

K. C. SABITHA

Assistant Professor



Education Qualifications: M.E. (Mechanical Engineering)
Specialization: Production Engineering

ADDRESS:

- B – Block -104

JNTUH ID:

4857-150409-131703

EMAIL:

kcsabitha_mct@mgit.ac.in

DATE OF JOINING:

20-03-2003

EXPERIENCE - 19 Years

- Teaching -19

SUMMARY:

- Publications - 4
- Conferences - 7
- Books – 2
- Honors/Awards - 2

EVENTS:

- Organized - 15
- Attended - 115

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. Life Member of Indian Institute Of Welding(IIW)
2. Indian Society Of Technical Education(ISTE)
3. Member of International Association of Engineers(IAENG)

Responsibilities Held at Institution Level:

1. Chief Coordinator of Entrepreneurship Development Cell (EDC) -MGIT
2. Member of Women Welfare Cell – MGIT
3. Nodal Officer ARIIA
4. Member of TEQIP –Instrumental in preparing Phase I and Phase II of TEQIP(College Level)
5. Maintaining and updating information in assigned files of NAAC & NBA
6. Faculty Event coordinator for Business Plan during SAE convention Tier –I & Tier –II
7. Member of Anti Ragging Committee

Responsibilities Held at Department Level:

1. Prepared the Lab Manuals for Engineering Metrology Lab
2. Project seminars conducted
3. In Charge of NBA & NAAC Files
4. In charge of Mentoring and counselling activities
5. Worked as Time Table In-Charge
6. Guided main projects for 4th year B.Tech, MCT, Mechanical students
7. Class-In Charge

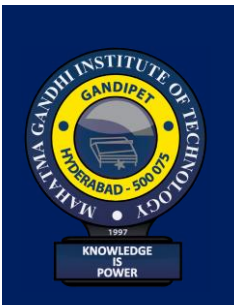
Honors/Awards Received:

1. Best Paper Award for the paper entitled Evaluation of Mechanical Properties of Tailor Welded Metal Blanks.
2. Recipient of Best Teacher Award for excellence in teaching - Prof.F.D.VAKIL Memorial Award.

Courses Handled at Under Graduate /Post Graduate Level:

UG: Engineering Metrology, Metrology and Machine Tools, Unconventional Machining , Production Technology, Manufacturing Process, Mechanics of solids, Management Science, Industrial Management, Data structures through C, Business Economics & Financial Analysis, Operations Research, Managerial Economics & Financial Analysis, Principles of Entrepreneurship , Plant Layout and Material Handling

PG: Instrumentation and sensor Technology, Principles of Entrepreneurship



Publications:

1. K. C. Sabitha , Dr. R. Uday Kumar ,” Determination of Material Removal Rate in Electro Discharge Machining through Copper Electrode”,International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; Volume 9 Issue V May 2021-
2. K.C.Sabitha , “Influence of Process Parameters on Surface Roughness of Titanium Alloy Ti-6Al-4V through Electro Discharge Machining”, International Research Journal of Engineering and Technology (IRJET) “Volume: 08 Issue: 03 | Mar 2021 ISO 9001:2008 Certified Journal
3. K.C.Sabitha,Dr.P.Ravinder Reddy, Dr.A.Krishnaiah, Dr.R.Uday Kumar, “Evaluation of Strain Hardening Exponent of Tailor Welded Sheet Metal Blanks”, Journal of Advanced Research in Dynamical and Control Systems(JARDCS) ISBN 978-93-81288-18- 4 [ICEAT-2019], 9-10 April 2019.
4. K.C.Sabitha, P.Ravinder Reddy A.Krishnaiah, R.UdayKumar,”Evaluation of mechanical properties of tailor welded sheet metal blanks”, IOP Conference series: Materials ,(An open access International Journal Science and Engineering 455(2018)012061(December) ISSN:1757-899X, [ICAAMM-2018], 13-14 July 2018.

Conferences:

1. Presented a paper on “Optimization of EDM Process Parameters on Ti 6Al 4V” “Role and Significance of Intellectual Property during Recession” two day National Conference on “Advances in Mechanical Engineering” from November 18 -19, 2010 at Vasavi College of Engineering, Hyderabad.
2. Presented a paper on ” “Role and Significance of Intellectual Property during Recession” two day National Conference on “Advances in Mechanical Engineering” from November 18 -19, 2010 at Vasavi College of Engineering, Hyderabad.

EVENTS ORGANIZED:

CONFERENCES:

1.Organized Technovation

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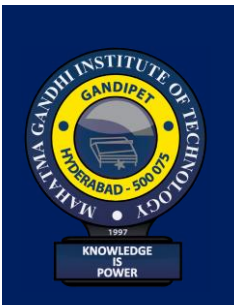
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FDPS/STTPS:

1. Organized a two day online FDP on IPR & Patent Filing on 11th -12th September 2020 -R&D cell and NISP
2. Organized a one week online Faculty Development Program On Recent Advances in Renewable Energy & Energy Efficiency Technologies 21st -25th July,2020 Mechanical Engineering Department, MGIT
3. Organized Faculty Development Program in Entrepreneurship on 22nd April – 04th May 2012 (2 weeks)

REFRESHER COURSES/ WORKSHOPS/ WEBINARS/ SEMINARS/

1. Tie Grad plus kick off session & Idea Boot Camp organized by EDC in association with The Indus Entrepreneurs(Tie), Hyderabad
2. International Women's Day- "Gender Equality Today For A sustainable Tommorrow" 08th March 2022 Women Development Committeel, MGIT.
3. SAMBHAV" - e - National Level Awareness Programme(e-NLAP) on Entrepreneurship as part of Azadi Ka Amrit Mahotsav (AKAM) in association with Khadi & Village Industries Commission(KVIC) as per the directions of the Ministry of MSME on 25th November 2021
4. International Women's Day- "Choose to Challenge" 08th March 2021 Women's welfare cell, MGIT
5. All the way up 2.0 on 11th March 2020 by EDC- MGIT, Hyderabad
6. Mergers and Acquisitions on 13th October 2017 by EDC- MGIT, Hyderabad
7. World Entrepreneurship Day on 21st August 2017 by EDC- MGIT, Hyderabad
8. Expert Talk –Business Report Preparation on 22nd Feb 2013 by EDC- MGIT, Hyderabad
9. Expert Talk - Financial Assistance on 21st Jan 2013 by EDC- MGIT, Hyderabad
10. Expert Talk –Idea Generation on 10th Jan 2013 by EDC- MGIT, Hyderabad
11. Woman Entrepreneurship – Woman Empowerment on 7th March 2012 by EDC- MGIT, Hyderabad
12. Entrepreneurship Awareness Camp 16th – 18th February 2012 (3 Days) by EDC- MGIT, Hyderabad

EVENTS ATTENDED:

CONFERENCES

1. Participated in International Conference On Engineering and Advancement in Technology 2019 (ICEAT) held on 9th & 10th April 2019 at LORDS Institute of Engineering & Technology, Hyderabad
2. Participated in 2nd International Conference on Advancements in Aeromechanical Materials for Manufacturing (ICAAMM 2018) held on

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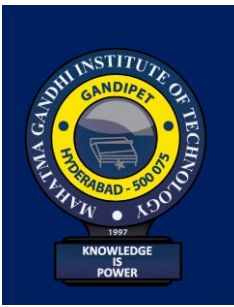
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13th & 14th July 2018 at MLR Institute of Technology, Hyderabad.

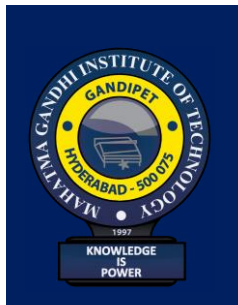
3. Attended National Conference on “Advances in Mechanical Engineering” AIM-2010 held at Vasavi College of Engineering during 18-19 November 2010.
4. Participated in four day International Meet – 53rd Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM), from December 27th to 30th, 2008 at University College of Engineering, Osmania University, Hyderabad
5. National conference on “Dynamics of Evaluation to Engineering Management, 23-24th July 2003, Dhruva College of Management, Hyderabad.

FDPS/STTPS

1. Participated in Two Week FDP on ” Recent Advances In Design And Development Of Mechatronics & Robotic Systems” organized by Department of Mechanical Engineering, M.G.I.T. during 04-16 December, 2017.
2. Participated in Two Week FDP on ” Current Trends In Materials and Manufacturing” organized by Department of Mechanical Engineering, CMR College of Engineering & Technology, Hyderabad during May 15-27, 2017.
3. Participated in Two Week programme of “Faculty Development Programme in Entrepreneurship” during 22 April – 04 May, 2013 organized by Entrepreneurship Development Cell, M.G.I.T. (2 Weeks).
4. Attended Two Week programme of “Faculty Development Programme in Entrepreneurship” during 26th August – 09th Sept, 2010 organized by Entrepreneurship Development Cell, Osmania University sponsored by NSTEDB, DST, New Delhi (2 Weeks).
5. Attended a One week workshop on “STTP on Mechatronics” at M.G.I.T, Gandipet, Hyd during 12th – 16th July 2010.
6. Participated in one week STTP on “Rapid Prototyping and e-Manufacturing”, from March 23rd to 28th, 2009 at University College of Engineering, Osmania University, Hyderabad
7. A Short term training programme on “Robotics & Automation System” organized by Mahatma Gandhi Institute of Technology, Hyderabad, 2nd – 7th June 2003

REFRESHER COURSES/ WORKSHOPS/ WEBINARS/ SEMINARS/GUEST LECTURE

1. Participated in two day Workshop on “Recent trends in Manufacturing (RTM-2013)” organized by the department of mechanical Engineering CBIT, during 29th & 30th July 2013.
2. “Innovations & Best Practices” held on 18th – 20th December 2003 conducted by ALEAP
3. A In-House training programme on “Effective teaching methodology”



held on 24-29 November 2003 at CBIT, Hyderabad.

ONLINE PROGRAMMES ATTENDED

FDPs/STTPs: 29

WEBINARS/Workshops : 61

INSTITUTION'S INNOVATION COUNCIL(IIC)(IIC-MHRD): 08

ONLINE CERTIFICATIONS:

1. NPTEL-AICTE -Faculty Development Programme On Fundamentals Of Manufacturing
2. Online Course on Digital Manufacturing & Design through COURSE ERA

ANY OTHER CONTRIBUTION:

1. Guided main projects for 4th year B.Tech, MCT students
2. Guided main projects for 4th year B.Tech Mechanical students
3. Guided mini projects for 3rd year MCT and Mechanical students
4. Question paper sets prepared for Mechanical Engineering subjects for UG courses of Engineering colleges

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