

Profile

Name of the Faculty	Dr V Kamalaker	
Designation	Associate Professor	
Department	FE [Physics]	
Area of Interest	Material Science, Spectroscopy	
Subjects Taught	Engg Physics, Applied Physics, Solid state Physics, Semiconductor devices	
JNTUH Registration Id	21150405-195928	
College Staff Code	SC1965	
Official Mail	Drvkamalaker.fe@gcet.edu.in	

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D	Material Science	OU	2010
2	MSc	SSP	HCU	2002
3	BSc	MPC	APRDC-SILVER JUBILEE GOVT DEGREE COLLEGE, KNL	2000

Publications Details :

S. No.	Publication details
1.	Infrared, ESR and optical absorption studies of Cu ²⁺ ions doped in TeO ₂ -ZnO- NaF Glass system
2.	Raman, thermal and optical properties of TeO ₂ -ZnO-Nb ₂ O ₅ -Nd ₂ O ₃ glasses
3.	The structural and spectroscopic investigations of ternary tellurite glasses doped with copper
4.	Infrared Spectroscopic Characterization of Tellurite Glasses Containing Heavy Metal Oxides
5	ESR, Infrared and optical absorption studies of Cu ²⁺ ion doped in 60B ₂ O ₃ - 10TeO ₂ - (30-x)MO-xPbO (M = Zn, Cd) glasses
6	ESR, Raman, Infrared and optical absorption studies of Cu ²⁺ ion doped in 60B ₂ O ₃ - 10TeO ₂ -24R ₂ O-5TiO ₂ :1CuO (where R=Li, Na, K) glasses.
7	X-RD, SEM, FT-IR, DSC Studies of Polymer Blend Films of PMMA and PEO <i>Materials Today: Proceedings 3 (2016) 3713–3718</i>
8	Influence of Nb ⁵⁺ and La ³⁺ ions on physical properties of the Quaternary TeO ₂ -ZnO-Nb ₂ O ₅ -La ₂ O ₃ glass system

Experience:

Teaching	20 Y
Industry	NIL
Research	4 Y
Total Experience	24