

Profile

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| Name of the Faculty | Dr. A.S. MADHUSUDHAN RAO |  |
| Designation | Professor & Dean SA | |
| Department | Freshmen Engineering, Physics | |
| Area of Interest | Material Science | |
| Subjects Taught | Quantum Mechanics, Fiber Optics, Solid State Physics, Semiconductor Devices etc. | |
| JNTUH Registration Id | 5870-161209-160733 | |
| College Staff Code | SC1833 | |
| Official Mail | drmadhu.fe@gcet.edu.in | |

Educational Qualifications:

| S. No. | Degree | Specialization | University/College | Year |
|--------|--------|------------------|---------------------|------|
| 1 | Ph.D | Material Science | Kakatiya University | 2014 |
| 2 | M.Sc | Physics | Kakatiya University | 1993 |
| 3. | B.Sc | M.P.C | Kaktiya University | 1991 |

Publications Details :

| S. No. | Publication details |
|--------|---|
| 1. | Density and Thermal Expansion of Manganosite, Journal of Nanotechnology Perceptions, Vol. 20, No.6, 2024. |
| 2. | An Experimental Study on γ -Radiation Attenuation in Tungsten, Journal of Chemical Health Risks, 14(2) 2024, |

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| | pp.279-284. |
| 3. | γ - Photon Attenuation Study on CaF ₂ , Materials Today Proceedings, Volume 92, Part 2, 2023, Pages 1273-1276. https://doi.org/10.1016/j.matpr.2023.05.376 |
| 4. | Dielectric studies of Ba _x Pb _{1-x} (NO ₃) ₂ single crystals for optoelectronic applications, Materials Today Proceedings, Volume 92, Part 2, 2023, Pages 1493-1496. https://doi.org/10.1016/j.matpr.2023.05.705 |

Experience:

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| Teaching | 32 Years |
| Industry | - |
| Research | 17 Years |
| Total Experience | 32 Years |