

List of Selected Participants

Ref/PMSR2020/01

Date: 04/01/2020

The list of selected participants for PMSR-2020 is as follows.

Abstract No.	Name	Delegate Type	Paper Title	Accommodation required	Address
101	Rajesh Rawat	Student	Solvents Effect on the Morphology and Stability of Cu/CuO Nanoparticles Synthesized at High Laser Fluence Ablation	Yes	Department of Physics, Sikkim University,
102	Dibya Jyoti Borah	Student	Investigation on the correlation of optical constants of MoO ₃ thin films with substrate temperature.	No	Material Science Laboratory, Department of Physics, Dibrugarh University
103	Nibedita Dehingia	Student	Ag nanoparticles enhanced photoluminescence from Pr ³⁺ in sol-gel silica glasses	No	Department of Physics Dibrugarh University
104	Rahul Chakraborty	Faculty	Perturbation analysis of dust acoustic waves in nonthermal dusty plasma	Yes	Maryam Ajmal Women's College of Science and Technology (Degree), Department of Physics, Hojai, Assam
105	Subrata Deb	Faculty	Effect of PH, Ionic Strength, Temperature on the Formation of J-aggregate of an Azo Dye Chromotrope "2R in LbL film: A Spectroscopic Study	Yes	Department of Physics, Women's College, Agartala
106	SUSMITA PAUL	Faculty	Investigation of magnetic properties of nickel doped TiO ₂ nanoparticles	No	C/O:Subhash Chandra Paul Station Road P.O and Dist:Karimganj
107	SAYANTIKA CHANDA	Student	DFT study of structural and electronic properties of Cd _x Zn _{1-x} Te hexagonal wurtzite (B4) ternary alloys using modified Becke-Johnson (mBJ) functional.	Yes	Tripura University, Suryamaninagar, West Tripura, 799022

108	Rahul Bhattacharjee	Faculty	Theoretical investigation of optical properties studies of lead chalcogenide by doping of alkaline earth elements Mg, Sr and Ba using DFT based FP-LAPW approach	Yes	Women's College, B.K. Road, Agartala, West Tripura, 799001
109	Ripa Paul	Student	FRET a versatile tool towards designing optical sensors	Yes	Tripura University, Suryamaninagar- 799022, West Tripura, India.
110	Debankita Ghosh	Student	First principle study of structural and opto-electronic properties of Zn _{1-x} -yBexMgySe quaternary alloys lattice-matched to GaAs	Yes	East Shibnagar, Town: Agartala P.O: Agartala College
112	Utpal Sarkar	Faculty	Structural, electronic and optical features of BexZn _{1-x} S, BexZn _{1-x} Se and BexZn _{1-x} Te alloys- a density functional based FP-LAPW study.	Yes	C/O:- FALU SARKAR VILL:- UTTAR RAMNAGAR, P.O:-BIMANGARH
113	Manish Debbarma	Student	Elastic properties of zinc-blende HgxZn _{1-x} Se alloys from theoretical calculations with density functional FP-LAPW approach	Yes	Tripura University, Suryamaninagar - 799022, Agartala, Tripura, India
114	Simi Debnath	Student	Study of the optical and magnetic properties of chemically synthesized nickel doped manganese Spinel ferrite (Mn-Ni Fe ₂ O ₄) nanocrystals	Yes	DHALESWAR ROAD NO 14, AGARTALA WEST TRIPURA, TRIPURA
115	Shyam Lochan Bora	Student	Use Of Machine Learning (ML) in Band Gap Prediction	No	Dept. of Physics, Dibrugarh University, Assam, India
116	Neelim Kumar Lahon	Student	Study of the effect of pH variation upon CuNi nanoparticles.	No	Dept. of Applied Sciences, Gauhati University, Jalukbari, Ghy-14
117	Bishwajit Boruah	Student	Density Functional Study of Hydrogen Adsorption on Transition Metal Doped Mg Clusters	No	Dept. of Physics, Dibrugarh University, Dibrugarh, Assam, India, 786004

118	Harkishan Dua	Student	DFT/TDDFT studies on PEDOT spacer based organic sensitizer for application in dye sensitized solar cells	Yes	Dept. of Physics, Assam University, Silchar,
119	Bhargab Borah	Student	Synthesis, Biological activity, DFT and Molecular docking study of metal complex biomolecule	No	Department of Physics North Eastern Regional Institute of Science & Technology (NERIST), Arunachal Pradesh, India
120	Shilpy Bhullar	Student	Mixed Phase Titanium Dioxide Nanoparticles Using Glacial Acetic Acid	Yes	Panjab University, Chandigarh
121	Ayush Vardhan Singh	Student	Magnetic Properties of Spin Ising Chain Manganocolumbite MnNb ₂ O ₆	Yes	Department of Physics, Indian Institute of Technology Guwahati,
122	Papori Seal	Student	Magnetic Hyperthermic response of PEG functionalized MWCNT/MnFe ₂ O ₄ Nanocomposite	Yes	Department of Physics NIT Nagaland, Chumukedima
123	APURBA DUTTA	Student	Ultra Low Loading Heterogeneous Catalyst towards the Synthesis of 2,3-Dihydroquinazolin-4(1H)-ones	No	Department of Chemistry Dibrugarh University
124	ANIRBAN GARG	Student	Silver nano-complex anchored on silica: A copper free route to 1,2,3-triazole synthesis	No	By Lane-I, Dowerah Chuk
125	Lipika Gogoi	Student	The Effect of Deposition Time on Optical and Structural Properties of Cd _{1-x} Zn _x S Thin Films Grown by CBD Method	No	Department of Physics, Dibrugarh University
126	Sayandeep Ghosh	Student	Magnetic Exchange Bias and Spin-glass state in Cobaltorthoruthanate	Yes	MTech Lab, Annex Buliding, IIT Guwahati
127	SUCHIT KUMAR JENA	Student	High Temperature Magnetization Studies of Mixed Spinel Cu _(1-x) Zn _(x) Fe ₂ O ₄	Yes	PHYSICS DEPARTMENT, IIT GUWAHATI,

128	Sudarshan Gogoi	Student	Supported Bilayer Lipid Membrane on an Integrated Porous Cushion: A Platform for Electrochemical Detection of Pore Forming Agents in Biological Membrane	Yes	Department of Chemical Sciences, Tezpur University
129	Shaona Das	Student	Electronic Structure Studies of [La _{0.7} Sr _{0.3} MnO ₃ /LaAlO ₃] ₁₅ Superlattices	Yes	Department of Physics, Indian Institute of Technology Guwahati,
130	Ravi Kiran Dokala	Student	Pulsed Laser Growth of [Pr _{1-x} Ca _x MnO ₃ /SrTiO ₃] ₁₅ Superlattices	Yes	Department of Physics, Indian Institute of Technology Guwahati,
131	UTPAL JYOTI MAHANTA	Faculty	X band Attenuation behaviour of Polyaniline-Expanded graphite composite	No	Department of Physics, Sibsagar College, Joysagar.
132	Rajib Saikia	Faculty	Development of SPR based Fiber Optic pH Sensor with Ag/PVA Nanocomposite as Sensing Layer	No	Dept. Of Physics, Sibsagar College, Joysagar
133	Kanchan Konwar	Faculty	TIPS Pentacene Based Organic Thin Film Transistor	No	Department of Physics, Digboi College
134	Rupkamal Chetia	Student	Synthesis of banana peel derived activated carbon/iron composite as an efficient adsorbent for arsenic removal from contaminated water	No	Department of Chemistry, Dibrugarh University
135	Paragjyoti Gogoi	Faculty	Zno-La ₂ O ₃ thin film transistors fabricated using sol-gel technique	Yes	Department of Physics Sibsagar College, Joysagar
136	ENAMULLAH	Faculty	Transport properties of RuV-based half-Heusler semiconductors for thermoelectric applications	Yes	Department of Physics, School of Basic Sciences, University of Science and Technology, Meghalaya (USTM)

137	Parbeen Sultana	Student	Evaluation of absorbed Dose due to occupational exposure of ionizing radiation in medicine using Thermo Luminescent Dosimeter-A Review	No	Department of Radiation Oncology, State Cancer Institute, 200 bedded cancer hospital, Guwahati Medical College
138	Gitalee Sharma	Faculty	Measurement of Efficiency of Organic Solar Cells by DEA Methodology	No	Department of Engineering Chemistry, Dibrugarh University Institute of Engineering and Technology (DUIET), Dibrugarh University, Dibrugarh
139	Angshuman T Borgogoi	Student	Investigation on Plasmonic Behaviour of RF Magnetron Sputtered Cu/Au bi-layer Nanostructured Thin Films	No	Material Science Laboratory, Department of Physics, Dibrugarh University, Assam, India.
140	Sandeepan Borah	Student	Effect of SiO ₂ nanofiber dispersion on the electrical and electrochemical properties of cellulose acetate based nanocomposite gel polymer electrolytes	Yes	Raidongia Gaon Kamarbandha Ali, Golaghat Assam
141	RITUPARNA HAZARIKA	Student	First Principle Study of Antioxidant Properties of Curcumin-Metal Complexes	No	ATEICOL ROAD, CHIRING CHAPORI, DIBRUGARH, PIN-786001
142	JYOTIRMOY DEB	Student	First principle investigation of pentagraphene and its derivatives	Yes	Department of Physics, Assam University, Silchar, Cachar, Assam, India
143	Biswajit Pegu	Student	Synthesis of biochemically reduced graphene oxide/polyaniline/iron ternary composites and study of their optical and electrical behaviour.	No	Department of Chemistry, Dibrugarh University Dibrugarh
144	Gitashri Arandhara	Student	Optical, structural and morphological properties of Cu incorporated nanocrystalline ZnS thin films embedded in PVA matrix by thermolysis technique	No	Department of Physics, Dibrugarh University, Dibrugarh- 786004, Assam.

145	Rishikesh Deka	Student	Development of poly-vinyl alcohol based hybrid hydrogel for biomedical applications	Yes	Kaziranga University Campus Koraikhuwa, Jorhat, Assam.
146	DIBYAJYOTI KAKOTI	Student	Enhanced Photoluminescence from Ho ³⁺ ions in ZnS nanoparticles co-doped sol-gel silica matrices	No	Department of Physics, Dibrugarh University, Dibrugarh 786004
147	Navaneeta Rajkonwar	Student	Judd Ofelt and Photoluminescence analysis from Eu ³⁺ ions in presence of ligand PPIA and TOPO in Sol-gel Silica Matrix	No	Department of Physics, Dibrugarh University, Pin-
148	Apurba Talukdar	Faculty	"A Comparative XRF Study of Some Medicinal Plants Available in Assam:	Yes	Dept. of Physics, Bhattadev University, Bajali Pathsala, Assam
149	SAUMEN ACHARJEE	Student	Tunneling Spin Conductance at F NCSC F Spin Valve	No	Department of Physics, Dibrugarh University, Dibrugarh
150	Harkishan Dua	Student	DFT/TDDFT studies on PEDOT spacer based organic sensitizer for application in dye sensitized solar cells	Yes	Assam University Area, Irongmara, Silchar, Assam, India.
151	Jyotimoni Bora	Student	Study of Optical, Structural and Morphological properties of Ag-doped CdS Thin Film grown by Chemical Bath Deposition	No	Dept of Physics Dibrugarh University Dibrugarh-
152	Korobi Konwar	Student	Effect of non-ionic surfactant on the growth of mesoporous carbon system	Yes	Department of Physics Tezpur University
153	Shalini Kushwaha	Student	Structural, Morphological and Elemental Analysis of Manganocolumbite	Yes	Department of Physics, IIT Guwahati, Guwahati

154	Nilima Gogoi	Faculty	Compact component for integrated optical processor based on plasmonic two mode waveguide having nonlinear cladding	No	Dept. of Physics Duliajan College , Duliajan-786602
155	Siddhartha Protim Bharadwaj	Student	Growth of Potassium Hydrogen Phthalate (KHP) single crystals by Slow Evaporation Solution Growth Technique.	No	Department of Physics Dibrugarh University Dibrugarh, Assam
156	Purabi Gogoi	Faculty	Spectroscopic Studies of Ag NP doped Eu ³⁺ Sol gel Silica Glasses	No	Dept. of Engg. Physics DUIET, Dibrugarh University Dibrugarh
157	ASHAMONI NEOG	Student	Electrical properties of tungsten disulfide nanosheets deposited on Copper electrodes (fabricated on Copper clad)	No	DEPARTMENT OF PHYSICS, TEZPUR UNIVERSITY, TEZPUR, ASSAM
158	RAJIB SAIKIA	Faculty	Development of SPR based Fiber Optic pH Sensor with Ag/PVA Nanocomposite as Sensing Layer	No	Dept. Of Physics, Sibsagar College, Joysagar
161	Barnali Barman	Student	Optical and electrical properties of chemically synthesized CuSe nanostructures for use in photoconductive devices		Dept. Of Physics, Rajib Gandhi University Arunachal Pradesh
162	Yana Bagbi	Faculty	Globular Nano Silica embedded Graphene Oxide sheets for the effective removal of lead (Pb ²⁺) from water		J N College, Pasighat
164	Shreemoyee Bordoloi		Synthesis of reduced graphene oxide/iron composite and application for arsenic removal		Department of Chemistry Dibrugarh University Dibrugarh
165	Yowa Nanung		Optical and electrical properties of Cu doped CdS/ZnS Core-shell nano-structure		Dept. Of Physics, Rajib Gandhi University Arunachal Pradesh
	Swati Baruah	Faculty	Lane formation dynamics of externally driven pair ion plasma particles	Yes	Department of Physics Assam Kaziranga University
159	Sudhir Muduli	Student		Yes	CENTRAL UNIVERSITY OF RAJASTHAN, AJMER

The selected participants are requested to complete their Early bird registration within 05 January to 20 January, 2020. The registration fee is Rs 1500/- for Student and Rs 3000/- for faculties and staffs. [For on-site registration, participants will have to pay additional Rs 500/-].

Accommodation

A limited number of seats are available in the University Guest House. For booking of accommodation by LOC, participants are required to send an amount of rupees 1000/-(one thousand only) in advance on or before 20 January, 2020 via online account transfer and report the transaction details with filled in Accommodation Form (*to be downloaded from conference website*) to goureesdas@gmail.com (*screenshot can be shared via Whats-app also*). The expected accommodation charge at Guest House is Rs 350/- per head per night (on twin sharing basis) and Rs 800/- per night for single accommodation. The advance will be adjusted with the total accommodation charges that to be paid by the participants. Beyond the available seats at Guest House, the participants will be accommodated in nearby hotels. The expected charges at hotels will be apprx. 1000/- per night.

The account details for transaction of advance for accommodation is as follows.

A/C No: 11356323833

A/C Holders Name: Gouree Shankar Das

Bank Name and Branch: SBI, Dibrugarh University Branch

IFSC Code: SBIN0002051

- For more queries, participants can contact at following addresses.
- Email:goureesdas@gmail.com
- Mobile:+919435088505
- Whats app:+919435088505