



SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)

Ph.D Supervisor Details

1. Name of the Faculty:	Dr. M. Muthukrishnaveni
2. Designation:	Associate Professor
3. Department:	Science and Humanities (Physics)
4. Anna University Ref. No. for Supervisor Recognition:	3070064
5. Title of Ph.D. Thesis:	Theoretical Investigations on Doped Semiconductor and Low Dimensional Nano Semiconductor Systems.
6. Faculty in which Ph.D was awarded:	Physics
7. Area of Specialization in Ph.D:	Semiconductor & Nano
8. Year of Ph.D Completion:	2017
9. Year of got Supervisor Recognition:	2017



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10. List of Journals papers published:

Sl. No.	Author's	Title of the Paper	Name of the Journal	URL of the Journal Home Page	Volume, Issue no & Year of Publication	ISSN No.	DOI No.
1.	M.Muthukrishnaveni, N.Srinivasan	Mott criterion for Metal- Insulator Transition in doped semiconductors in an intense magnetic field	International Journal of Phase Transitions (Taylor & Francis)	https://www.tandfonline.com/doi/abs/10.1080/01411594.2011.604836?journalCode=gph20	Vol.85, No.5, 391-399	2012	1.026
2.	M.Muthukrishnaveni, N.Srinivasan	Electron – electron interaction and Metal – Insulator transition in Doped Semiconductors under intense magnetic fields.	International Journal of Phase Transitions (Taylor & Francis)	https://www.tandfonline.com/doi/full/10.1080/01411594.2015.1041951	Vol.88, No.12, 1174 – 1180	2015	1.026
3.	M.Muthukrishnaveni, N.Srinivasan	Magnetic field dependent polarizability and electric field dependent diamagnetic susceptibility of a donor in Si.	Applied Physics A Materials Science & Processing (Springer)	https://link.springer.com/article/10.1007/s00339-016-0315-1	Vol.122 No.9 1-6	2016	1.54



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11. Ph.D Research Scholars Details:

Sl.No	Reg. No	Name	Faculty	Reg. Year	Present Status	If completed, Year of Completion	Title of Thesis	No. of Journals Published	Thesis Copy*
1.	Nil								