

Research Colloquium
Department of Physics and Nanotechnology
Faculty of Engineering & Technology
SRMIST

Talks organized during July 2018 to April 2019

Sl. No	Names and address of the Speaker	Date	Title of the Talk
1.	Dr. Jaivardhan Sinha Research Assistant Professor, Department of Physics & Nanotechnology, SRMIST, Kattankulathur	4.07.2018	Electrical and Optical Investigation of Magnetization Dynamics of Materials for Spintronics and Magnonics Devices
2.	Himanshu Saini, Research Scholar Research Institute, SRM Institute of Science and Technology, Kattankulathur Department of Physics & Nanotechnology, SRM Institute of Science and Technology, Kattankulathur	11.07.2018	Interface Studies of 2D-Material for solar cell applications: A first principles study
3.	Mr. Saleem Ali Research Scholar SRM Research Institute & Department of Physics and Nanotechnology, SRMIST, Kattankulathur	18.07.2018	Observation Of Cirrus Clouds From Satellite And Ground Based Instruments
4.	Mr. Abdul Kaium Mia Research Scholar Department of Physics and Nanotechnology, SRMIST, Kattankulathur	25.07.2018	Influence of Gas Adsorption on Surface Photovoltage in Organic Molecules Functionalized ZnO Nanorods
5.	Dr. Tushar H Rana Assistant Professor Department of Physics and Nanotechnology, SRMIST,	01.08.2018	Magnetism in nanostructures: theoretical investigation of clusters and thin films

	Kattankulathur		
6.	Mr. Sam Richard Cornelious, Research Scholar, Department of Physics & Nanotechnology, SRMIST, Kattankulathur	29.08.2018	Study of defects in 1D and 2D photonic crystals
7.	Divya Catherin Sesu Research Scholar Department of Physics & Nanotechnology, SRMIST, Kattankulathur	05.09.2018	Low Density Three-Dimensional Metal Foams as Significant Electrocatalysts toward Methanol Oxidation Reaction
8.	Albina Y. Borisevich Oak Ridge National Laboratory, Oak Ridge, TN 37831, USA	12.09.2018	Advanced Imaging and Data Analysis to Uncover Atomic-Scale Physics and Enable Precision Patterning
9.	Alok Kumar Jain Research Scholar Department of Physics & Nanotechnology, SRMIST, Kattankulathur	19.09.2018	Ball mill syntheses of binary and ternary compound semiconductors for thin film solar cells applications
10.	Dr. Renilkumar Mudachathi Assistant Professor Department of Physics & Nanotechnology, SRMIST, Kattankulathur	26.09.2018	Structured electromagnetic materials for photonics applications
11.	M. Sarathbavan Research Scholar Department of Physics & Nanotechnology, SRMIST, Kattankulathur	03.10.2018	Effect of annealing temperature on the physical and magnetic properties of nickel ferrite (NiFe ₂ O ₄) nanoparticles prepared by co-precipitation method
12.	Dr. Surya K. Ghosh Assistant Professor Department of Physics & Nanotechnology, SRMIST, Kattankulathur	10.10.2018	Polymer physics approach to chromatin organization and Dynamics
13.	Manoj Kumar Thakur Research Scholar Atmospheric Science Research Laboratory	17.10.2018	Towards the better understanding of satellite rainfall over India and its adjoining oceans

	Department of Physics & Nanotechnology, SRMIST, Kattankulathur		
14.	Dr. Soumyajyoti Biswas Max Planck Institute for Dynamics and Self Organization, Göttingen, Germany	24.10.2018	Statistical physics of fracture and breakdown: Models and Forecasting
15.	G. Purnadurga Research Scholar Atmospheric Science Research Laboratory Department of Physics & Nanotechnology, SRMIST, Kattankulathur	31.10.2018	Studies on moisture recycling and atmospheric residence times over India
16.	M. Vivekanantha Research Scholar Department of Physics & Nanotechnology and SRM Research Institute, SRMIST, Kattankulathur-603203	02.01.2019	Enhanced Electrochemical Behavior of Li-rich Nanoparticles and its Application in Li-ion Battery
17.	Lathapriya Vellingiri Research Scholar Department of Physics & Nanotechnology SRMIST, Kattankulathur-603203	09.01.2019	Characterization and Hydrogen Storage properties of SnO ₂ functionalized MWCNT nanocomposites
18.	Dr. P. Suresh Assistant Professor Department of Physics & Nanotechnology SRMIST, Kattankulathur-603203	23.01.2019	Thermoelectrics: Materials to Devices
19.	R. Abinaya Doctoral Student Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur- 603 203, Tamil Nadu, India.	06.02.2019	Enhanced thermoelectric performance of layered MoS ₂ Nanostructures

	Graduate School of Science and Technology, Shizuoka University, Hamamatsu, Japan		
20.	S. Kavirajan Doctoral Student Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur- 603 203, Tamil Nadu, India. Graduate School of Science and Technology, Shizuoka University, Hamamatsu, Japan	13.02.2019	Synthesis of chalcogenides based materials for thermoelectric application
21.	R. Jagadish Research Scholar Department of Physics & Nanotechnology SRMIST, Kattankulathur-603203	20.02.2019	Light trapping methods, effect of texturing and Process optimization for area upscaling of surface texturing of quaternary Cu ₂ ZnSnSe ₄ solar absorber
22.	T.V Ramesh Reddy Research Scholar Department of Physics and Nanotechnology and SRM Research Institute, SRMIST, Kattankulathur-603203	13.03.2019	Characteristics of Thermal internal boundary layer over tropical coastal station, Chennai
23.	Jositta Sherine Assistant Professor Department of Physics and Nanotechnology, SRMIST, Kattankulathur-603203	27.03.2019	Organic ligand capping of CuI for enhanced electrical and ionic conductivity
24.	A. Aravindhavel Research Scholar Department of Physics & Nanotechnology SRMIST, Kattankulathur-603203	03.4. 2019	Variability and properties of tropospheric aerosol over a semi urban coastal station chennai
25.	M. V. Jyothirmani	10.4.2019	Searching of suitable cationic dopants for

	Research Scholar Department of Physics & Nanotechnology SRMIST, Kattankulathur-603203		CZTS/Se using First-Principles study
26.	Sandeep K. L. Assistant Professor Department of Physics and Nanotechnology, SRMIST, Kattankulathur-603203	24.04.2019	Particulate Semiconducting Nanomaterials for Solar Hydrogen Production via Photocatalysis