

RESUME

CHINTA MURALI

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Work Experience:

Working as Assistant Professor in the Department of Mechanical Engineering of Gayatri Vidya Parishad College for Degree and PG Courses (A), Andhra Pradesh from 2018 to till today.

Academic Qualification:

- M.Tech. in CAD/CAM Specialization – First Class
JNTU Kakinada – 2017
- B.E in Mechanical Engineering – First Class
Andhra University – 2015

Technical Skills:

- Solidworks 2021
- ANSYS 2024
- Mastercam
- CATIA V5 R20
- 3D Printing
- AutoCAD
- Hands on experience on Deform 3D, Minitab, MS Office softwares

Publications:

- Ch. Murali and P.V. Vinay “**Effects of Sol-gel Processed Al₂O₃ as a Lubricant on Machining Parameters of Al-6063**”, Recent Patents on Mechanical Engineering, 2024 (Article in Press)
- Vinay P.V., Murali Ch, “**Investigation on the Influence of MQL on Machining Parameters During Hard Turning of AISI316L**”, *Recent Advances in Mechanical Engineering, Lecture Notes in Mechanical Engineering*, 2023, pp 253-262.
- R. Siddhardha, Ch. Murali, “**An Experimental Investigation towards Optimizing the Geometry and Material of Vortex Tube**”, *Journal of Thermal Engineering and Applications*, Vol. 6, pp. 01-06, Sep- 2019.
- Ch. Murali, Dr. Sanjay Kumar. “**Effect of Pulse Frequency and Wire Feed Rate on Grain Size and Penetration of Weld Bead in Double Pulse GMAW**”, *International journal of engineering technology science and research*. ISSN 2394-3386, Sep-2017, pp: 1211-1216.

Subjects Taught and Labs Handled:

- CAD/CAM
- Unconventional Machining Processes
- CAD Lab
- Manufacturing Processes
- Metrology
- Manufacturing Technology Lab I & II
- Metal Cutting and Machine Tools
- Engineering Graphics
- Engineering workshop
- Production Drawing