

**12<sup>th</sup> Biennial National Conference of Physics Academy of North-East (PANE)-2021**  
**Organized by Department of Physics, Tripura University**  
**15-17 December, 2021**

**List of selected participants for paper presentation / attending the PANE2021 conference during 15-17 December, 2021.**

**For any clarification / modification please mail us [pane2021tu@gmail.com](mailto:pane2021tu@gmail.com)**

**Mode of presentation will be uploaded to conference website by 25<sup>th</sup> November, 2021.**

Sl. No.	Name of the participant	Affiliation (Name of your institution)	Designation	Abstract title
1	Molongnenla Jamir	NIT Nagaland	Research Scholar	Chitosan modified Fe <sub>3</sub> O <sub>4</sub> nanoparticles for hyperthermia application
2	Suman Debnath	Tripura University	PhD Scholar	ML Based Modulation Format Identifier using K-NN Algorithm
3	Dr. Uday Sankar Senapati	Handique Girls' College, Guwahati-781001	Assistant Professor	Structural, Optical and Antibacterial Properties of CdS Nanoparticles Prepared by Using Edible Oyster Mushroom Extract: A Green Synthesis Approach
4	Manoranjan Dutta	Indian Institute of Technology Hyderabad	PhD Student	Self-interacting Dark Matter via Right Handed Neutrino Portal
5	Bandana Gogoi	D.N. Govt. College, Itanagar	Assistant professor	Magnetization Dynamics of Iron Oxide Superparamagnetic Nanoparticles above Blocking Temperature
6	BISWAJIT DEB	ASSAM UNIVERSITY	RESEARCH SCHOLAR	Inflation in f(R,T) gravity with Double-Well Potential
7	V. Aravindan	Thiagarajar College of Engineering	Research Scholar	Ab-initio Study on the CoZrVIn Equiatomic Quaternary Heusler Alloy for Spintronic and Thermoelectric Applications
8	Chiging sonia	North Eastern Regional Institute of Science and Technology	Research scholar	DFT study on the structural and chemical properties of Janus kinase inhibitor drug Baricitinib
9	JYOTSHNA SAIKIA	North Eastern Regional Institute of Science and	Research Scholar,	AMP-NERIST-JYOTSHNA

		Technology (NERIST)	Department of Physics	
10	MAMTA	CSIR-NPL	Research scholar	Synthesis, characterization and application of Sb <sub>2</sub> Se <sub>3</sub> in solar cells
11	RAJAKANI V	Department of Physics, St.John's College, Palayamkottai, Tamilnadu- 627 002.	Research Scholar	Studies on the silver incorporated titania aerogel nanostructure as a photoanode in quasi solid Dye Sensitized Solar Cell
12	KHUNDRAKPAM CHANCHAN DEVI	Department of Physics, Manipur University	Research Scholar	Concentration effect on the luminescent and structural properties of YPO <sub>4</sub> : Eu <sup>3+</sup>
13	SULTANA RIJUWANA HAQUE	GAUHATI UNIVERSITY	RESEARCH SCHOLAR	Optical and Structural Characteristics of PANI capped PbS nanoparticles
14	Aritrika Saha	Tripura University (Central University)	M.Tech Student	Comparative Review Of Inorganic Membranes By Sol-Gel Method For Water Purification
15	Deepa Das	Tripura University (Central University)	M.tech Student	A Comparative Review on the Application of Arduino for Gas & Water Sensing
16	THOUDAM BASANTA SINGH	DON BOSCO (AUTONOMOUS) COLLEGE, MARAM, SENAPATI - 795015, MANIPUR, INDIA	ASSOCIATE PROFESSOR	A comparative study on five different methods of analysis of complex thermoluminescence data: A short review
17	ARCHANA BORA	Gauhati University	Asst. Prof	Application of Artificial Neural Network to determine the thickness profile of thin film samples
18	Jinee Gogoi	Dibrugarh University	Research Scholar	Ionospheric signatures associated with Sudden Stratospheric Warming (SSW) episodes over Okinawa
19	Sakaray Madhuri	Jawaharlal Nehru Technological University	PhD Scholar	Sketchy synthesis of MnO <sub>2</sub> , MnO <sub>2</sub> /CNT, MnO <sub>2</sub> /AC composites for application of/in Energy cache
20	Deepa Das	Tripura University(Central University)	M.Tech student	Arduino Microcontroller Based Sensor for Effective Drinking Water Monitoring
21	Dr. A. Joy Singh	S.K. Women's College, Nambol, Manipur	Assistant Professor	Effect on the conductivity of ZnO nanoparticle dopped in PVC films
22	J.Hemalatha	Queen Mary's college(A), Mylapore, chennai-600004	Research Scholar	STRUCTURAL AND BIOLOGICAL CHARACTERIZATION OF A BIOMOLECULE: (3E)-3-(2,3,4-TRIMETHOXYPHENYL) METHYLIDENE) - 2,3-DIHYDRO-4H-1-BENZOPYRAN-4-ONE
23	SAMARJIT SARMAH	Gauhati University	Research	Photoresponse performances of UV-visible photodetectors

			Scholar	based on as-prepared and annealed ZnO-PS: p-Si heterostructure: a comparative study
24	Khumanthem Helensana Devi	Manipur University	Scholar	Revisiting the mass degeneracy of neutrinos in the light of renormalisation
25	SHYAM LOCHAN BORA	D.D.R. College, Chabua, Dibrugarh	Assistant Professor	Analysis of flood and drought years between 1901-2020 in seven Northeastern states of India
26	LAVINA SARMA	TEZPUR UNIVERSITY	PhD Student	Impact of one zero textures on baryogenesis in a flavor symmetric scotogenic model
27	Nayana Gautam	Tezpur University	PhD Student	Impact of texture zeros on leptogenesis within minimal inverse seesaw framework
28	Patricia Mary Kharmawlong	North Eastern Hill University, Shillong - 793022	Research Scholar	Transport of a particle driven periodically in a time-varying friction
29	Bichitra Bijay Boruah	Tezpur University	PhD student	Lepton flavor violation in flavor symmetric scotogenic model
30	MARLA PRASANTI	GITAM deemed to be University	Research Scholar	Approach with DFT for Non-Linear Optical Properties of Organic Molecular Complexes
31	Neelam Chetry	North Eastern Regional Institute of Science and Technology	Research Scholar	Intermolecular interaction study, Bioactivity score, Quantum chemical calculation and Spectroscopic study of L-Threonine in Polar Aprotic Solvent.
32	D. ANGELINE SHIRMILA	QUEEN MARY'S COLLEGE (A), CHENNAI-04, TAMIL NADU, INDIA.	RESEARCH SCHOLAR	Synthesis, Structure determination, Hirshfeld surfaces and Energy frameworks analysis, and Molecular Docking studies of a chalcone derivative: (2E)-2-[(2,4-dimethoxyphenyl)methylidene]-3,4 dihydronaphthalen-1(2H)-one - a potential inhibitor of breast cancer activity
33	Parminder Kaur	Tripura University	Research Scholar	SEM-EDX based morphological and chemical characterization of aerosols generated during wood burning
34	Sangeeta Dey	COTTON UNIVERSITY	RESEARCH SCHOLAR	Symmetry realization of neutrino mass matrix with one vanishing minor and vanishing trace using Froggatt-Nielsen Mechanism
35	Pradhyut Rajkumar	Gauhati University	Research Scholar	Structure-optical property relationship of sputtered AgNP/ZnO <sup>1/4</sup> R heterostructure
36	ABDUL AZIZ	ASSAM UNIVERSITY, SILCHAR	RESEARCH SCHOLAR	Masses of heavy-flavoured Meson in a potential Model Approach with Wave Function containing Airy <sup>''''''</sup> <
37	KONTHOUJAM PRIYANADA SINGH	national institute of technology, manipur	RESEARCH SCHOLAR	Study of electrochemical properties of LiFePO <sub>4</sub> by varying H <sub>3</sub> PO <sub>4</sub> concentration and the LiFePO <sub>4</sub> /zeolite composite
38	Ningthoujam Joseph	National Institute of	Research	Zeolite incorporated iron oxide nanoparticles for congo red dye

	singh	Technology Manipur	Scholar	adsorption
39	Boris Wareppam	National Institute of Technology Manipur	Research Scholar	Zn Based Metal Organic Framework For Adsorption of Anionic and Cationic Dye
40	Manthan Ghosh	Tripura University	M.Tech PG Student	Benchmarking of Representative DNN Architectures for Detection of Various Types of Optical Noise
41	TANMOY DEBNATH	TRIPURA UNIVERSITY	M.TECH (PG STUDENT)	A Review on the 5 Channel WDM System Transmitting PAM-4 Signal in Long Haul Optical Fiber Communication
42	Dr. Sarangthem Nabadwip Singh	Oriental College (Autonomous), Takyel, Imphal, Manipu	Assistant Professor	Analysis of thermoluminescence of natural salt by simplified General One Trap differential equation.
43	Nabendu Kumar Deb	Department of Physics, Gauhati University, Guwahati-781014, Assam	Research Scholar	Subsisting oxidizing material and parting agent selection in the fabrication of nuclear target
44	Dr. J. MARIN SAM GNANARAJ	SSN RESEARCH CENTRE, SSN COLLEGE OF ENGINEERING, KALAVAKKAM	POST DOCTORAL FELLOW	Extraction of Transition Metals from Furnace Dust and Facile synthesis of Metal Oxide nanoparticles for optical limiting applications
45	MRINMAY MEDHI	BHATTADEV UNIVERSITY	Research Scholar	Contribution of Proton Capture Reactions to the Abundances of Phosphorus and Sulfur in FGK Stars
46	Dr. Manjit Borah	Goalpara College	Assistant Professor	Structural, optical and frequency dependent dielectric properties of solid-state derived complex perovskite Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> (NBT) nanostructured system
47	SUTAPA DEB	Dept. of Chemistry, Tripura University	Research Scholar	Incorporation of Bile-Salt and Laser Dye Using Layer by Layer self-assembled technique
48	Utpal Sarkar	Tripura University	Research Scholar	First-principle investigation of structural, electronic and optical properties of hexagonal wurtzite Mg <sub>x</sub> Zn <sub>1-x</sub> Te ternary alloys
49	Lisham Paris Chanu	Department of Physics, Manipur University	PhD Scholar	Study on structural and electrical transport properties of YMn <sub>0.9</sub> Cr <sub>0.1</sub> O <sub>3</sub>
50	PALLABI BORO	GAUHATI UNIVERSITY	Ph D Research Scholar	Effect of variation of reaction time upon synthesized PVA/CdS/ZnS core/shell Nanoparticles
51	DIPAK BARMAN	GAUHATI UNIVERSITY	RESEARCH SCHOLAR	Wide range tunability of surface plasmon resonance of nanostructured Ag deposited by off-axis magnetron sputtering
52	AMLAN JYOTI BORAH	DEPARTMENT OF PHYSICS, GAUHATI	RESEARCH SCHOLAR	Light from the firefly <i>Luciola praeusta</i> at very low temperatures

		UNIVERSITY		
53	Victoria Puyam	Manipur University	Research Scholar	Minimally modified A4 model for neutrino masses and mixings
54	SHOUGAIJAM ANJU DEVI	Department of Physics, Manipur University	PhD Scholar	Visible Light Driven Photocatalytic Activities of Metal Sulfides Synthesized by Simple Co-Precipitation Method
55	TOIJAM SUMA CHANU	Manipur University, Canchipur, Imphal-795003	Research scholar	The influence of ZnO nanoparticles on the Structural, Optical and Dielectric properties of Polyvinyl Alcohol films
56	Laishram Rashi Devi	Department of Physics, Manipur University	Research scholar	Structural and Optical Parameters of Sol-Gel Derived Barium Strontium Titanate (BST) Thin Film
57	Elangbam Churchill Singh	Manipur University	Research Scholar	Structural and dielectrical analysis of rare earth doped Bismuth Ferrite Nanoparticle at high frequency
58	Sabina Yeasmin	Assam University, Silchar	Ph.D. Research Scholar	Perturbation Spectra in Warm Chromo-Natural Inflation
59	SIJOY CHANDRA BORO	Gauhati University	Research Scholar	Crystallite size and band gap variation of tungsten trioxide dihydrate nanocrystals prepared under different conditions
60	Lairellakpam Anju chanu	MANIPUR UNIVERSITY	RESEARCH SCHOLAR	UV light illuminated photodegradation of Malachite green dye using ZnO/CuO nanocomposites
61	Pramod Kumar Shah	Assam University, Silchar	Research Scholar	A DFT study on the reactions of ruthenium anticancer drug KP1019 with DNA Bases
62	Jnanraj Borah	Gauhati University	Research Scholar	Structural, optical and electrical properties of CuO nanostructures prepared by reactive DC magnetron sputtering
63	Sonia Nambram	Manipur University	Research Scholar	Color tunable Gd <sub>2</sub> O <sub>3</sub> :Dy <sup>+</sup> nanophosphors under different excitation wavelengths
64	KHURAIJAM JYOTSNA	Manipur University	PhD Scholar	Effect of Fe Substitution on the Properties of Sodium Bismuth Titanate
65	GARGI SEN	IIT Guwahati	P.Hd Research Scholar	Study of the standing shock in the accretion flow around KTN black-hole.
66	JYOTIRMOY KALITA	Department of Physics, Tripura University	Ph.D. Research Scholar	Impact of Acedelia Strom Track (AST) in Martian Atmosphere during MY 33 and 34
67	KABITA DEKA	Tezpur University	Research Scholar	A study of the effects of histogram binning on the accuracy of finding flux distribution of X-ray Binaries
68	Chayanika Chetia	Dibrugarh University	Research Scholar	A study on the effect of particle creation in the framework of Saez-Ballester theory of gravity

69	Alpana Baidya	Department of Chemistry, Tripura University	Research Scholar	Unique aggregation pattern of Perylene Bisimide based U shaped liquid crystal of PBI-Se on Langmuir-Blodgett thin film.
70	Angkita Hazarika	Dibrugarh University	Ph.D Scholar	Multi model predictability assessment of TEC during solar minimum around 100Å°E
71	Tapashi Das	Madhab Choudhury College	Assistant Professor	Two and Three Loop Effects in the RMS radii of Heavy Flavored Mesons in a QCD Potential Model
72	Laishangbam Chanu Sonia	Manipur University	Research Scholar	Study on structural, optical and magnetic properties of cobalt substituted magnetite nanoparticles for ferrofluid applications
73	M Daniel Ranjan	Vellore Institute of Technology, Chennai	Research Scholar	Shadow of Rotating Charged Morris Thorne Wormhole
74	ADHIKARIMAYUM DEEPAK SHARMA	MANIPUR UNIVERSITY, CANCHIPUR	Research Scholar	Structural, Optical, and dispersive parameters of (Gd, Mn) co-doped BiFeO <sub>3</sub> thin film.
75	SAPAM GAYATRI DEVI	Department of Physics, Manipur University	Research Scholar	Quantum gravity effects on Hawking radiation of vector particles from rotating BTZ black hole
76	Mispaur Rahaman	Tripura University (A central University )	PG Student	Implementation of Optical Subtractor using Micro Ring Resonator loaded Mach-Zehnder Structure
77	SESHADRI MAJUMDER	Indian Institute of Technology, Guwahati	Research Scholar	Wide-band view of High Frequency QPOs of GRS 1915+105 in $\tilde{\text{softer}}^{\text{TM}}$ variability classes observed with AstroSat
78	Harun Al Rashid	Department of Physics, Gauhati University, Assam-781014	Research Scholar	Optical Model Analysis of <sup>6</sup> Li+ <sup>40</sup> Ca Using Double Folding and Wood-Saxon Potential
79	RESHMA PERAYIL	S.N.POLYTECHNIC COLLEGE, KANHANGAD	PROFESSOR OF PHYSICS	QUANTUM SYSTEMS - A PEDAGOGIC APPROACH
80	NISHANTH P	Kannur University	Research Scholar	Physics of Edakka
81	Moirangthem Nara Singh	Dr. B Borooah Cancer Institute, Guwahati	Scientific Officer "D"	Studies on Electron Traps in NaI: Tl scintillating crystal by thermoluminescence
82	Dr. Jhuma Biswas	Pandu College	Assistant Professor	Effects of COVID-19 pandemic lockdown: A satellite data-based appraisal of air quality in Guwahati, Assam
83	Aritrika Saha	Tripura University	M.Tech student	Water Quality Assessment Of Different Samples Collected From Various Locations Of Tripura University Campus And Selection Of Appropriate Point Of Use Water Purification Technology

84	JODIE T. RYNGNGA	NORTH EASTERN HILL UNIVERSITY	RESEARCH SCHOLAR	Covariance analysis of efficiency calibration of NaI(Tl) detector
85	PRASANTH P	GOVERNMENT ENGINEERING COLLEGE, THRISSUR, KERALA	ASSISTANT PROFESSOR	DEFINING TEMPERATURE
86	Tiasha Shome	Tripura University	Pursuing M.tech	Design of an optical X-NOR gate using micro-ring resonator
87	Moh Vaseem Akram	Jamia Millia Islamia	Research Scholar	Landauâ€Lifshitz pseudotensor in the presence of cosmological constant
88	DIPTIMONTA NEOG	North Eastern Regional Institute of Science and Technology	Research Scholar	A comparative study of some Parton Distribution Function sets
89	Somas Singh Urikhinbam	National Institute of Technology Manipur	Research Scholar	Molecular dynamic simulation study of size polydispersed ionic liquid: effect on static properties
90	ARUP PATARI	ISWARCHANDRA VIDYASAGAR COLLEGE	ASSISTANT PROFESSOR	Influence of the remote celestial event like gamma ray burst GRB 190114C on the total electron content of the earthâ€™s ionosphere: A case study
91	Aravind	A.V. Abdurahiman Haji Arts & Science College (Affiliated to the University of Calicut)	Assistant Professor	Understanding the relationship between the two theorems: Virial and Equipartition
92	Joydeb Saha	Tripura University	Research Scholar	Global Climate Feedback Studies of Cirrus Reflectance, Specific Humidity in Relation with Lightning
93	Jyatsnasree Bora	Dibrugarh University	Research scholar	Echoes of gravitational waves in GR with non-vanishing Lambda
94	Jyatsnasree Bora	Dibrugarh University	Research scholar	Asteroseismology of strange star in GR with non-vanishing Lambda
95	Mayengbam Kishan Singh	Department of Physics, Manipur University	Research Scholar	Minimal extension of seesaw mechanism in A4 symmetry and its phenomenological consequences
96	Thoudam Vilip Singh	National Institute of Technology Manipur	Research Scholar	Size dependence of force extension behaviour in energy polydisperse polymers
97	Ningthoukhongjam Kirtimala Devi	Presidency College, Motbung, Manipur	Assistant Professor, Department of Physics	Study of dielectric properties and ac conductivity of zinc ferrite synthesized by chemical coprecipitation technique.

98	Thokchom Premkumar Meitei	National Institute of Technology Manipur	Research scholar	Transport properties of polydisperse hard sphere system
99	ANIMESH BARMAN	Tezpur University	Research Scholar	Non-zero $\theta_{13}$ , Deviation of Tri-bimaximal neutrino mixing and A4 discrete flavor symmetries
100	Alok Kumar Das	Dibrugarh University	Research Scholar	Effect of deposition time on the structural and optical properties of CdSSe/PVA thin films prepared by chemical bath deposition technique
101	Dhruba Jyoti Gogoi	Dibrugarh University	Doctoral Researcher	Quasinormal modes of non-linear Electrodynamical Black holes in Rastall gravity surrounded by Dark Energy fields
102	Nilavjyoti Hazaika	Gauhati University	Research Scholar	Dark matter phenomenology and Higgs vacuum stability in a Scotogenic extension of Inert Higgs Doublet Dark Matter Model
103	Dhruba Jyoti Gogoi	Dibrugarh University	Doctoral Researcher	Testing and Constraining a new $f(R)$ gravity model in Palatini formalism
104	SAMIK MITRA	IIT GUWAHATI	RESEARCH SCHOLAR	Steady-state analysis of General Relativistic Magnetohydrodynamics (GRMHD) accretion flows around black hole space-time
105	Heisnam Nungshibabu Singh	Manipur University	Research Scholar	Analysis of LiF, Mg, Cu, P in the new general order kinetics
106	FRANCIS IAWPHNIAW	Assam Don Bosco University	Research scholar	Noise assisted particle transport and particle diffusion in an under-damped inhomogeneous periodic potential system
107	Dr. Debika Kangsha Banik	Department of Physics, Barnagar College, Sorbhog, Barpeta, Assam	Assistant Professor	$\Lambda$ CDM Model in Born Infeld $f(R)$ gravity in the background of Bianchi I Cosmology
108	Maibam Ricky Devi	DEPARTMENT OF PHYSICS, GAUHATI UNIVERSITY	RESEARCH SCHOLAR	Pinpointing Octant of the atmospheric mixing angle, $\theta_{23}$ for a linear seesaw model under $A_4$ symmetry
109	Amar Das	Gauhati University	Research Scholar	Investigation of fusion suppression and projectile breakup using classical trajectory method
110	Sayantika Chanda	Tripura University	Research Scholar	Effects of doping of zinc and mercury composition-dependent opto-electronic properties of $Cd_{1-x-y}Zn_xHg_yS$ quaternary alloys: A First-principles investigation.
111	K M S Dawngliana	Mizoram University	Research scholar	Optical basicity and electronic polarizability of $Sm^{3+}$ -doped silica glass prepared by sol-gel process
112	Dr. Manisha Bajpai	Siddharth University	Assistant Professor	Frequency and composition dependent impedance analysis of PFO: MEH-PPV polymer blends



113	Pritam Das	TEZPUR UNIVERSITY	PHD	Dark matter in the Extended Hyperchargeless Higgs Triplet Model
114	Barun Maity	NCRA-TIFR	Research Scholar	Efficient Modelling of Cosmic Reionization using SCRIPT
115	Krishna Debnath	Tripura University (A Central University)	M.Tech Student	Effect of mechanical milling of fly ash powder on compressive strength of geopolymer
116	Soumyajeet Majumder	Tripura University	PG Student (Material Science and Engineering)	Ageing and corrosion behaviour study of 6061 Aluminium Alloy
117	Nurul Alam Mazumder	National Institute of Technology Silchar	Research Scholar	Amino functionalized coal fly ash: A green and efficient heterogeneous solid base catalyst for Knoevenagel condensation reaction
118	Nurul A. Mazumder	National Institute of Technology Silchar	Research Scholar	Preparation of fly ash-Ag <sub>2</sub> O nanoaggregates as highly capable photocatalyst for malachite green dye degradation under solar irradiation
119	Sajal Sahu	Ramchandrapur Raisuddin High School	Assistant Teacher	Microstructural, Structural and Peak Profile Analysis of Chemically Grown Bougainvillea Flower-like Zinc Oxide Nanostructures
120	Lalruatpuia Ralte	Mizoram University	Research Scholar	Spectroscopic Studies of RhB Dye in Silica Matrix
121	Dr S Sundaram	Nehru Institute of Technology, Coimbatore, Tamilnadu, India	Assistant Professor	THEORETICAL (DFT) INVESTIGATION ON HYDROGEN BONDED BINARY LIQUID CRYSTAL MIXTURE (4MCA:6OBA)
122	Arindam Bhadra	Tripura University	M.Tech Student	Durability study of geopolymer synthesized from industrial waste
123	K.MOHAMMED MURTHUZA	GOVERNMENT ARTS COLLEGE,SALEM-636007, TAMILNADU,INDIA	RESEARCH SCHOLAR	Statistical Analysis of Natural Radioactivity Measurements for the Soil of Tiruvannamalai District, Tamilnadu, India
124	Md. Jashim Uddin	Tripura University	Sr. Technical Assistant (Lab) and Research Scholar	Physico-chemical analysis and antioxidant properties of tinctures of Diospyros melabarica (Desr.) Kostel: A Preliminary Report
125	Anindita Bhattacharjee	Tripura University	Research	Design of a compact UWB MIMO-Diversity Antenna for

			Scholar	wireless communication application
126	ROHIT GAUTAM	Dibrugarh University	Research Scholar	Interaction of radiation with atmospheric constituents and consequent dark heating of the atmosphere
127	Paramita Deka	Gauhati University	Research Scholar	Impact of Transverse Enhancement in neutrino oscillation measurements using NOvA
128	Rimlee Saikia	Gauhati University	Research Scholar	Simulations on Ion assisted sputtering for silicon target
129	Anshuman Baruah	Assam University	PhD Research Scholar	Traversable Wormholes in f(R) Gravity
130	PARANGAM GOSWAMI	Assam University, Silchar	M.Phil Student	Traversable Wormholes in f(R) Gravity.
131	Bishwajit Boruah	Dibrugarh University	Research Scholar	Can we have efficient molecular hydrogen adsorption on Mg clusters?
132	DHANMONI SAIKIA	University of Science and Technology, Meghalaya	student	A semi-analytical study of Earth's interior with the help of Ultra-High energy Neutrinos
133	Dr. Mousumi Bhuyan	Rangia College	Assistant Professor	Ion assisted damage studies on Tungsten for next generation fusion reactor
134	Debankita Ghosh	Tripura University	Research Scholar	Structural and optoelectronic properties of cubic $Zn_{1-x-y}Be_xMg_ySe$ quaternary alloys nearly lattice matched to GaAs substrate: A density functional investigation
135	Manish Debbarma	Tripura University	Research Scholar	First-principle study on thermoelectric properties of mercury-beryllium-chalcogenide for thermoelectric device applications
136	Subhendu Das	Tripura University	Asst. Professor	Insight view of mechanical and thermodynamic properties of double perovskite $Ba_2GdSbO_6$ from DFT calculations
137	Sanghita Basak	Tripura University	Research Scholar	Analysis of single XRD peak of single crystal ZnS for microstructural study through single line Voigt method
138	DEVA PRATIM MAHANTA	BHATTADEV UNIVERSITY	RESEARCH SCHOLAR	A STUDY ON IMPACT OF PROTON CAPTURE REACTION TO THE ABUNDANCES OF NEON, MAGNESIUM AND ALUMINIUM IN B-TYPE AND HgMn STARS
139	REMLALSIAAMA	Mizoram University	Research Scholar	Assessment of Radon Content in Water of oil exploration areas Using Smart RnDuo in Mizoram, India
140	Remlalsiama	Mizoram University	Research Scholar	Correlation between ground level Gamma Radiation and Radon gas concentration in soil at different baptism depth of oil exploration areas within Aizawl district of Mizoram, India.

141	Elisheba Syiem	North Eastern Hill University	Research Scholar	Without paper
142	Thounaojam Punshilembi	Manipur University	Research scholar	Without paper
143	Dr. Soram Robertson Singh	Department of Physics Manipur University		Without paper
144	Dr. Sanjit Das	School of Advanced Sciences VIT Chennai	Asst. Professor	Without paper
145	Debaditya Hom Roy	Tripura University	Student	Without paper