



Ms. K. Udayani

Assistant Professor



Education Qualifications: B.Tech, M.E
Specialization: CAD/CAM

ADDRESS:

- B – Block -Room No. 104

JNTUH ID:

2112-160111-111254

EMAIL:

kudayani_mct@mgit.ac.in

DATE OF JOINING:

01-06-2015

EXPERIENCE - 07 Years

- Teaching - 1

SUMMARY:

- Publications - 5
- Conferences - 1

EVENTS:

- Attended - 12

ONLINE CERTIFICATIONS:

- NPTEL - 1

Membership of Professional Bodies

- Life Member of ISTE - LM 132053

Responsibilities Held at Institution Level:

- Assistant Training and Placement Officer (ATPO) from Jan 2019 to Dec 2021
- Anti-Ragging duty
- Invigilation duties for Internal/mid and end semester exams

Responsibilities Held at Department Level:

- Additional Departmental Time-tables duty from 2016-2018

Courses Handled at Under Graduate Level:

- Operations Research, Finite Element Methods, Engineering Graphics, Production Planning and Control.

Publications:

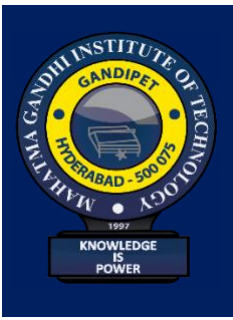
1. K Udayani, K Prudhvi Raj, "Experimental Investigation of Electrochemical Machining and Optimization of Process Parameters using Aluminium Alloy 7075 Electrode", Turkish Journal of Computer and Mathematics Education, Volume12 No.13 (2021), Page No. 1031-1035, ISSN:ISBN No. 1309-4653, June 2021.
2. K. Udayani, V.V.Veeranna, S. Gajanana, K. Hema Chandra Reddy, "3D FEAnalysis of Metal Spinning Process", International Journal of Emerging Technologies in Engineering Research (IJETER), ISSN 2454-6410 Volume-5 Issue-4, April-2017.
3. K. Udayani, V.V.Veeranna, S. Gajanana, K. Hema Chandra Reddy, "Optimization of Process Parameters of Metal Spinning using Response Surface Methodology", International Journal of Emerging Technologies in Engineering Research (IJETER), ISSN 2454-6410 Volume-5 Issue-4, April-2017.
4. K. Udayani, P.Ravi Tej, and S. Gajanana, "Investigation of Mechanical Properties and Characterization of Super Hard Alloys", International Journal of Research in Mechanical Engineering, (PIN):1601020404003, IJRME, ISSN Print: 2347- 5188 Volume-4 Issue-4 July-August-2016.
5. Dr. S. Gajanana, B. Ravi Kumar, P. Ravi Tej, K. Udayani, "Simulation of Cutting Forces in End Milling and Optimization of Machining Parameters", International Journal of Engineering & Technology Research, (PIN):1401010206005, IJETR, ISSN Print: 2347- 8292 ISSN Online: 2347-4904 Volume-2 Issue-6 Nov.-Dec.2014.

Conferences:

- Delivered an oral presentation on " Modeling, Analysis and Optimization of Process Parameters of Metal Spinning" on 12-13 February 2015, held by WASET at Kuala Lumpur, Malaysia.

Events Attended

FDPs/STTPs:

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1. AICTE sponsored one week online STTP, slot-4 organized by Dept of Mech Engg, MGIT, from 07.12.2020-12.12.2020.
2. Crash course on Mastercam 2020 organized by Mastercam from 13.05.2020-15.05.2020
3. "Faculty Awareness Program" organized by RD's Shri Chhatrapati Shivajiraje College of Engineering, Dhanganwadi, Pune, from 10th - 15th May 2020.
4. 3 day online workshop "Education 4.0" organized by IQAC, Atharva College of Engineering, Mumbai, from 28th - 30th April 2020.
5. Short Term Course "Engineering Research Methodology" organized by Dept of Mech Engg, UCEOU from 09th - 13th Dec 2019.

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

1. One day Faculty Development Program on Outcome Based Education organized by Inpods Ed-tech organised by Inpods Ed-tech on 01.05.2020
2. Webinar on Versatile Machining Techniques, organized by Mastercam and Duracarb India on 06.05.2020
3. One day Faculty Program on NBA organized by Bharathi Vidyapeeth College of Engineering, Navi Mumbai, on 11.05.2020
4. Webinar on Management System Demo organized by Inpods Ed-Tech on 20.05.2020
5. Webinar on Case studies on Biomedical Application organized by Dept of Mech, SNIST on 23.05.2020
6. Online Teaching-Learning and Online assessment demo organized by Inpods Ed-Tech on 28.05.2020
7. Webinar organized by Dept of Mech Engg, MGIT in association with MTAB Technology Center, Chennai on 26.07.2020

Online Certifications:

- NPTEL online certification course on "Operations Research" from July – Sep 2019.



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