtial; Mahatma Gandhi Institute of Technology, Hyderabad and Swecha during 5<sup>th</sup> -9<sup>th</sup> Oct 2020.
4. Attended a FDP on ‘Innovative Product Design, Precision Engineering and Optimization (IPDPEO - 2020)’ organized by department of Mechanical Engineering, Vasavi College of Engineering, Hyderabad, held during 10<sup>th</sup> – 14<sup>th</sup> Aug 2020.
5. Attended a FDP on ‘Advanced Optimization Techniques for Research problem Solving’ organized by department of Mechanical Engineering, MGIT, Hyderabad, held during 4<sup>th</sup> - 8<sup>th</sup> August 2020.
6. Attended a FDP on ‘Free and open source alternative for web conferencing & teaching learning, organized by department of CSE, MGIT, Hyderabad, held during 15<sup>th</sup> -16<sup>th</sup> July 2020
7. Participated in Five Day Faculty Development Program on ‘Recent Advances in Mechanical Engineering-A research perspective’ organized by department of Mechanical Engineering, MGIT, Hyderabad held during 6<sup>th</sup> – 10<sup>th</sup> July 2020.
8. Participated in Five Day Faculty Development Program on AUTODESK INVENTOR Organized by ICT ACADEMY at Vardaman College of Engineering, Shamshabad, held in July 2017.

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

9. Attended a one day webinar on “Polygeneration an Innovative Method for Energy and Power Generation” organised by Dept of Mechanical Engg., CBIT, on 13<sup>th</sup> November 2021.
10. Attended a one-day seminar on “Air Pollution and its impact on safety and health at work” held on 30<sup>th</sup> March 2019, at the Institute of Engineers, (India), Visvesvaraya Bhavan, Khairtabad, Hyderabad.
11. Attended a one-day webinar on “Women Empowerment” organised by WOMEN Welfare cell, MGIT, Hyderabad on 1<sup>st</sup> July 2020.
12. Attended a one-day webinar on Outcome based Education Software organised by VMEDULIFE Software Services, Hyderabad, on 16<sup>th</sup> July 2020.
13. Attended a one-day webinar on “A practical approach on Industry 4.0 and its implementation in Smart Factories” organized by department of Mechanical Engineering, MGIT, Hyderabad on 26<sup>th</sup> July 2020.
14. Attended a one-day webinar on “National Education Policy-2020” organised by UBA-Cell, MGIT, Hyderabad on 26<sup>th</sup> Sep 2020.

**Online Certifications: 04**

15. Online course on WIND ENERGY an online non-credit course authorized by Technical University of Denmark (DTU) and offered



through Coursera in June 2020.

16. Online Course on MECHANICAL OF MATERIALS I: FUNDAMENTALS OF STRESS & STRAIN & AXIAL LOADING an online non-credit course authorized by Georgia Institute of Technology and offered through Courseera in JUNE, 2020.
17. NPTEL course Non-Conventional Energy Resources (12 Weeks) on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.
18. NPTEL course on Fundamentals of Manufacturing Processes(12 Weeks) on the SWAYAM platform (swayam.gov.in), during the July-Oct 2019.

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