

School of studies in Electronics and Photonics
Pt. RavishankarShukla University Raipur (C. G.)
July 2016 – June 2021

Ph. D. Degree Awarded/On-going
(Research Center: School of studies in Electronics and Photonics)

S. No.	Name of Research Scholar	Title	Year of Awarded/On going	Name of Supervisor/ Co- Supervisor	Status
1.	Rashmi Swami	Simulation & Analysis of Device Characteristics of Bilayer Organic Solar Cells	August 2016	Dr. Sanjay Tiwari	Awarded
2.	Shubhra Mishra	AC thin film electroluminescent devices with rare earth doped SrS	April 2017	Dr. Sanjay Tiwari	Awarded
3.	Swati Sahu	Development of High Efficiency Low Cost Dye Sensitized Solar Cells.	October 2018	Dr. Sanjay Tiwari	Awarded
4.	Rajesh Kumar	Development of unified Model	September	Dr. Sanjay Tiwari	Awarded

	Awasthi	for Charge Carrier Transport in Organic Semiconductor based Devices	2018		
5.	KrishanJibonMondal	Investigations On Magnetoresistive Random Access Memory	September 2018	Dr. Sanjay Tiwari	Awarded
6.	Mohan Patel	Design and Optical Simulation of Nano-Crystalline Quantum Dot Solar Cells	February 2019	Dr. Sanjay Tiwari	Awarded
7.	Vikrant Singh Thakur	Advanced Transformed coding for Efficient Image and Video Compression : A Quantitative Approach	December 2019	Dr.Kavita Thakur	Awarded
8.	Mohua Singh	Theoretical studies on the transient behavior of pulsed electroluminescence of small molecule fluoroscent organic	August 2020	Dr. Sanjay Tiwari	Awarded

		light emitting diodes			
9.	Anil Kumar Verma	Modeling and Fabrication of Bulk Hetero-Junction (BHJ) Organic Solar Cells	December 2020	Dr. Sanjay Tiwari	Awarded
10.	Yogesh Kumar Dongre	Development of Lead-free Organic-Inorganic Tin Halide Perovskites Solar Cell for Photovoltaic Applications RDC letter No. 5536/Acad/Ph.D./2017 dated 01/01/2018	October 2016	Dr. Sanjay Tiwari	On going
11.	Sunandan Mandal	Machine Learning Approaches For Electroencephalogram (EEG) Based Brain Computer Interface (BCI): Applications In Cognitive State Classification RDC letter No. 5536/Acad/Ph.D./2017 dated 01/01/2018	October 2016	Dr. Kavita Thakur PRSU, Raipur & Dr. Bikesh Kumar Singh, Deppt. Biomedical Engineering, NIT Raipur	On going

12.	Naman Shukla	Investigations on Device Modeling, Design and Characterization of High Performance Organic and Hybrid Perovskite Solar Cells RDC letter No. 2107/Acad/Ph.D./2020 dated 04/02/2020	January 2018	Dr. Sanjay Tiwari	On going
13.	Gajendra Singh Rathore	Modeling, Simulation & Implementation of PV-battery Energy Storage Based System RDC letter No. 2107/Acad/Ph.D./2020 dated 04/02/2020	December 2018	Dr. Sanjay Tiwari PRSU, Raipur & Dr. Ramnarayan Patel, Electrical Engg, NIT Raipur	On going
14.	B. Gopal Krishna	Design And Development Of Efficient, Low-Cost And Stable Hybrid Perovskite Solar Cells RDC letter No. 2107/Acad/Ph.D./2020	September 2018	Dr. Sanjay Tiwari PRSU, Raipur & Dr. Dhriti Sundar Ghosh, Physics, NIT	On going

		dated 04/02/2020		Raipur	
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