

RESEARCH ACTIVITIES – (2025-2026)

Guide Details:

Photo and Name	 Dr M. Charles Robert
Staff ID	TNMK021T33
Qualification	M.Sc., MPhil., PhD., CSIR-NET, PGDCA
Designation & Department	ASSOCIATE PROFESSOR and RESEARCH DEAN (Physics)
Guideship Number	1688
Specialization	X-ray crystallography & Materials Research
Email ID	jothycharles@gmail.com/charles@hkrhc.ac.in
ORCID Link	M. Charles Robert (0000-0001-9339-1933) - My ORCID
Google Scholar Link	Dr. M Charles Robert - Google Scholar
Scopus ID Link	Robert, Muthaian Charles - Author details - Scopus Preview
Number of Scholars completed	1
Number of Ph.D. Scholars Pursuing	6

Sl. No .	Name of the scholar	College Roll number	University Register number	Date of Registration	Title of thesis	Current status of Research
1	M. Thavarani		P5467	06.10.2018	Synthesis, structural and electronic charge characterization of some technologically important ferrites	Awarded
2	K. Kamalaveni		P5465	06.10.2018	Hydrothermal synthesis and structural characterization of some stannous sulfide based dilute magnetic semiconductors	Pursuing
3	S. Balaji Prasath		MKU21FFOS10214	29.11.2021	Physical and Electron Density Distribution Analysis of some double doped Dilute Magnetic Materials	Pursuing
4	N. Abinaya		MKU21PFOS10229	09.12.2021	Room temperature Ferromagnetism and Charge density analysis of some rare earth metal doped spinel ferrites	Pursuing
5	N. Pavithra		MKU22PFOS10532	06.06.2022	Room temperature magnetism, local structure and charge density analysis of some	Pursuing

					Dilute Magnetic Materials	
6.	K. Kaviyapandimeena		MKU22FFOS10533	06.06.2022	Synthesis, magnetic characterization and micro structural analysis of some SnO ₂ based Dilute Magnetic Semiconductors	Pursuing
7.	M. Sangareswari		MKU24FFOS11486	01.05.2024	Magnetically separable, sunlight driven photodegradation analysis and energy gap engineering in some Spinel Ferrites/SnS ₂ /Eg shell composites	Pursuing