



SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY
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Ph.D Supervisor Details

1. Name of the Faculty:	Dr.V.Chitra
2. Designation:	Professor
3. Department:	Department of Science Humanities -Physics
4. Anna University Ref. No. for Supervisor Recognition:	Ref. No. 2870096
5. Title of Ph.D. Thesis:	Fabrication and Characteristics of Pulse Electrodeposited CIS and CIGS Nano Crystalline Thin Films.
6. Faculty in which Ph.D was awarded:	Physics, Science and Humanities
7. Area of Specialization in Ph.D:	Thin Films - Solar Cell, Nanotechnology
8. Year of Ph.D Completion:	July 2015
9. Year of got Supervisor Recognition:	October 2016



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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.	V.Chitra, S.Vasantha,K.R. Murali.	Structural, optical, electrical and photo conducting properties of pulse plated Copper Gallium Selenide Films	Composites Part B: Engineering	www.elsevier.com/locate/compositesb	Vol. 58 & March 2014 (Annexure I) S.No.2504 IF : 2.143	ISSN 1359-8368	https://doi.org/10.1016/j.compositesb.2013.10.046
2.	V.Chitra, S.Vasantha, K.Ananthi.	Photo electrochemical behaviour of Copper Indium Selenide thin Films	Advanced Materials Research	www.scientific.net/AMR.678.343	Vol. 678 & March 2013 (Annexure II) S.No.416 IF 0.142	ISSN1662-8385	doi:10.4028/www.scientific.net/AMR.678.343
3.	K.Ananthi, S.Dhanpandian, N.Muthukumarasamy, K.Thilagavathy,V. Chitra.	Deposition of CdSe Films by Pulsed Galvano static electro Deposition and their properties	Advanced Materials Research	www.scientific.net/AMR.678.144	Vol. 678 & March 2013 (Annexure II) S.No.416 IF :0.142	ISSN1662-8385	doi:10.4028/www.scientific.net/AMR.678.144
4.	Chitra. V, Vasantha. S	Pulse Plated CuInGaSe ₂ Thin Films And Their Characteristics	International Journal of Mechanical Engineering and Technology (IJMET)	http://www.iaeme.com/IJMET/index.asp	Volume 9, Issue 13, pp. 182–191& December 2018 IF : 9.2286	ISSN Print: 0976-6340 ,ISSN Online: 0976-6359	http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=9&IType=13
5	K.Ravi, V.Chitra	"Characteristics of lead selenide (PbSe) thin films deposited by CBD"	Emerging Interfaces of Physical Sciences and	Scitation.org/Journal/apc	Vol.2224 Issue 01& 2019	ISBN: 978 07354198 34	https://printorders.aip.org/proceedings/2224



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			Technology - AIP				
6	K.Ravi, V.Chitra	"Structural and surface morphology of chemical bath deposited lead selenide (PbSe) thin films"	The journal Materials Science and Engineering	https://iopscience.iop.org/article/10.1088/1757-899X/932/1/012133/meta	Vol. 932 & 2020 IF : 0.48	ISSN: 17578981, 1757899X Online ISSN: 1757	doi:10.1088/1757-899x/932/1/012133
7	V. Chitra, S.Ramachandran , V.Anandaraj	Determination of specific wear rate of steel coated with tungsten carbide using Taguchi technique for textile applications"	Materials Today: Proceedings	https://www.sciencedirect.com	Vol. 47, part14 pp 4558-4561 & 2021 IF : 1.46	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2021.05.425
8	V. Chitra S.Ramachandran , V.Anandaraj	Experimental analysis on hardness of textile steel components with tungsten carbide coatings"	Materials Today: Proceedings	https://www.sciencedirect.com	Volume 47, Part 14, pp 4562-4565 & 2021 IF : 1.46	ISSN 2214-7853	https://doi.org/10.1016/j.matpr.2021.05.426
9	K. R. Murali, V. Chitra	Properties of Pulse Electrodeposited CuInGaSe ₂ Films	The Electrochemical Society - Transactions	https://iopscience.iop.org/article/10.1149/06931.0015ecst/meta	Volume 69, Issue 31, Page 15-20 & 2015	-	DOI 10.1149/06931.0015ecst
10	V.Chitra, S.Vasanth, K.R.Murali	Pulse Electrodeposited CuGaSe ₂ Films and Their Properties	The Electrochemical Society - Transactions	https://iopscience.iop.org/article/10.1149/1.4718397	Boston, MA" Volume 41, Number 44, "Electrodeposition of Nano engineered	-	DOI 10.1149/1.4718397



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					Materials and Devices 4", from the Boston, MA Meeting &2012		
11	K.R.Murali, V.Chitra , S.Vasantha	Pulse Electrodeposited Copper Indium Selenide Films	The Electrochemical Society - Transactions	https://iopscience.iop.org/article/10.1149/MA2011-01/26/1546/meta	ECS Meeting, Montreal QC, Canada & 2012	-	DOI 10.1149/MA2011-01/26/1546

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.	18147691179	Ravi K	Science - Physics	JAN - 2018	Course Work Completed	-	-	-	-