

Profile

Name of the Faculty	Dr Siddoju Rajesham	 Photo
Designation	Assoc. Prof.	
Department	Freshman Engineering	
Area of Interest	Material Science	
Subjects Taught	Applied Physics, Engg Physics, Solid State Physics, Physics for Engineers, Semiconductor Devices.	
JNTUH Registration Id	68150401-110844	
College Staff Code	SC0508	
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Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D.	Material Science	Osmania University	2024
2	M.Sc.	Physics	OUCS, Osmania University	2006
3	B.Sc.	M.P.Cs.	AVV Degree College, KU	2002

Publications Details :

S. No.	Publication details
1	Impact on Structural and Radiation Shielding Features of 60B2O3-20CdO-5Al2O3-(15-x) CaF2-xMoO3, Rajesham Siddoju, Chandrasekhar M, Chandra sekhar Kotagiri, Shankar Jakkula, J Anjaiah and Sivakumar J, https://iopscience.iop.org/journal/2162-8777 , DOI 10.1149/2162-8777/add377 .
2	Physical and microstructural properties of Ba1-xSrxTiO3 ceramics with heat treatment, Ceramics International, Volume 51, Issue 5, 2025, Pages 6506-6514, ISSN 0272-8842, https://doi.org/10.1016/j.ceramint.2024.12.094 .
3	Synthesis, physical, optical and structural studies of B2O3-CdO-Al2O3-PbF2 glasses modified with MoO3 ions. Article DOI: 10.1007/s11082-022-03874-7 .
4	Impact of MoO3 on physical and spectroscopic (optical, FTIR, Raman and EPR) studies of B2O3-CdO-Al2O3-ZnF2 glasses for optical and shielding applications. https://doi.org/10.1016/j.ijleo.2022.170241 .
5	Physical and optical properties of MoO3 doped B2O3-CdO-Al2O3-CaF2 glasses. https://doi.org/10.1016/j.matpr.2023.06.062 .
6	Ultrasonic velocity studies in pure and adulterated edible oils. https://doi.org/10.1063/5.0145830 .
7	Solid State Root Preparation, Characterization and Electrical Properties of NiCuZnFe2O4/Paraformaldehyde Nanocomposites. http://dx.doi.org/10.1088/1742-6596/1495/1/012004 .

Experience:

Teaching	18 Years
Industry	
Research	5 years
Total Experience	18 Years