

Mr. PEDDI REDDY SHASHIDAR

Assistant Professor



Education Qualifications: M.Tech
Specialization: Machine Design

ADDRESS:

- B – Block -B 001

JNTUH ID:

64150403-194039

EMAIL:

pshashidar_mct@mgit.ac.in

DATE OF JOINING:

15-12-2016

EXPERIENCE - 09 Years

- Teaching - 7
- Industry - 2

SUMMARY:

- Publications - 12
- Conferences - 3

EVENTS:

- Organized - 01
- Attended - 23

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>

Membership of Professional Bodies:

1. International Association of Engineers (IAENG).
2. National Institute for Technical Training & Skill Development (NITTSD)

Responsibilities Held at Institution Level: -----

Responsibilities Held at Department Level:

1. 2nd B.Tech -MCT class incharge.
2. Student Mentor.

Research Guidance: -----

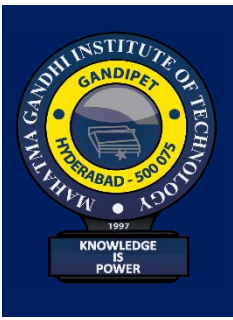
Honors/Awards Received: -----

Courses Handled at Undergraduate /Post Graduate Level:

1. **UG:** Engineering Graphics, Engineering Mechanics, Mechanics of solids, Machine Drawing, Mechanics of solids lab, Engineering Workshop.

Publications:

1. K. Santosh Kumar, P. SHASHIDAR, K. Sarupya Santosh, G. Sreenivasulu Reddy “Fabrication of Firefighting UAV and Rescue Operations” Journal of Emerging Technologies and Innovative Research, Vol-08, Issue-10, October-2021, ISSN: 2349-5162
2. Tata Mounica, Siliveru Kaveri, Mohammed Sameer Sohail, NVD Hemanth, P. Shashidar “Modelling Simulation And Development of Gravitational Vortex Flow Hydraulic Power Plant” Journal of Emerging Technologies and Innovative Research, Vol-08, Issue-08, August 2021, ISSN: 2349-5162.
3. P. Shashidar, K. Santosh kumar, G. Sreenivasulu Reddy, K. Sarupya Santosh, NVD Hemanth “Design And Development of Gravitational Vortex Hydraulic Power Plant” Journal of Emerging Technologies and Innovative Research Vol-08, Issue-07, July 2021, ISSN: 2349-5162.
4. P. Shashidar, K. Sarupya Santhosh, G. Sreenivasulu Reddy, K. Santosh Kumar “Effect of Rotational Moulding Process Parameters in Blending of Virgin With Recycled PVC Tanks” Bulletin Monumental Journal Web of Science Journal VOLUME 22, ISSUE 4, APRIL-2021, and E-ISSN 0007-473 X
5. K. Sarupya Santhosh, G. Sreenivasulu Reddy, P. Shashidar, B. Govinda Reddy “Design of Core Carrier Assembly Fixture for Cylinder Block” Journal of Xi'an University of Architecture & Technology” Volume XIII, Issue 3, MARCH 2021, ISSN: 1006-7930.
6. P. Shashidar K. Sarupya santhosh , K. Santosh kumar, G. Sreenivasulu Reddy, S. Ajay Kumar “Parameters Optimization In Extrusion Process of Blending Virgin With Recycled PVC Pipe Using Taguchi Method” International Journal of Application or Innovation in Engineering & Management , Volume 10, Issue 2, February 2021, ISSN 2319 – 4847.

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7. K. Santosh kumar, Samboju Ajay kumar, B. Govinda Reddy and Peddireddy Shashidar “Design And Manufacturing of 6v 120ah Battery Container Mould for Train Lighting Application” International Journal of Application or Innovation in Engineering & Management (IJAEM), Volume10, Issue 1, January 2021, ISSN 2319 – 4847
8. P. Shashidhar, K. Santosh Kumar, and S. Ajay Kumar “Investigation and Optimization of Process Parameters of PVC Fittings By Using Recycled PVC” International Journal of Application or Innovation in Engineering & Management, Vol-8, Issue-12, December 2019, ISSN: 2319-4847.
9. Samboju Ajay kumar, Peddireddy shashidar “A Comparative Study of The Effect of Adaptive Slicing With Uniform Slicing in SLS Process”, International Journal of Advanced research in science and Engineering, VOL NO: 06, ISSUE: 12, DEC-2017, ISSN: 2319-8354
10. P. Shashidar, P. Laxminagaprasad, U. Anil Kumar. “Design And Fabrication of Modern Three way Dumping Trolley Mechanism” International Journal of Advanced Technology in Engineering and Science, VOL NO: 04, ISSUE: 11, NOV-2016, ISSN: 2348:7550.
11. P. Shashidar, P. Laxminagaprasad, U. Anil Kumar “Modeling And Optimization of Heavy Vehicle Chassis Frame” International journal of innovative research in science and engineering, VOL NO: 03, ISSUE: 11, NOV-2016, ISSN: 2454:9665
12. GiriBabu Surarapu, Shashidar PeddiReddy, Nagamani Uotkuri “Experimental Investigation on Watt Governor to Increase Minimum Speed”, International Journal of Scientific and Research Publications, Volume 5, Issue 2, February 2015 ISSN 2250-3153

Conferences:

1. A comparative Study of the effect Of Adaptive Slicing with Uniform Slicing in SLS Process” at 9th International conference on recent development in engineering science organized by “Maharatta Chamber of Commerce, Industries and Agriculture”, Pune. Paper entitled “on Dec 23rd 2017.
2. “Design And Fabrication of Modern Three-way Dumping Trolley Mechanism” at 2nd International Conference on Innovative Trends in Science, Engineering and management, organized by YMCA, New Delhi on 5th NOV-2016, ISBN: 978-93-86171-10-8
3. “Modeling and Optimization of Heavy Vehicle Chassis Frame” at 2nd International Conference on Recent Innovations in science, Technology, Management and Environment, organized by Indian Federation of United Nations Associations, New Delhi on 20th Nov-2016, ISBN: 978-93-86171-11-5.

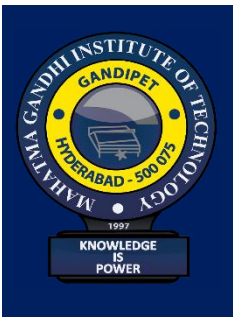
Patents: -----**Research & Consultancy: -----****No. of Books/Chapter Published with details: ---****Events Organized:**

Conferences: -----

FDPs/STTPs:

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

1. One day online webinar on “A Practical approach on Industry 4.0 and Its implementation in Smart Factories” conducted In Association with MTAB Technology center, Chennai and Mahatma Gandhi Institute of Technology, Hyderabad on 26-07-2020.



Events Attended

FDPs/STTPs:

1. Attended One Week FDP on “Design of Experiments using Taguchi Approach” Organized by Department of Mechanical Engineering, TKR college of Engineering and Technology during November 12th to 17th 2018
2. Attended One Week FDP on “Composite Materials an Emerging Alternative to Engineering Applications” Organized by Department of Mechanical Engineering, Vignan Institute of Technology and Science, Nalgonda during July 1st to 6th 2019.
3. Attended One Week FDP on “Advanced Optimization Techniques for Research Problem Solving” Organized by Department of Mechanical Engineering, MGIT, Hyderabad during 4 - 8 August 2020
4. Attended One Week STTP on “Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and their Applications for Future Challenges” Organized by Department of Mechanical Engineering, MGIT, Hyderabad during 24 - 29 August 2020
5. Attended AICTE Sponsered Online Short-Term Training Programme (STTP) on “Advanced Techniques in Modelling and Analysis for Mechanical Engineering (ATMA 2020)” Organized by Department of Mechanical Engineering VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad during 31st Aug - 05 Sep 2020.
6. Attended ICTE Sponsored One Week online Short Term Training Programme (STTTP) on Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and Their Applications for Future Challenges Organized by Department of Mechanical Engineering, MGIT, Hyderabad during 02 - 07 Nov 2020.
7. Attended One Week FDP on “Emerging Technologies in Mechanical Engineering” Organized by VEMU Institute of Technology, AP during 26/05/2020 to 30/05/2020.
8. Attended 3 Day FDP on “Advanced Material Characterization Techniques” Organized by LENDI Institute of Engineering and Technology, Kakinada during 28/05/2020 to 30/05/2020.
9. Attended One Week FDP on “Research Opportunities and Challenges in Manufacturing sector” Organized by SVERI’s College of Engineering, Maharastra during 01/06/2020 to 06/06/2020.
10. Attended One Week FDP on “Purely the Fundamentals of Mechanical Engineering” Organized by Chennai Institute of Technology, TamilNadu during 01/06/2020 to 05/06/2020.
11. Attended One Week FDP on “Applications of Thermal Engineering” Organized by KINGS Engineering college during 08/06/2020 to 12/06/2020.
12. Attended “One Week ISTE Induction / Refresher Program Phase - III on Advanced Technology in Effective Teaching” Organized by Mohandas College of Engg. & Tech during 24-29 May 2021.

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

1. Attended One day webinar on “Developing Thinking Abilities Relevant for Engineering Education” Organized by FACE , Hyderabad on 28/04/2020
2. Attended One day webinar on “University Industry Linkage – Different Mechanisms” Organized by Audisankara Group of Institutions, Bangalore on 02/05/2020

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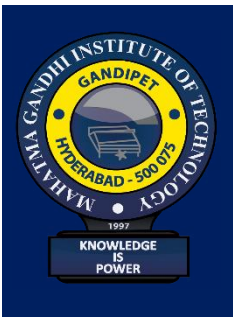
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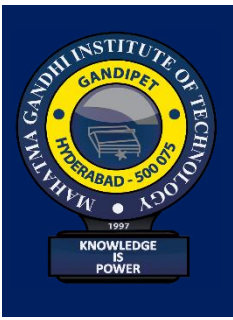
3. Attended One day webinar on “Versatile Machining Techniques” Organized by Duracarb and Mastercam on 06/05/2020.
4. Attended One day webinar on “Research Scopes on Mechanical Science” Organized by Chennai Institute of Technology, TamilNadu on 07/05/2020
5. Attended One day webinar on “Future Opportunities in Industrial Robotics & Industry 4.0” Organized by AGIIT, TamilNadu on 16/05/2020
6. Attended One day webinar on “Challenges and Opportunities in Industries post COVID-19 Pandemic” Organized by Anurag Group of Institutions, Hyderabad on 23/05/2020
7. Attended One day webinar on “Evolution of Connected Factories (Industry 5.0)” Organized by MLRIT , Hyderabad on 30/05/2020
8. Attended One day webinar on “Nano fluid Applications in Engineering” Organized by Vishnu Institute of Technology, Bhimavaram on 01/06/2020
9. Attended One day webinar on “Recent Trends in Automotive Industry” Organized by Chalapathi Institute of Technology on 01/06/2020
10. Attended One day webinar on “Nano fluid Applications in Engineering” Organized by Vishnu Institute of Technology, Bhimavaram on 11/06/2020
11. Attended One day webinar on “Nano fluid Applications in Engineering” Organized by Vishnu Institute of Technology, Bhimavaram on 01/06/2020

Online Certifications:

1.NPTEL COURSE: Strength of Materials with 79% Score.

2.COURSERA COURSES-

1. Machine Design Part I
2. CAM and Design Manufacturing for Mechanical Engineers with Autodesk Fusion 360
3. Applications in Engineering Mechanics.
4. Engineering Systems in Motion: Dynamics of Particles and Bodies in 2D Motion
5. Introduction to Acoustics (Part 2)
6. Nanotechnology: A Maker’s Course
7. Mechanics of Materials III: Beam Bending
8. Ferrous Technology I
9. Ferrous Technology II
10. Intro to Acoustics (Part 1)
11. Introduction to Basic Vibrations
12. Intelligent Machining
13. Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360
14. Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading
15. Introduction to Thermodynamics: Transferring Energy from Here to There
16. Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion
17. Materials Science: 10 Things Every Engineer Should Know
18. Introduction to Engineering Mechanics
19. Renewable Energy and Green Building Entrepreneurship
20. Digital Manufacturing & Design
21. Advanced Manufacturing Process Analysis.



Any Other Contribution:

1. Performing anti ragging duties
2. Performing Campus monitoring duties.

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