

List of Completed R&D projects

Sr.No	CI/PI/Coordinator	Title	Cost (in Rs)	Duration	Agency
1.	PI	Studies on microwave dielectric ceramics and their device applications.	31.72 Lacs	2013-16	DST
2.	Co-coordinator	Departmental SAP project	53 Lacs	2011-2016	UGC
3.	Collaborator	Study of Physico-Technological Principles of Preparation of New Magnetic Nanostructures for Multifunctional Biomedical Applications	9 Lacs	2012-14	DST-RFBR
4.	PI	Studies on ferromagnetic- ferroelectric composites and their electronic applications.	17.67 Lacs	3 years (2009-2012)	DST
5.	PI	Effect of ion implantation and gamma irradiation on wide band gap semiconductors	4.31 Lacs plus TA when required	3 years (2009-2012)	UGC-DAE CSR- Kolkata Centre
6.	PI	ESR study of magnetic homogeneity in thin films of colossal magnetoresistive manganites.	4.89 Lacs	3.5 years (2006-2009)	UGC
7.	PI	High Pressure Investigations on Oxide Superconductors to obtain higher T_c .	3.825 Lacs	3 years (2002-2005)	UGC
8.	CI	Development and Characterization of thin film thermocouples for the aerospace applications.	10.86 Lacs	3 years (2004-2007)	ISRO

Research collaborations

International collaborations: Dr. S. Keshri has collaboration with the group members of

- Prof. A. S. Kamzin, Russian Academy of Sciences, Ioffe Physical Technical Institute, St. Petersburg, Russia.
- Prof. N. Perov, Moscow State University, Russia
- Prof. A. K. Yahya, University Technology of Mara, Malaysia.
- Prof. Jan Petzelt, Institute of Physics, Acad. Sci. Czech Rep., Na Slovance 2, Czech Republic.
- Dr. Piotr Wiśniewski, Magnetic Research Division, Institute of Low Temperature & Structure Research, Polish Academy of Sciences, Poland.
- Dr. V. F. Kraidenov of the Institute of High Pressure Physics of Russian Academy of Sciences, Troitsk, Moscow.

National collaborations:

- Dr. S. Keshri has collaboration with UGC-DAE Consortium for Scientific Research, Kolkata & Indore; IUAC, New Delhi; etc.