

Dr. K.V.Kasi Viswanadham

Assistant Professor (Selection Grade)



Education Qualifications: Doctor of Philosophy (Mechanical Engineering)
Specialization: Machining and optimization

ADDRESS:

- B – Block Room No -103

JNTUH ID:

66150401-191020

EMAIL:

kvkviswanadham_mct@m
git.ac.in

DATE OF JOINING:

15-03-1999

EXPERIENCE - 23 Years

- Teaching - 23

SUMMARY:

- Publications - 08
- Conferences - 05

EVENTS:

- Attended - 70

Membership of Professional Bodies:

1. Indian Society for Technical Education Life Member (ISTE) LM – 35551, 2003.
2. Institute of Engineers (MIE), M-1674794.

Responsibilities Held at Institution Level:

1. Campus monitoring duty
2. Member of anti-ragging committee to make sure that there is no ragging activity in the campus.
3. Invigilation duties for Internal/Mid and End semester exams.

Responsibilities Held at Department Level:

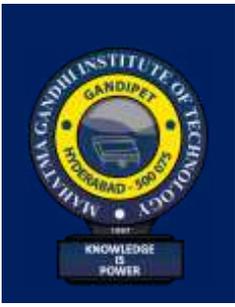
1. Continuously updating files for NBA, Autonomous and NAAC.
2. Laboratory In-charge Metrology & Machine Tools.
3. As a class incharge for IV B.Tech II-sem(Mech-1) during the period constantly monitoring the student activities and communicating the same with parents regarding their academic performance in college.
4. Constantly mentoring the assigned students for the academic growth.

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Engineering Graphics, Production Planning & Control, Metrology & Machine Tools, Operation Research, Management Science & Industrial Management

Publications:

1. Venkata Kasi Viswanadham Kolipakula, Chandra Sekhara Kumar Aduru, Ravinder Reddy Pinninti, Rakesh Kumar Gunda, “Tribological behaviour of SiC and Al₂O₃ filled glass-epoxy composite”, Published in Proceedings of the Institution of Mechanical Engineers Part J: Journal of Engineering Tribology ISSN : ISBN No. 1350-6501 (In Press)
2. Mr. K.V. Kasi Viswanadham, Mr. V.Jaipal Reddy, Mr. M. Venkateswar Reddy and Mr. G.Sreenivasulu Reddy “ Investigate the effect of process variables on the mechanical behavior of aluminum composites using the Friction Stir Process” published in Compliance Engineering Journal, ISSN:ISBN No. 0898-3577, Volume 12,Issue 04 Month &Year: April -2021 PP. 502-507.
3. Mr. K.V.Kasi Viswanadham , Mrs. Jyothirmayi Narne, Mr. V. Jaipal Reddy and Mr. G.Sreenivasulu Reddy “A Critical Review On Static And Dynamic Analysis Of Protective Structures” published in Journal of Shanghai Jiaotong University, ISSN:ISBN No. 1007-1172, Volume 17, Issue 06, Month &Year: June - 2021, PP. 18-32.
4. Mr. K.V.Kasi Viswanadham and Mr. V. Jaipal Reddy “A state-of-the-art review on Al-MMC and its budding applications” published in Compliance Engineering Journal, ISSN:ISBN No. 0898-3577, Volume 12,Issue 05 Month &Year:may-21,Page 358-362 (33).
5. Mr. K.V.Kasi Viswanadham, Dr.R. Uday Kumar “Evaluation and study of

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Formability Characteristics of sheet metals through Stretch Bend Test” published in AIP Conference Proceedings (An open access International Journal) – AIP Publishing ISSN: ISBN No. 1551-7616, Volume.2317, Issue 1, 050002(2021), Month & Year: February 2021, Page No: 050002-1 to 050002-6.

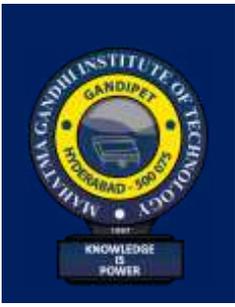
6. Mr. K.V.Kasi Viswanadham, Rakesh Kumar Gunda, Suresh Kumar Reddy Narala, Sreenivasulu Reddy Goda “Experimental investigation to study the performance of solid lubricant during turning EN31 steel and Ti-6Al-4V alloy” published in Materials Today, Science Direct Journal Volume No.28, Issue No.2 (2019), Month & Year: Feb, 2019, PP. 1227-1230
7. Mr.K.V.Kasi Viswanadham and G.Srikanth Reddy “ Fully autonomous Line following AGV with Obstacle Overcoming” published in Global Journal of Advanced Engineering Technologies (GJAET) ISSN No: 2394-0921 (print) ISSN No: 2277-6370 published in Volume No.4, Issue No.3(2015) pp. 176-180.
8. Mr.K.V.Kasi Viswanadham, Ms Shilpa K and Dr K. Sudhakar Reddy, “ Design of an Advanced wireless controlled stair climbing robot ”, International Journal and Magazine of Engineering, Technology, Management and Research (IJMETMR) ISSN No: 2320-3706 (print) ISSN No: 2348 -4845 (online) Volume No.2, Issue No.1(2015) pp. 51-56.

Conferences:

1. Mr K.V. Kasi Viswanadham, and Dr.Rakesh Kumar Gunda, "Tribological Characteristics Of Metal GFRP Composite Filled With Sic and Al₂O₃ Particles” 10th International Conference on “Tribology” (BALKANTRIB’20), a Three day International conference, 20th to 22nd May 2021 & online at Serbian Tribology Society, Belgrade, Serbia.
2. Mr K.V. Kasi Viswanadham, Dr.R. Uday Kumar, Mr.K. Sarupya Santhosh "Evaluation And Study Of Formability Characteristics Of Sheet Metals Through Stretch-Bend Test” International conference on “Advancements in Aeromechanical materials for manufacturing” (ICAAMM 2020), a Two day International conference, 24th to 25th July 2020 & online at MLRIT, Hyd
3. Mr.K.V.Kasi Viswanadham, Dr. R.Uday kumar and Dr. N.V. Srinivasulu, “Finite Element Simulation of Sheet Metals formability Using OSUFT Test”, Technological Innovations in Mechanical Engineering (TIME-2016), an International Conference, 10th – 11th February, 2016 organized by Department of Mechanical and Production Engineering CBIT, Hyderabad and IRD India at Chaitanya Bharathi Institute of Technology, Hyderabad.

Events Attended:**FDPs/STTPs:**

1. Participated in one-Week Faculty Development Programme on “Emerging Trends in composite Materials and Industrial applications” (ETCMIA-17) during March 20-25, 2017 organized by Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad (1 week).
2. Participated in one-Week Faculty Development Programme on “Finite Element Applications in Mechanical and Civil Engineering” (FEAMCE-17) during January 23-28, 2017 organized by Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad (1 week).
3. Participated in Two-Week Faculty Development Programme on “Latest Developments in Hydraulics, Pneumatics and Electronic Control systems” during 4th - 16th May, 2015 organized by Department of Mechanical Engineering (Mechatronics) Sponsored by AICTE at Mahatma Gandhi Institute of Technology, Hyderabad (2 week).



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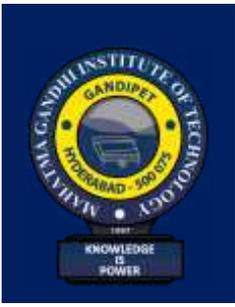
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4. Attended a Two-Day National Seminar on “Metallurgy for Non-Metallurgists” during 29th - 30th January, 2015 organized by TRA Education & Research Foundation, Hyderabad, India and Mahatma Gandhi Institute of Technology, Hyderabad.
5. Attended a Short term Training Programme on “Mechatronics” during 5th – 10th May, 2014 Sponsored by ISTE – SRM University at Mahatma Gandhi Institute of Technology, Hyderabad (1 week).
6. Participated in Two-Week “Faculty Development Programme in ENTREPRENEURSHIP” during 22nd April - 4th May, 2013 organized by Entrepreneurship Development Cell (EDC) (Funded by AICTE) at Mahatma Gandhi Institute of Technology, Hyderabad (2 week).
7. Participated in One-Week Course “Powder Metallurgy short course -2012” during 18th - 22nd December, 2012 organized by Powder Metallurgy Association of India and Mahatma Gandhi Institute of Technology, Hyderabad (1 week).
8. Attended a One-Week ISTE Faculty Development Programme on “Teaching, Learning and Research in Engineering and Technology” during 30th July - 3rd August, 2012 organized by ISTE-MGIT and IIP Cell-MGIT (Funded by AICTE) at Mahatma Gandhi Institute of Technology, Hyderabad (1 week).
9. Attended a Two-Day National convention on “Analysis and Prevention of Fracture and Failures-2012” during 3rd - 4th February, 2012 organized by Society for Failure Analysis (SFA) and Mahatma Gandhi Institute of Technology, Hyderabad.
10. Attended Two Week programme of “Faculty Development Programme in Entrepreneurship” during 26th August – 09th September, 2010 organized by Entrepreneurship Development Cell, Osmania University sponsored by NSTEDB, DST, New Delhi. (2 Weeks)
11. Attended Faculty Development Programme on “Alternate Energy Options for I.C. Engines” during 28th June - 03rd July, 2010 organized by National Institute of Technology (NIT), Calicut sponsored by Ministry of HRD (1 week).
12. Attended a One week workshop on “STTP on Mechatronics” during 12th – 16th July, 2010 at Mahatma Gandhi Institute of Technology, Hyderabad (1 week).
13. Attended Faculty Development Programme on “Alternate Energy Options for I.C. Engines” during 28 June – 03 July, 2010 organized by National Institute of Technology (NIT), Calicut sponsored by Ministry of HRD (1 week).
14. Attended Faculty Development Programme on “Faculty development programme” during 6th -18th December, 2004 organized by Entrepreneurship Development Cell Jawaharlal Nehru Technological University, Hyderabad (3 weeks)
15. Attended a Short term Training Programme on “ Advanced Metal working Techniques & FES in Metal Forming” during 30th June – 11th July, 2003 at

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Chaitanya Bharathi Institute of Technology, Hyderabad. (2 weeks)

16. Attended a Short term training programme on “Robotics & Automation System” during 2nd – 7th June, 2003 organized by Mahatma Gandhi Institute of Technology and Chaitanya Bharathi Institute of Technology, Hyderabad (1 week).
17. Attended a Refresher course on “Energy systems” during August 2001, organized at Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad (3 weeks).
18. Attended a Refresher course on “Training Programme for Young faculty in various engineering colleges” during December 2000, organized at Osmania University, Hyderabad sponsored by AICTE (3 weeks)

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

1. A Two Workshop on “Advances in fibre Reinforced polymers and composites” during 13th - 14th March, 2014 organized by Chaitanya Bharathi Institute of Technology, Hyderabad in Association with CSIR and West Virginia State University, USA.
2. Participated in Two day Workshop on “Recent Trends in Manufacturing ” (RTM-2013) during 29th - 30th July, 2013 at Chaitanya Bharathi Institute of Technology, Hyderabad.
3. Participated in Two day Workshop on “Nano Technology and its Applications” during 27th - 28th February, 2012 at Chaitanya Bharathi Institute of Technology, Hyderabad.
4. National Level Workshop on “E-Teaching for Engineering Faculty” organized by JNTUH held on 2nd July 2011.

Online Certifications:

1. Completed online course on “Fundamentals of manufacturing processes” conducted by NPTEL-SWAYAM in July-November 2019.
2. Completed online course on “Theory of Production Processes” conducted by NPTEL-SWAYAM in August-December 2020.

Any Other Contribution:

1. On-line FDP’s attended: 30
2. On-line webinars attended: 15
3. On-Line workshop: 03