

Publication Data 2025-2026

S.No	Name of the Faculty	Title of the Paper / Book	Name of the Journal/Conference/ Publisher	SCIE/ Scopus	Year
1.	DR. SK. FAKRUDDIN BABAVALI	Physicochemical analysis on molecular interactions in binary liquid mixtures at various temperatures and correlation with the Jouyban‐Acree model	Physics and Chemistry of Liquids	Scopus	20-08-2025
2.	DR. SK. FAKRUDDIN BABAVALI	Physicochemical characterisation of 1,3-propanediol with quaternary ammonium salt–3-amino-1-propanol deep eutectic solvents: effects of temperature and cation–anion variation	Physics and Chemistry of Liquids	Scopus	04-09-2025
3.	DR. SK. FAKRUDDIN BABAVALI	Investigation of the optical , Thermal, Dielectric, Electric and Impedance features of Zinc - Doped Urea-L-Malic crystals	Physics of the Solid State	Scopus	16-09-2025
4	DR. KSKR CHANDRA SEKHAR & Dr. G. SRIDEVI	Investigation of Electrocaloric Effect and Scaling Behavior with Correlation of Structural, Electrical, and Impedance Properties in Sn-Substituted NBT–BT Ceramics near MPB	Physica B: Condensed Matter	SCIE	15-09-2025

5.	DR. KSKR CHANDRA SEKHAR	Structural, microstructural, and magnetoelectric coupling in La/Nb- substituted Aurivillius Nb- BLTNFC Ceramics: Implications for energy storage and charge transport	Ceramic International	SCIE	01-10-2025
6.	DR. P. NARESH	Comprehensive study on PbO–MO (M = Mg, Zn, Cd)–As ₂ O ₃ :Tm ₂ O ₃ glasses physical and optical properties	Materials Physics and Mechanics	Scopus	19-12-2025
7.	DR. P. NARESH	Interpretation of Macroscopic and Microscopic optical properties of Sm ³⁺ doped ZnF ₂ -PbO-B ₂ O ₃ glass systems	Materials Physics and Mechanics	Scopus	18-03-2026
8.	Dr. P. NARESH	Physical Properties of the CaF ₂ -P ₂ O ₅ -MoO ₃ Glass System	Voprosy khimii i Khimicheskoi tekhnologii	Scopus	15-10-2025

Patents 2025-2026

S.No	Name of the Faculty	Status	Total Number of Authors	Title of the Invention	Application Number	Date of Filing (dd-mm-yyyy)	Date of Publication (dd-mm-yyyy)
1	Dr. K. NARENDRA	Published		Thermodynamic and thermoacoustic characterization of binary liquid mixtures of the green solvent furfuryl alcohol with ethylene, diethylene and triethylene glycols	202541114094		09/01/2026
2	DR. P. NARESH	Granted		Solar Panel Energy Generation Monitoring Device	6457593		17/07/2025