Ms. YVN Chandana
Assistant Professor

Education Qualifications: Master of Engineering
Specialization: CAD

ADDRESS:
- B – Block -Room No -104

JNTUH ID:
7731-170202-105453

EMAIL:
yvnchandana_mct@mgit.ac.in

DATE OF JOINING:
20-08-2018

EXPERIENCE - 15 Years
- Teaching - 10
- Industry -05

SUMMARY:
- Publications - 07
- Conferences - 02

EVENTS:
- Organized - 01
- Attended - 40

Membership of Professional Bodies:

1. Life Member Indian Society of Technical Education(ISTE)

Responsibilities Held at Institution Level:

1. Student Bus In-charge
2. Campus monitoring Duty
3. Invigilation duties for Internal/mid and end semester exams
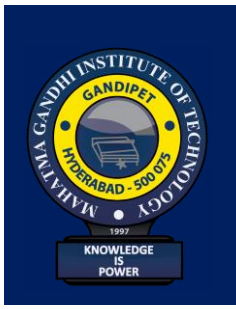
Responsibilities Held at Department Level:

1. Continuously updating files for NBA, Autonomous and NAAC.
2. Class in-charge
3. Continuous monitoring of assigned students for academic growth

Courses Handled at Under Graduate /Post Graduate Level:

UG: Design of Machine Members-I, Design of Machine members-II, Principles of Machine Design, CAD/CAM, Finite Element Methods, Mechanics of Solids, Engineering Mechanics.

Publications:

1. Y Venkata Naga Chandana, N.Venu Kumar, "Parametric study of thermally induced warpage of FpBGA package using Finite Element Methods" Materials Today: Proceedings ISSN- 2214-7853, Volume 51, Part 1, May 2022, Pages 430-434
2. Y Venkata Naga Chandana, Thermal Management and Parametric Study of Flip Chip BGA using Finite Element Methods, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 9 Issue VI June/2021 5518-5524, ISSN: 2321-9653
3. Y Venkata Naga Chandana, N.Venu Kumar, Warpage Analysis of an Over Molded Chip Scale Electronic Package using Finite Element Method, Science, Technology and Development Journal, ISSN-0950-0707, Vol X, Issue III, March 2021, p620-625
4. Venkata Naga Chandana. Y & Venu Kumar. N, Thermal Characterization Of Electronic Package With Non-uniform Power Maps, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. 10, Issue 3, Jun 2020, Pp8179-8190 ISSN (P): 2249–6890; ISSN (E): 2249–8001
5. Y.V.N. Chandana and C. Sravanthi, Optimization of Engine Efficiency by Reducing the weight of Connecting Rod by using Composite Material Carbon Fiber Epoxy, International Journal for Research in Applied Science & Engineering Technology. Vol. 6 Issue II, February 2018, pp 2046-2051
6. Y.V.N. Chandana and K.V Purushotham Reddy, Transient Thermal Analysis of AlSiCp Composite Disc Brake, International Journal of

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Computational Engineering Research.Vol.07 Issue.02 February – 2017 ,pp 29-33

Conferences:

1. Y V N Chandana, "Stress analysis of a Ball Grid Array Package using Finite Element Methods" ICRAITMS-2021, 19th and 20th March 2021, Hyderabad.

2. YVN Chandana," Drop Test analysis of Ball Grid Array Package Using Finite Element Methods" ICAMIS-2022, 18th and 19th February 2022, Hyderabad.

Events Organized:

FDPs/STTPs:

1. Co-ordinator for one week Online Short Term Training Program (STTP) on "Recent Advances in Micro Electro Mechanical Systems(MEMS), Mechatronics and their Applications for future challenges" Slot-3 held from 24-29 August 2020.

Events Attended:

FDPs/STTPs:

1. ATAL Academy online FDP on "Sustainable Engineering" from 25-01-2021 to 29-1-2020

2. Attended AICTE sponsored one week online short term training program "Recent Advances in Design and Development of Mechatronics and Robotic Systems" organized by Mechanical Dept, MGIT from 02-11-2020 to 07-11-2020.

3. Two weeks Faculty Development Program, sponsored by AICTE, on "Recent Advances in Design and Development of Mechatronics and Robotic Systems" organized by MGIT from 4th to 16th December 2017

4. Two week Faculty Development Program on "Effective Teaching and Learning" and Skill Enhancement Program" at K.G.Reddy College of Engineering and Technology during 14th -26th May 2018

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

1. One-day workshop on "Significance of MATLAB in applications of emerging technologies" held on 26th June 2019 at CBIT.

2. One-day National seminar on "Teacher as Performer" held on 21st December, 2018 at MGIT

3. Five-day Workshop conducted in MGIT on "Faculty Enablement Program on Fusion 360" by AUTODESK during December 2016

Online Certifications:

1. NPTEL Course on "Manufacturing of Composites" during Aug-Oct 2019 with Elite-Gold certificate

2. NPTEL Course on "Processing of Polymers and Polymer Composites" Jan-March 2020

3. Coursera- Introduction to Engineering Mechanics during May 2020

4. Coursera - Data Science Math Skills during June 2020
5. Coursera- AI for everyone May 2020

Any Other Contribution:

1. Project guidance for UG students.
2. On-line FDP's attended: 20
3. On-line webinars attended: 20

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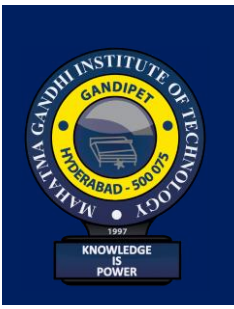- Industry -05

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