






Ph.D. (Pursuing)

S. No	Name of the Scholar	Title of the Thesis	Photo	Expertise
1.	Mr. L. Govindaraj	<i>Charge-Density wave and superconductors</i>		Charge-Density wave and superconductors
2.	Mr. M. Sathiskumar	<i>Pressure effect on Superconductors</i>		Superconductors
3.	Mr. S. Muthukumaran	<i>High pressure Structural and Transport properties of Skutterudite Superconductors</i>		<i>Skutterudite Superconductors</i>
4.	Mr. S. Rajkumar	<i>Synthesis and characterization of novel high T_c superconductors under extreme conditions of High pressure, high magnetic field and low temperature</i>		Charge-Density wave.
5.	Mr. D.R. Giri	<i>Pressure effect on superconductors</i>		Superconductors

6.	Mr. S. Surendhar	<i>Synthesis and characterization of new superconductors and investigation of structural, transport and magnetic properties under the extreme conditions of High pressure, high magnetic field and low temperature</i>		Superconductor
7.	Ms. J. Jerries Infanta	<i>Investigation on oxide and non-oxide transition metal fluoride materials for supercapacitor application</i>		Energy Storage (Supercapacitor)
8.	Mr. R. Jagadeesh	<i>New approaches on two dimensional materials based super capacitor for energy store devices</i>		Energy Storage (Supercapacitor)
9.	Mr. M. Thiagarajan	<i>Shock wave effects on properties of strongly correlated materials</i>		Superconductors
10.	Ms. M. N. Sathea Suweatha	<i>Pressure effect on physical properties of strongly correlated materials</i>		Superconductors

Ph.D. (Completed)

S. No	Name of the Scholar	Title of the Thesis	Submitted/ Awarded	Name of the University	Month & Year
1.	Dr. M. Kannan	<i>Investigation on transport magnetic and magnetocaloric properties of Heusler alloys</i>	Awarded	Bharathidasan University, Tiruchirappalli	Aug 2022
2.	Dr. C. Saravanan	<i>Investigation of magneto- and baro-caloric effects on RE and Mn-site doped perovskite manganites under extreme conditions of high pressure, low temperature and high magnetic field</i>	Awarded	Bharathidasan University, Tiruchirappalli	Oct. 2020
3.	Dr. K. Manikandan	<i>Influence of pressure on the transport, magnetic, superconducting and flux pinning properties of $Sr_{0.1}Bi_2Se_3$, M_xNbSe_2 (Fe, Cr, Zn and V) and $Fe_{1.09}Se_{0.55}Te_{0.45}$ single crystals</i>	Awarded	Bharathidasan University, Tiruchirappalli	Apr. 2021
4.	Dr. P. Sivaprakash	<i>Investigation on Ni-Mn based Heusler alloy materials for magnetocaloric and transition metal difluorides for supercapacitor applications.</i>	Awarded	Bharathidasan University, Tiruchirappalli	Mar. 2021
5.	Dr. N. Subbulakshmi	<i>Pressure effect on strongly correlated systems</i>	Awarded	Bharathidasan University, Tiruchirappalli	July 2020
6.	Dr. G. Kalai Selvan	<i>External Pressure effect on magnetic and transport properties of Fe based and BiS_2 based superconducting materials</i>	Awarded	Bharathidasan University, Tiruchirappalli	Mar. 2017
7.	Dr. U. Devarajan	<i>Investigation on structural, transport, magnetic and thermal properties of Heusler alloys under extreme conditions</i>	Awarded	Bharathidasan University, Tiruchirappalli	Aug. 2016
8.	Dr. M. Kanagaraj	<i>Pressure effect on iron based superconducting materials</i>	Awarded	Bharathidasan University, Tiruchirappalli	Mar. 2015
9.	Dr. R. Thiyagarajan	<i>Investigation on magnetic, transport and critical behaviour of perovskite and bilayer manganites under extreme conditions of high pressure, low temperature and high magnetic field</i>	Awarded	Bharathidasan University, Tiruchirappalli	Sep. 2014
10.	Dr. D. Mohan Radheep	<i>Uniaxial and hydrostatic pressure effects on transport and magnetic properties of few Spin Ladders and perovskite Manganite single crystals</i>	Awarded	Bharathidasan University, Tiruchirappalli	Apr. 2014
11.	Dr. S. Esakki Muthu	<i>Investigation on structural, magnetic, magnetocaloric and transport properties of Ni-Mn based Heusler alloys under high pressure, low temperature and high magnetic field</i>	Awarded	Bharathidasan University, Tiruchirappalli	Sep. 2013

12.	Dr. A. Murugeswari	<i>Investigation of transport properties of manganites under high pressure, low temperature and high magnetic field</i>	Awarded	Bharathidasan University, Tiruchirappalli	Aug. 2010
13.	Dr. K. Mydeen	<i>Effect of uniaxial and hydrostatic pressure on transport and magnetic properties of some colossal magneto resistive single crystals</i>	Awarded	Bharathidasan University, Tiruchirappalli	Aug. 2008
14.	Dr. N. Manivannan	<i>Development of dc SQUID vibrating coil magnetometer (SVCN) for dc-susceptibility and uniaxial pressure device for ac susceptibility measurements</i>	Awarded	Bharathidasan University, Tiruchirappalli	2007
15.	Dr. T. K. Madhubala	<i>Fuzzy and Neuro-Fuzzy control techniques for the control Liquid level in a conical tank</i>	Awarded	Bharathidasan University, Tiruchirappalli	2005

Co-Guide

S. No	Name of the Scholar	Title of the Thesis	Submitted / Awarded	Name of the University	Month & Year
1.	Dr. Tamilmani	<i>Density Functional Theory Studies on Zeolite Encapsulated Transition Metal Complexes</i>	Awarded	Bharathidasan University, Tiruchirappalli	2019
2	Dr. T. Jayakumar	<i>Synthesis, structural, spectra and magnetic synthesis of some ferrite nano particles</i>	Awarded	Bharathidasan University, Tiruchirappalli	2021