FACULTY OF SCIENCE

Department of Physics

S.NO	NAME	AREA OF RESEARCH	LINK
1	Dr. G. RAVI Senior Professor of Physics Assumed as a Vice-Chancellor	• Crystal growth of organic&inorganic materials • Nano materials synthesis and Thin Films preparation for supercapacitors, Photocatalytic, sensor and solar cell applications • Opto-electronics and E-O modulator –Devices	https://alagappauniversity.ac.in/academics/faculty-of-science/school-of-physical-sciences/docs/11403.pdf
2	Dr.K.Sankaranarayanan SENIOR PROFESSOR	• Materials Science • Crystallization kinetics of organic and inorganic materials. • Unidirectional growth of bulk organic and inorganic crystals • III-V Semiconductor materials – synthesis and growth.	https://alagappauniversity.ac.in/academics/faculty-of-science/school-of-physical-sciences/docs/11402.pdf
3	Dr.M.SIVAKUMAR Professor	• Solid State Ionics, Lithium Electrodes and Electrolytes, Sodium and Sulfur electrodes, Supercapacitors, Redox Flow Batteries, Biodiesel, Crystal Growth.	https://alagappauniversity.ac.in/academics/faculty-of-science/school-of-physical-sciences/docs/11404.pdf
4	Dr. N. ANANDHAN Associate Professor Department of Physics	• Materials Science of ThinFilms. • Thin films for devices (Energy: DSSCs, PSCs, Supercapacitor; Sensor; Heavy metal sensors), • Bionanomaterials and	https://alagappauniversity.ac.in/academics/faculty-of-science/school-of-physical-scie

		• Bioactive Thin films for Biomedical Applications.	nces/docs/11503.pdf
5	Dr.R. SUBADEVI Assistant Professor	• Solid State Ionics • Energy Storage Materials Bio-diesel	https://alagappauniversity.ac.in/academics/faculty-of-science/school-of-physical-sciences/docs/11408.pdf
6	Dr. M. RAMESH PRABHU Assistant Professor	• Fuel cells - Nanofiller modified polymeric membrane with remarkable mechanical strength and proton conductivity for proton exchange membrane fuel cel • Battery - Study on the physical and chemical properties of electrolyte and intercalation cathodes for high performance rechargeable magnesium batteries. • Supercapacitor - Investigation on transition metal dichalcogenides based ternary nanocomposites for high performance supercapacitor application.	https://alagappauniversity.ac.in/academics/faculty-of-science/school-of-physical-sciences/docs/11407.pdf
7	Dr. R. YUVAKKUMAR Assistant Professor	• Preparation of suitable catalysts for energy-related and waste-water treatment applications. • Supercapacitors, Water splitting, Photocatalytic dye degradation, Hydrogen generation, Nanomaterials, Thin Films.	https://alagappauniversity.ac.in/academics/faculty-of-science/school-of-physical-sciences/docs/11504.pdf

8	Dr. S. SUDHAHAR Assistant Professor	• Crystal Growth (Nonlinear and Ferroelectric Materials) Thin Films and • Nanomaterials (Supercapacitor and Biomedical applications)	https://alagappauniversity.ac.in/academics/faculty-of-science/school-of-physical-sciences/docs/11505_250626.pdf