

Abstract submission & Registration form

XIIth Biennial National Conference of Physics Academy of North East (PANE), 2021 during 15-17 December, 2021

Organized by Department of Physics, Tripura University

Name of the participant *

Molongnenla Jamir

Your email id *

molongnenlajamir@gmail.com

Enter your whatsapp phone no *

07085493216

Affiliation (Name of your institution) *

NIT Nagaland

Designation *

Research Scholar

Confirm whether you participate *

- with paper
- without paper

Abstract title

Chitosan modified Fe₃O₄ nanoparticles for hyperthermia application

Upload your abstract in MS-Word format only

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Preference of the mode of presentation

- Oral
- Poster

Type of registration *

- Regular
- Research Scholar/student

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Name of the participant *

Suman Debnath

Your email id *

suman.ece@tripurauniv.ac.in

Enter your whatsapp phone no *

8415058426

Affiliation (Name of your institution) *

Tripura University

Designation *

PhD Scholar

Confirm whether you participate *

- with paper
- without paper

Abstract title

ML Based Modulation Format Identifier using K-NN Algorithm

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Preference of the mode of presentation

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Name of the participant *

Dr. Uday Sankar Senapati

Your email id *

udaysankargu@gmail.com

Enter your whatsapp phone no *

+917896638869

Affiliation (Name of your institution) *

Handique Girls' College, Guwahati-781001

Designation *

Assistant Professor

Confirm whether you participate *

- with paper
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Abstract title

Structural, Optical and Antibacterial Properties of CdS Nanoparticles Prepared by Using Edible Oyster Mushroom Extract: A Green Synthesis Approach

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CMPMS-HGC-UD...



Preference of the mode of presentation

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Type of registration *

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DR. UDAY SANKAR SENAPATI

Your email id *

udaysankargu@gmail.com

Enter your whatsapp phone no *

+917896638869

Affiliation (Name of your institution) *

HANDIQUE GIRLS' COLLEGE, GUWAHATI-781001

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Name of the participant *

Manoranjan Dutta

Your email id *

ph18resch11007@iith.ac.in

Enter your whatsapp phone no *

8011801239

Affiliation (Name of your institution) *

Indian Institute of Technology Hyderabad

Designation *

PhD Student

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- with paper
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Abstract title

Self-interacting Dark Matter via Right Handed Neutrino Portal

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Name of the participant *

Bandana Gogoi

Your email id *

bandana.gogoi12@gmail.com

Enter your whatsapp phone no *

9863487518

Affiliation (Name of your institution) *

D.N. Govt. College, Itanagar

Designation *

Assistant professor

Confirm whether you participate *

- with paper
- without paper

Abstract title

Magnetization Dynamics of Iron Oxide Superparamagnetic Nanoparticles above Blocking Temperature

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Preference of the mode of presentation

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Designation *

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Name of the participant *

BISWAJIT DEB

Your email id *

biswajitdeb55@gmail.com

Enter your whatsapp phone no *

9678460615

Affiliation (Name of your institution) *

ASSAM UNIVERSITY

Designation *

RESEARCH SCHOLAR

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Abstract title

Inflation in $f(R,T)$ gravity with Double-Well Potential

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V. Aravindan

Your email id *

vanphy@tce.edu

Enter your whatsapp phone no *

8220253407

Affiliation (Name of your institution) *

Thiagarajar College of Engineering

Designation *

Research Scholar

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- with paper
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Abstract title

Ab-initio Study on the CoZrVIn Equiatomic Quaternary Heusler Alloy for Spintronic and Thermoelectric Applications

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Name of the participant *

chiging sonia

Your email id *

soniachging@gmail.com

Enter your whatsapp phone no *

9383186550

Affiliation (Name of your institution) *

North Eastern Regional Institute of Science and Technology

Designation *

Research scholar

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Abstract title

DFT study on the structural and chemical properties of Janus kinase inhibitor drug Baricitinib

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JYOTSHNA SAIKIA

Your email id *

jyotshnasaikianlp@gmail.com

Enter your whatsapp phone no *

7002829367

Affiliation (Name of your institution) *

North Eastern Regional Institute of Science and Technology (NERIST)

Designation *

Research Scholar, Department of Physics

Confirm whether you participate *

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Abstract title

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- Research Scholar/student

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Name of the participant *

MAMTA

Your email id *

mamta.yadav969@gmail.com

Enter your whatsapp phone no *

07738610638

Affiliation (Name of your institution) *

CSIR-NPL

Designation *

Research scholar


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Abstract title

Synthesis, characterization and application of Sb₂Se₃ in solar cells

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Name of the participant *

RAJAKANI V

Your email id *

rajakaniv1995@gmail.com

Enter your whatsapp phone no *

9597708945

Affiliation (Name of your institution) *

Department of Physics, St.JOHN's College, Palayamkottai, Tamilnadu- 627 002.

Designation *

Research Scholar


Confirm whether you participate *

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Abstract title

Studies on the silver incorporated titania aerogel nanostructure as a photoanode in quasi solid Dye Sensitized Solar Cell

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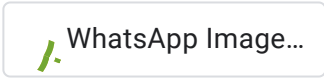
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Name of the participant *

RAJAKANI V

Your email id *

rajukaniv1995@gmail.com

Enter your whatsapp phone no *

9597708945

Affiliation (Name of your institution) *

Department of Physics, St.John's College, Palayamkottai, Tamilnadu, India - 627 002.

Designation *

Research Scholar


Confirm whether you participate *

- with paper
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Abstract title

Studies on the silver incorporated titania aerogel nanostructure as a photoanode in quasi solid Dye Sensitized Solar cells

Upload your abstract in MS-Word format only

 Silver abstract P...

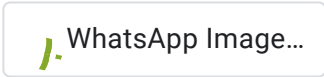
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Name of the participant *

KHUNDRAKPAM CHANCHAN DEVI

Your email id *

chanchankhundrakpamdevi@gmail.com

Enter your whatsapp phone no *

8974805654

Affiliation (Name of your institution) *

Department of Physics, Manipur University

Designation *

Research Scholar


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Abstract title

Concentration effect on the luminescent and structural properties of YPO4: Eu 3+

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SULTANA RIJUWANA HAQUE

Your email id *

haquerijuwana@gmail.com

Enter your whatsapp phone no *

7002162631

Affiliation (Name of your institution) *

GAUHATI UNIVERSITY

Designation *

RESEARCH SCHOLAR

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Abstract title

Optical and Structural Characteristics of PANI capped PbS nanoparticles

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Name of the participant *

Aritrika Saha

Your email id *

chinki.saha27@gmail.com

Enter your whatsapp phone no *

7978675820

Affiliation (Name of your institution) *

Tripura University (Central University)

Designation *

M.Tech Student


Confirm whether you participate *

- with paper
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Abstract title

Comparative Review Of Inorganic Membranes By Sol-Gel Method For Water Purification

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 Others-TU-Aritrik...


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Name of the participant *

Deepa Das

Your email id *

ds9597856@gmail.com

Enter your whatsapp phone no *

8131004225

Affiliation (Name of your institution) *

Tripura University (Central University)

Designation *

M.tech Student

Confirm whether you participate *

- with paper
- without paper

Abstract title

A Comparative Review on the Application of Arduino for Gas & Water Sensing

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 CI-TU-Deepa-Pap...


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Name of the participant *

THOUDAM BASANTA SINGH

Your email id *

thoudam@dbcaram.ac.in

Enter your whatsapp phone no *

7628055425

Affiliation (Name of your institution) *

DON BOSCO (AUTONOMOUS) COLLEGE, MARAM, SENAPATI - 795015, MANIPUR, INDIA

Designation *

ASSOCIATE PROFESSOR

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Abstract title

A comparative study on five different methods of analysis of complex thermoluminescence data: A short review

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Name of the participant *

ARCHANA BORA

Your email id *

abora.80@gmail.com

Enter your whatsapp phone no *

9401670883

Affiliation (Name of your institution) *

Gauhati University

Designation *

Asst. Prof

Confirm whether you participate *

- with paper
- without paper

Abstract title

Application of Artificial Neural Network to determine the thickness profile of thin film samples

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Name of the participant *

Jinee Gogoi

Your email id *

jineegogoi@gmail.com

Enter your whatsapp phone no *

07002707989

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Research Scholar


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- with paper
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Abstract title

Ionospheric signatures associated with Sudden Stratospheric Warming (SSW) episodes over Okinawa

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Name of the participant *

Sakaray Madhuri

Your email id *

madhuri.sakaray@gmail.com

Enter your whatsapp phone no *

9381547669

Affiliation (Name of your institution) *

Jawaharlal Nehru Technological University

Designation *

PhD Scholar

Confirm whether you participate *

- with paper
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Abstract title

Sketchy synthesis of MnO₂, MnO₂/CNT, MnO₂/AC composites for application of/in Energy cache

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Your email id *

ds9597856@gmail.com

Enter your whatsapp phone no *

8131004225

Affiliation (Name of your institution) *

Tripura University(Central University)

Designation *

M.Tech student

Confirm whether you participate *

- with paper
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Abstract title

Arduino Microcontroller Based Sensor for Effective Drinking Water Monitoring

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Name of the participant *

Dr. A. Joy Singh

Your email id *

joyarambam@gmail.com

Enter your whatsapp phone no *

9862450728

Affiliation (Name of your institution) *

S.K. Women's College, Nambol, Manipur

Designation *

Assistant Professor


Confirm whether you participate *

- with paper
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Abstract title

Effect on the conductivity of ZnO nanoparticle dopped in PVC films

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Name of the participant *

J.Hemalatha

Your email id *

hlatha108@gmail.com

Enter your whatsapp phone no *

9962880444

Affiliation (Name of your institution) *

Queen Mary's college(A), Mylapore, chennai-600004

Designation *

Research Scholar


Confirm whether you participate *

- with paper
- without paper

Abstract title

STRUCTURAL AND BIOLOGICAL CHARACTERIZATION OF A BIOMOLECULE: (3E)-3-(2,3,4-TRIMETHOXYPHENYL) METHYLIDENE) - 2,3-DIHYDRO-4H-1-BENZOPYRAN-4-ONE

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- Research Scholar/student

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Name of the participant *

SAMARJIT SARMAH

Your email id *

samarjitsarmah59@gmail.com

Enter your whatsapp phone no *

9401399530

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar


Confirm whether you participate *

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Abstract title

Photoresponse performances of UV-visible photodetectors based on as-prepared and annealed ZnO-PS:
p-Si heterostructure: a comparative study

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Name of the participant *

SAMARJITSARMHAH

Your email id *

samarjitsarmah59@gmail.com

Enter your whatsapp phone no *

9401399530

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar


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Photoresponse performances of UV-visible photodetectors based on as-prepared and annealed ZnO-PS:
p-Si heterostructure: a comparative study

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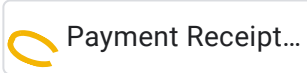
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Name of the participant *

Khumanthem Helensana Devi

Your email id *

helensanakhumanthem2@gmail.com

Enter your whatsapp phone no *

8732054108

Affiliation (Name of your institution) *

Manipur University

Designation *

Scholar


Confirm whether you participate *

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Abstract title

Revisiting the mass degeneracy of neutrinos in the light of renormalisation

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Preference of the mode of presentation

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Type of registration *

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Name of the participant *

Khumanthem Helensana Devi

Your email id *

helensanakhumanthem2@gmail.com

Enter your whatsapp phone no *

8732054108

Affiliation (Name of your institution) *

Manipur University

Designation *

Scholar


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Abstract title

Revisiting the mass degeneracy of neutrinos in the light of renormalisation

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Name of the participant *

SHYAM LOCHAN BORA

Your email id *

shyamlochan04@gmail.com

Enter your whatsapp phone no *

8399958312

Affiliation (Name of your institution) *

D.D.R. College, Chabua, Dibrugarh

Designation *

Assistant Professor


Confirm whether you participate *

- with paper
- without paper

Abstract title

Analysis of flood and drought years between 1901-2020 in seven Northeastern states of India

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SHYAM LOCHAN BORA

Your email id *

shyamlochan04@gmail.com

Enter your whatsapp phone no *

8399958312

Affiliation (Name of your institution) *

D.D.R. College, Chabua, Dibrugarh

Designation *

Assistant Professor


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Abstract title

Analysis of flood and drought years between 1901-2020 in seven Northeastern states of India

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LAVINA SARMA

Your email id *

sarmalavina@gmail.com

Enter your whatsapp phone no *

7002785497

Affiliation (Name of your institution) *

TEZPUR UNIVERSITY

Designation *

PhD Student


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Abstract title

Impact of one zero textures on baryogenesis in a flavor symmetric scotogenic model

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Nayana Gautam

Your email id *

nayanagtm72@gmail.com

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8721971899

Affiliation (Name of your institution) *

Tezpur University

Designation *

PhD Student


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Abstract title

Impact of texture zeros on leptogenesis within minimal inverse seesaw framework

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Patricia Mary Kharmawlong

Your email id *

pkharmawlong8@gmail.com

Enter your whatsapp phone no *

9612734731

Affiliation (Name of your institution) *

North Eastern Hill University, Shillong - 793022

Designation *

Research Scholar


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Abstract title

Transport of a particle driven periodically in a time-varying friction

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Bichitra Bijay Boruah

Your email id *

bichitra.phy@gmail.com

Enter your whatsapp phone no *

+919706328977

Affiliation (Name of your institution) *

Tezpur University

Designation *

PhD student


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Abstract title

Lepton flavor violation in flavor symmetric scotogenic model

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MARLA PRASANTI

Your email id *

marlaprasanti23@gmail.com

Enter your whatsapp phone no *

8339026566

Affiliation (Name of your institution) *

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Designation *

Research Scholar


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Abstract title

Approach with DFT for Non-Linear Optical Properties of Organic Molecular Complexes

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Neelam Chetry

Your email id *

neelamchetry5@gmail.com

Enter your whatsapp phone no *

8258038975

Affiliation (Name of your institution) *

North Eastern Regional Institute of Science and Technology

Designation *

Research Scholar


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Abstract title

Intermolecular interaction study, Bioactivity score, Quantum chemical calculation and Spectroscopic study of L-Threonine in Polar Aprotic Solvent.

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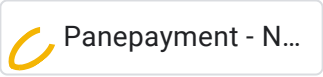
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Mayengbam Kishan Singh

Your email id *

kishan@manipuruniv.ac.in

Enter your whatsapp phone no *

9378119549

Affiliation (Name of your institution) *

Department of Physics, Manipur University

Designation *

Mr.


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Abstract title

Minimal extension of seesaw mechanism in A4 symmetry and its phenomenological consequences

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D. ANGELINE SHIRMILA

Your email id *

angelineshirmila2006@gmail.com

Enter your whatsapp phone no *

9940380067

Affiliation (Name of your institution) *

QUEEN MARY'S COLLEGE (A), CHENNAI-04, TAMIL NADU, INDIA.

Designation *

RESEARCH SCHOLAR

Confirm whether you participate *

- with paper
- without paper

Abstract title

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

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Parminder Kaur

Your email id *

smaghparminder@gmail.com

Enter your whatsapp phone no *

9878560960

Affiliation (Name of your institution) *

Tripura University

Designation *

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Abstract title

SEM-EDX based morphological and chemical characterization of aerosols generated during wood burning

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Sangeeta Dey

Your email id *

sangeetarimpi39@gmail.com

Enter your whatsapp phone no *

8638004996

Affiliation (Name of your institution) *

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RESEARCH SCHOLAR


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Abstract title

Symmetry realization of neutrino mass matrix with one vanishing minor and vanishing trace using Froggatt-Nielsen Mechanism

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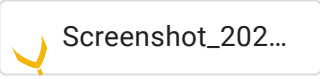
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Name of the participant *

Pradhyut Rajkumar

Your email id *

pradhyut46@gmail.com

Enter your whatsapp phone no *

+919706593950

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar

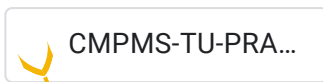
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Abstract title

Structure-optical property relationship of sputtered AgNP/ZnO μ R heterostructure

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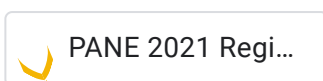
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ABDUL AZIZ

Your email id *

aaziz.phys@gmail.com

Enter your whatsapp phone no *

6001313406

Affiliation (Name of your institution) *

ASSAM UNIVERSITY, SILCHAR

Designation *

RESEARCH SCHOLAR

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Abstract title

Masses of heavy-flavoured Meson in a potential Model Approach with Wave Function containing Airy^{''''''<}

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KONTHOUJAM PRIYANADA SINGH

Your email id *

pknandasingsh@gmail.com

Enter your whatsapp phone no *

8837436172

Affiliation (Name of your institution) *

national institute of technology, manipur

Designation *

RESEARCH SCHOLAR


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Abstract title

Study of electrochemical properties of LiFePO₄ by varying H₃PO₄ concentration and the LiFePO₄/zeolite composite

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Ningthoujam Joseph singh

Your email id *

ningthoujamjoseph44@gmail.com

Enter your whatsapp phone no *

7005415649

Affiliation (Name of your institution) *

National Institute of Technology Manipur

Designation *

Research Scholar


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Abstract title

Zeolite incorporated iron oxide nanoparticles for congo red dye adsorption

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Boris Wareppam

Your email id *

brswareppam@gmail.com

Enter your whatsapp phone no *

8787890167

Affiliation (Name of your institution) *

National Institute of Technology Manipur

Designation *

Research Scholar


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Abstract title

Zn Based Metal Organic Framework For Adsorption of Anionic and Cationic Dye

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Manthan Ghosh

Your email id *

ghoshmanthan2014@gmail.com

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9738245409

Affiliation (Name of your institution) *

Tripura University

Designation *

M.Tech PG Student

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Abstract title

Benchmarking of Representative DNN Architectures for Detection of Various Types of Optical Noise

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TANMOY DEBNATH

Your email id *

tanmoyece2021@gmail.com

Enter your whatsapp phone no *

7005251994

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TRIPURA UNIVERSITY

Designation *

M.TECH (PG STUDENT)

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Abstract title

A Review on the 5 Channel WDM System Transmitting PAM-4 Signal in Long Haul Optical Fiber Communication

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Dr. Sarangthem Nabadwip Singh

Your email id *

singhnabadwip@gmail.com

Enter your whatsapp phone no *

+919862276653

Affiliation (Name of your institution) *

Oriental College (Autonomous), Takyel, Imphal, Manipu

Designation *

Assistant Professor


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Abstract title

Analysis of thermoluminescence of natural salt by simplified General One Trap differential equation.

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Nabendu Kumar Deb

Your email id *

nd_globe@yahoo.co.in

Enter your whatsapp phone no *

8011128903

Affiliation (Name of your institution) *

Department of Physics, Gauhati University, Guwahati-781014, Assam

Designation *

Research Scholar

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Abstract title

Subsisting oxidizing material and parting agent selection in the fabrication of nuclear target

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Dr. J. MARIN SAM GNANARAJ

Your email id *

martinsamgnanarajj@ssn.edu.in

Enter your whatsapp phone no *

7708303041

Affiliation (Name of your institution) *

SSN RESEARCH CENTRE, SSN COLLEGE OF ENGINEERING, KALAVAKKAM

Designation *

POST DOCTORAL FELLOW

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Abstract title

Extraction of Transition Metals from Furnace Dust and Facile synthesis of Metal Oxide nanoparticles for optical limiting applications

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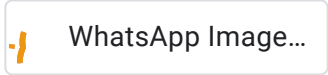
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Name of the participant *

MRINMAY MEDHI

Your email id *

mrinmaymedhi@gmail.com

Enter your whatsapp phone no *

8761021248

Affiliation (Name of your institution) *

BHATTADEV UNIVERSITY

Designation *

Research Scholar


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Abstract title

Contribution of Proton Capture Reactions to the Abundances of Phosphorus and Sulfur in FGK Stars

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Dr. Manjit Borah

Your email id *

manjit244@gmail.com

Enter your whatsapp phone no *

8876505265

Affiliation (Name of your institution) *

Goalpara College

Designation *

Assistant Professor

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- with paper
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Abstract title

Structural, optical and frequency dependent dielectric properties of solid-state derived complex perovskite $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ (NBT) nanostructured system

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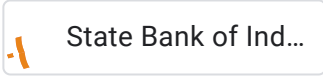
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SUTAPA DEB

Your email id *

sutapadebchem@gmail.com

Enter your whatsapp phone no *

8794066730

Affiliation (Name of your institution) *

Dept. of Chemistry, Tripura University

Designation *

Research Scholar


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Abstract title

Incorporation of Bile-Salt and Laser Dye Using Layer by Layer self-assembled technique

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Name of the participant *

Utpal Sarkar

Your email id *

otpal77@gmail.com

Enter your whatsapp phone no *

9774132219

Affiliation (Name of your institution) *

Tripura University

Designation *

Research Scholar

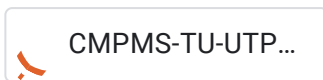
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Abstract title

First-principle investigation of structural, electronic and optical properties of hexagonal wurtzite $\text{Mg}_x\text{Zn}_{1-x}\text{Te}$ ternary alloys

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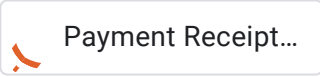
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Name of the participant *

Lisham Paris Chanu

Your email id *

lishamparis@manipuruniv.ac.in

Enter your whatsapp phone no *

9774564698

Affiliation (Name of your institution) *

Department of Physics, Manipur University

Designation *

PhD Scholar


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Abstract title

Study on structural and electrical transport properties of $\text{YMn}_{0.9}\text{Cr}_{0.1}\text{O}_3$

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Name of the participant *

PALLABI BORO

Your email id *

pallabiboro21@gmail.com

Enter your whatsapp phone no *

9101350148

Affiliation (Name of your institution) *

GAUHATI UNIVERSITY

Designation *

Ph D Research Scholar


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Abstract title

Effect of variation of reaction time upon synthesized PVA/CdS/ZnS core/shell Nanoparticles

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Name of the participant *

DIPAK BARMAN

Your email id *

dipak@gauhati.ac.in

Enter your whatsapp phone no *

9560939362

Affiliation (Name of your institution) *

GAUHATI UNIVERSITY

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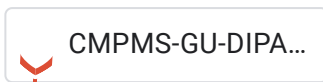
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Abstract title

Wide range tunability of surface plasmon resonance of nanostructured Ag deposited by off-axis magnetron sputtering

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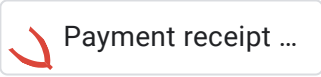
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AMLAN JYOTI BORAH

Your email id *

amlanjyoti001@gmail.com

Enter your whatsapp phone no *

9577764202

Affiliation (Name of your institution) *

DEPARTMENT OF PHYSICS, GAUHATI UNIVERSITY

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Abstract title

Light from the firefly *Luciola praeusta* at very low temperatures

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Victoria Puyam

Your email id *

victoriapuyam@gmail.com

Enter your whatsapp phone no *

9089175948

Affiliation (Name of your institution) *

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Abstract title

Minimally modified A4 model for neutrino masses and mixings

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Victoria Puyam

Your email id *

victoriapuyam@gmail.com

Enter your whatsapp phone no *

9089175948

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Manipur University

Designation *

Research Scholar


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Abstract title

Minimally modified A4 model for neutrino masses and mixings

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SHOUGAIJAM ANJU DEVI

Your email id *

anjupepe10@gmail.com

Enter your whatsapp phone no *

7005838971

Affiliation (Name of your institution) *

Department of Physics, Manipur University

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Abstract title

Visible Light Driven Photocatalytic Activities of Metal Sulfides Synthesized by Simple Co-Precipitation Method

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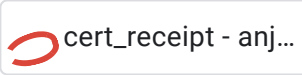
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TOIJAM SUMA CHANU

Your email id *

sumatoijam1@gmail.com

Enter your whatsapp phone no *

8794550249

Affiliation (Name of your institution) *

Manipur University, Canchipur, Imphal-795003

Designation *

Research scholar

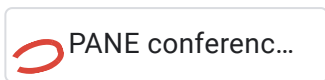
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Abstract title

The influence of ZnO nanoparticles on the Structural, Optical and Dielectric properties of Polyvinyl Alcohol films

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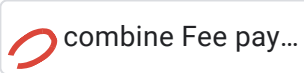
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Laishram Rashi Devi

Your email id *

rashilaishram@manipuruniv.ac.in

Enter your whatsapp phone no *

8415877407

Affiliation (Name of your institution) *

Department of Physics, Manipur University

Designation *

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Abstract title

Structural and Optical Parameters of Sol-Gel Derived Barium Strontium Titanate (BST) Thin Film

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Elangbam Churchill Singh

Your email id *

churchillelang@manipuruniv.ac.in

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9774072127

Affiliation (Name of your institution) *

Manipur University

Designation *

Research Scholar

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Abstract title

Structural and dielectrical analysis of rare earth doped Bismuth Ferrite Nanoparticle at high frequency

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ADHIKARIMAYUM DEEPAK SHARMA

Your email id *

adeepaksh@manipuruniv.ac.in

Enter your whatsapp phone no *

+919774267520

Affiliation (Name of your institution) *

Manipur University, Canchipur

Designation *

Research Scholar


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Abstract title

Structural, Optical, and dispersive parameters of (Gd, Mn) co-doped BiFeO₃ thin film.

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Laishram Rashi Devi

Your email id *

rashilaishram@manipuruniv.ac.in

Enter your whatsapp phone no *

8415877407

Affiliation (Name of your institution) *

Department of Physics, Manipur University

Designation *

Research Scholar


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Abstract title

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Sabina Yeasmin

Your email id *

sabyes22@gmail.com

Enter your whatsapp phone no *

9854512237

Affiliation (Name of your institution) *

Assam University, Silchar

Designation *

Ph.D. Research Scholar


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Abstract title

Perturbation Spectra in Warm Chromo-Natural Inflation

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SIJOY CHANDRA BORO

Your email id *

sijoychandraboro@gmail.com

Enter your whatsapp phone no *

9132836021

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar


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Abstract title

Crystallite size and band gap variation of tungsten trioxide dihydrate nanocrystals prepared under different conditions

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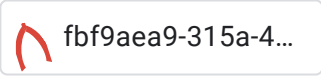
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Lairellakpam Anju chanu

Your email id *

anjulairellakpam@gmail.com

Enter your whatsapp phone no *

070 0515 2901

Affiliation (Name of your institution) *

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Abstract title

UV light illuminated photodegradation of Malachite green dye using ZnO/CuO nanocomposites

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Pramod Kumar Shah

Your email id *

physhahpramod@gmail.com

Enter your whatsapp phone no *

9774587811

Affiliation (Name of your institution) *

Assam University, Silchar

Designation *

Research Scholar

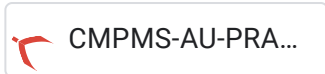
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Abstract title

A DFT study on the reactions of ruthenium anticancer drug KP1019 with DNA Bases

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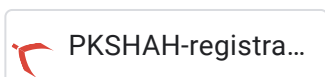
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Jnanraj Borah

Your email id *

jnanrajborah@gauhati.ac.in

Enter your whatsapp phone no *

9859563189

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar


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Abstract title

Structural, optical and electrical properties of CuO nanostructures prepared by reactive DC magnetron sputtering

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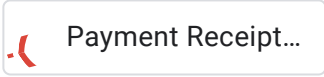
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Sonia Nambram

Your email id *

enaonambram@gmail.com

Enter your whatsapp phone no *

9615353087

Affiliation (Name of your institution) *

Manipur University

Designation *

Research Scholar


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Abstract title

Color tunable Gd₂O₃:Dy⁺ nanophosphors under different excitation wavelengths

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KHURAIJAM JYOTSNA

Your email id *

jyotsnakhurajam@gmail.com

Enter your whatsapp phone no *

9774936434

Affiliation (Name of your institution) *

Manipur University

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Abstract title

Effect of Fe Substitution on the Properties of Sodium Bismuth Titanate

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GARGI SEN

Your email id *

sengargi21@gmail.com

Enter your whatsapp phone no *

7501207303

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IIT Guwahati

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Abstract title

Study of the standing shock in the accretion flow around KTN black-hole.

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Name of the participant *

JYOTIRMOY KALITA

Your email id *

jyotirmoy.physics@tripurauniv.in

Enter your whatsapp phone no *

+91-7577980894

Affiliation (Name of your institution) *

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Abstract title

Impact of Acedelia Strom Track (AST) in Martian Atmosphere during MY 33 and 34

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Name of the participant *

KABITA DEKA

Your email id *

kabitadeka93@gmail.com

Enter your whatsapp phone no *

8011809328

Affiliation (Name of your institution) *

Tezpur University

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Abstract title

A study of the effects of histogram binning on the accuracy of finding flux distribution of X-ray Binaries

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Chayanika Chetia

Your email id *

chayanikachetia111@gmail.com

Enter your whatsapp phone no *

9864338471

Affiliation (Name of your institution) *

Dibrugarh University

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Research Scholar

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Abstract title

A study on the effect of particle creation in the framework of Saez-Ballester theory of gravity

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Alpana Baidya

Your email id *

baidyaalpana@rediffmail.com

Enter your whatsapp phone no *

9436927961

Affiliation (Name of your institution) *

Department of Chemistry, Tripura University

Designation *

Research Scholar

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Abstract title

Unique aggregation pattern of Perylene Bisimide based U shaped liquid crystal of PBI-Se on Langmuir-Blodgett thin film.

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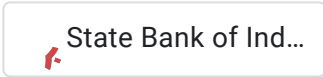
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Angkita Hazarika

Your email id *

angkitahazarika1@gmail.com

Enter your whatsapp phone no *

8473059662

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Ph.D Scholar


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Abstract title

Multi model predictability assessment of TEC during solar minimum around 100°E

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Name of the participant *

Tapashi Das

Your email id *

t4tapashi@gmail.com

Enter your whatsapp phone no *

8011708429

Affiliation (Name of your institution) *

Madhab Choudhury College

Designation *

Assistant Professor


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Abstract title

Two and Three Loop Effects in the RMS radii of Heavy Flavored Mesons in a QCD Potential Model

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Elangbam Churchill Singh

Your email id *

churchillelang@manipuruniv.ac.in

Enter your whatsapp phone no *

9774072127

Affiliation (Name of your institution) *

Manipur University

Designation *

Research Scholar


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Abstract title

Structural and dielectrical analysis of rare earth doped Bismuth Ferrite Nanoparticle at high frequency.

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Name of the participant *

Laishangbam Chanu Sonia

Your email id *

laishangbamsonia@gmail.com

Enter your whatsapp phone no *

825802850

Affiliation (Name of your institution) *

Manipur University

Designation *

Research Scholar


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Abstract title

Study on structural, optical and magnetic properties of cobalt substituted magnetite nanoparticles for ferrofluid applications

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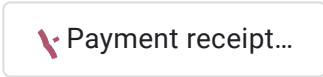
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Name of the participant *

M Daniel Ranjan

Your email id *

danielranjan.m2020@vitstudent.ac.in

Enter your whatsapp phone no *

9444799144

Affiliation (Name of your institution) *

Vellore Institute of Technology, Chennai

Designation *

Research Scholar

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Abstract title

Shadow of Rotating Charged Morris Thorne Wormhole

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ADHIKARIMAYUM DEEPAK SHARMA

Your email id *

adeepaksh@manipuruniv.ac.in

Enter your whatsapp phone no *

+919774267520

Affiliation (Name of your institution) *

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Designation *

Research Scholar


Confirm whether you participate *

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Abstract title

Structural, Optical, and dispersive parameters of (Gd, Mn) co-doped BiFeO₃ thin film.

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 Abstract Structur...


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Name of the participant *

SAPAM GAYATRI DEVI

Your email id *

gayatri.20sap@gmail.com

Enter your whatsapp phone no *

8971921848

Affiliation (Name of your institution) *

Department of Physics, Manipur University

Designation *

Research Scholar


Confirm whether you participate *

- with paper
- without paper

Abstract title

Quantum gravity effects on Hawking radiation of vector particles from rotating BTZ black hole

Upload your abstract in MS-Word format only

 Pane - Gayatri Sa...

Preference of the mode of presentation

- Oral
- Poster

Type of registration *

- Regular
- Research Scholar/student

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Mispaur Rahaman

Your email id *

mispaur@gmail.com

Enter your whatsapp phone no *

9774123891

Affiliation (Name of your institution) *

Tripura University (A central University)

Designation *

PG Student


Confirm whether you participate *

- with paper
- without paper

Abstract title

Implementation of Optical Subtractor using Micro Ring Resonator loaded Mach–Zehnder Structure

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 CI- TU- Mispaur ...


Preference of the mode of presentation

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- Poster

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Name of the participant *

SESHADRI MAJUMDER

Your email id *

smajumder@iitg.ac.in

Enter your whatsapp phone no *

8981339576

Affiliation (Name of your institution) *

Indian Institute of Technology, Guwahati

Designation *

Research Scholar


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- with paper
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Abstract title

Wide-band view of High Frequency QPOs of GRS 1915+105 in 'softer' variability classes observed with AstroSat

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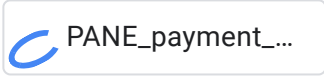
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Name of the participant *

Harun Al Rashid

Your email id *

Rashidharunal5@gmail.com

Enter your whatsapp phone no *

6001882443

Affiliation (Name of your institution) *

Department of Physics, Gauhati University, Assam-781014

Designation *

Research Scholar


Confirm whether you participate *

- with paper
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Abstract title

Optical Model Analysis of $6\text{Li}+40\text{Ca}$ Using Double Folding and Wood-Saxon Potential

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Preference of the mode of presentation

- Oral
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Type of registration *

- Regular
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Name of the participant *

Thounaojam Punshilembi

Your email id *

thounapunshi56@gmail.com

Enter your whatsapp phone no *

7005678437

Affiliation (Name of your institution) *

Manipur University

Designation *

Research scholar

Confirm whether you participate *

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Abstract title

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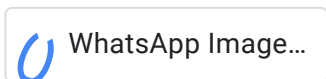
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Type of registration *

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RESHMA PERAYIL

Your email id *

reshmaperayil@gmail.com

Enter your whatsapp phone no *

9446292223

Affiliation (Name of your institution) *

S.N.POLYTECHNIC COLLEGE, KANHANGAD

Designation *

PROFESSOR OF PHYSICS


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Abstract title

QUANTUM SYSTEMS - A PEDAGOGIC APPROACH

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NISHANTH P

Your email id *

mailnishanthp@yahoo.com

Enter your whatsapp phone no *

9633103505

Affiliation (Name of your institution) *

Kannur University

Designation *

Research Scholar


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Abstract title

Physics of Edakka

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Preference of the mode of presentation

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NISHANTH P

Your email id *

mailnishanthp@yahoo.com

Enter your whatsapp phone no *

9633103505

Affiliation (Name of your institution) *

Kannur University

Designation *

Research Scholar


Confirm whether you participate *

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Abstract title

Physics of Edakka

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Type of registration *

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Name of the participant *

Amar Das

Your email id *

amarbhdas@gmail.com

Enter your whatsapp phone no *

8472827528

Affiliation (Name of your institution) *

Gauhati University

Designation *

Reseach Scholar

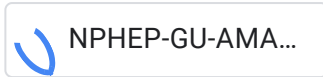
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Abstract title

Investigation of fusion suppression and projectile breakup using classical trajectory method

Upload your abstract in MS-Word format only



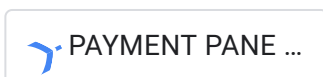
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Moirangthem Nara Singh

Your email id *

naraphysicist@gmail.com

Enter your whatsapp phone no *

7576851470

Affiliation (Name of your institution) *

Dr. B Borooah Cancer Institute, Guwahati

Designation *

Scientific Officer "D"


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Abstract title

Studies on Electron Traps in NaI: Tl scintillating crystal by thermoluminescence

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Dr. Jhuma Biswas

Your email id *

jhumabiswasdu@gmail.com

Enter your whatsapp phone no *

9101958575

Affiliation (Name of your institution) *

Pandu College

Designation *

Assistant Professor

Confirm whether you participate *

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Abstract title

Effects of COVID-19 pandemic lockdown: A satellite data-based appraisal of air quality in Guwahati, Assam

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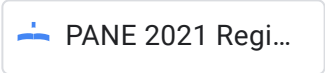
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Name of the participant *

Aritrika Saha

Your email id *

chinki.saha27@gmail.com

Enter your whatsapp phone no *

7978675820

Affiliation (Name of your institution) *

Tripura University

Designation *

M.Tech student

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Abstract title

Water Quality Assessment Of Different Samples Collected From Various Locations Of Tripura University Campus And Selection Of Appropriate Point Of Use Water Purification Technology

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JODIE T. RYNGNGA

Your email id *

ryngngajodie@gmail.com

Enter your whatsapp phone no *

977 465 8419

Affiliation (Name of your institution) *

NORTH EASTERN HILL UNIVERSITY

Designation *

RESEARCH SCHOLAR

Confirm whether you participate *

- with paper
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Abstract title

Covariance analysis of efficiency calibration of NaI(Tl) detector

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Dr. Jhuma Biswas

Your email id *

jhumabiswasdu@gmail.com

Enter your whatsapp phone no *

9101958575

Affiliation (Name of your institution) *

Pandu College

Designation *

Assistant Professor


Confirm whether you participate *

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Abstract title

Effects of COVID-19 pandemic lockdown: A satellite data-based appraisal of air quality in Guwahati, Assam

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Name of the participant *

PRASANTH P

Your email id *

prasanthpnairg@gmail.com

Enter your whatsapp phone no *

6238819334

Affiliation (Name of your institution) *

GOVERNMENT ENGINEERING COLLEGE, THRISSUR, KERALA

Designation *

ASSISTANT PROFESSOR


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- with paper
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Abstract title

DEFINING TEMPERATURE

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Tiasha Shome

Your email id *

tshome2203@gmail.com

Enter your whatsapp phone no *

9485350725

Affiliation (Name of your institution) *

Tripura University

Designation *

Pursuing M.tech


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Abstract title

Design of an optical X-NOR gate using micro-ring resonator

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Name of the participant *

Moh Vaseem Akram

Your email id *

jmiphy@gmail.com

Enter your whatsapp phone no *

9716389850

Affiliation (Name of your institution) *

Jamia Millia Islamia

Designation *

Research Scholar


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- with paper
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Abstract title

Landau–Lifshitz pseudotensor in the presence of cosmological constant

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DIPTIMONTA NEOG

Your email id *

diptimontaneog@yahoo.com

Enter your whatsapp phone no *

9859100558

Affiliation (Name of your institution) *

North Eastern Regional Institute of Science and Technology

Designation *

Research Scholar

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Abstract title

A comparative study of some Parton Distribution Function sets

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Somas Singh Urikhinbam

Your email id *

urikhinbamsomas@gmail.com

Enter your whatsapp phone no *

9650939989

Affiliation (Name of your institution) *

National Institute of Technology Manipur

Designation *

Research Scholar


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Abstract title

Molecular dynamic simulation study of size polydispersed ionic liquid: effect on static properties

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Name of the participant *

ARUP PATARI

Your email id *

aruppatari@gmail.com

Enter your whatsapp phone no *

9774752476

Affiliation (Name of your institution) *

ISWARCHANDRA VIDYASAGAR COLLEGE

Designation *

ASSISTANT PROFESSOR

Confirm whether you participate *

- with paper
- without paper

Abstract title

Influence of the remote celestial event like gamma ray burst GRB 190114C on the total electron content of the earth's ionosphere: A case study

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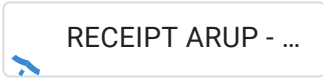
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Name of the participant *

Aravind

Your email id *

aravindlive96@gmail.com

Enter your whatsapp phone no *

7559814314

Affiliation (Name of your institution) *

A.V. Abdurahiman Haji Arts & Science College (Affiliated to the University of Calicut)

Designation *

Assistant Professor

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Abstract title

Understanding the relationship between the two theorems: Virial and Equipartition

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Name of the participant *

Joydeb Saha

Your email id *

joydebphysics@gmail.com

Enter your whatsapp phone no *

8257997067

Affiliation (Name of your institution) *

Tripura University

Designation *

Research Scholar

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Abstract title

Global Climate Feedback Studies of Cirrus Reflectance, Specific Humidity in Relation with Lightning

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Name of the participant *

Jyatsnasree Bora

Your email id *

jyatnasree.borah@gmail.com

Enter your whatsapp phone no *

8474886529

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Research scholar


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Abstract title

Echoes of gravitational waves in GR with non-vanishing Lambda

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Name of the participant *

Jyatsnasree Bora

Your email id *

jyatnasree.borah@gmail.com

Enter your whatsapp phone no *

8474886529

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Research scholar


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Abstract title

Asteroseismology of strange star in GR with non-vanishing Lambda

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Name of the participant *

LAISHRAM RASHI DEVI

Your email id *

rashilaishram@manipuruniv.ac.in

Enter your whatsapp phone no *

8415877407

Affiliation (Name of your institution) *

MANIPUR UNIVERSITY, CANCHIPUR

Designation *

RESEARCH SCHOLAR

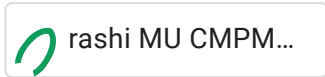
Confirm whether you participate *

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Abstract title

Structural and Optical Parameters of Sol-Gel Derived Barium Strontium Titanate (BST) Thin Film

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Name of the participant *

Mayengbam Kishan Singh

Your email id *

kishan@manipuruniv.ac.in

Enter your whatsapp phone no *

9378119549

Affiliation (Name of your institution) *

Department of Physics, Manipur University

Designation *

Research Scholar


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Abstract title

Minimal extension of seesaw mechanism in A4 symmetry and its phenomenological consequences

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Name of the participant *

ARUP PATARI

Your email id *

aruppatari@gmail.com

Enter your whatsapp phone no *

9774752476

Affiliation (Name of your institution) *

ISWARCHANDRA VIDYASAGAR COLLEGE

Designation *

ASSISTANT PROFESSOR


Confirm whether you participate *

- with paper
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Abstract title

Influence of the remote celestial event like gamma ray burst GRB 190114C on the total electron content of the earth's ionosphere: A case study

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Name of the participant *

DEVA PRATIM MAHANTA

Your email id *

DEVAPRATIMMAHANTA@GMAIL.COM

Enter your whatsapp phone no *

8638666877

Affiliation (Name of your institution) *

BHATTADEV UNIVERSITY

Designation *

RESEARCH SCHOLAR

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Abstract title

A Study on Contribution of Proton Capture Reaction to the Abundances of Neon, Magnesium and Aluminum in B-type and HgMn Stars

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Name of the participant *

Thoudam Vilip Singh

Your email id *

thoudamsinghsingh@gmail.com

Enter your whatsapp phone no *

+918732896955

Affiliation (Name of your institution) *

National Institute of Technology Manipur

Designation *

Research Scholar


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Abstract title

Size dependence of force extension behaviour in energy polydisperse polymers

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Name of the participant *

Ningthoukhongjam Kirtimala Devi

Your email id *

n.kirtimala@gmail.com

Enter your whatsapp phone no *

7630904007

Affiliation (Name of your institution) *

Presidency College, Motbung, Manipur

Designation *

Assistant Professor, Department of Physics


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Abstract title

Study of dielectric properties and ac conductivity of zinc ferrite synthesized by chemical coprecipitation technique.

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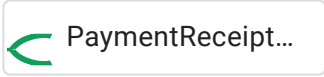
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Name of the participant *

Thokchom Premkumar Meitei

Your email id *

premkumarthkchom12@gmail.com

Enter your whatsapp phone no *

9667428897

Affiliation (Name of your institution) *

National Institute of Technology Manipur

Designation *

Research scholar


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Abstract title

Transport properties of polydisperse hard sphere system

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ANIMESH BARMAN

Your email id *

animeshinphysics1@gmail.com

Enter your whatsapp phone no *

8399809050

Affiliation (Name of your institution) *

Tezpur University

Designation *

Research Scholar

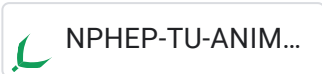
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Abstract title

Non-zero Θ_{13} , Deviation of Tri-bimaximal neutrino mixing and A4 discrete flavor symmetries

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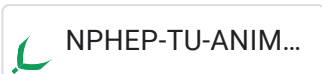
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ANIMESH BARMAN

Your email id *

animeshinphysics1@gmail.com

Enter your whatsapp phone no *

8399809050

Affiliation (Name of your institution) *

TEZPUR UNIVERSITY

Designation *

RESEARCH SCHOLAR

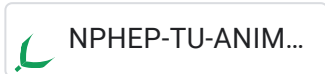
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Abstract title

Non-zero Θ_{13} , Deviation of Tri-bimaximal neutrino mixing and A4 discrete flavor symmetries

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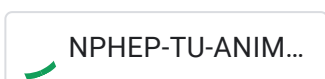
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Name of the participant *

Alok Kumar Das

Your email id *

alokdas5500@gmail.com

Enter your whatsapp phone no *

8135028113

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Research Scholar

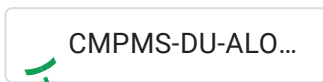
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Abstract title

Effect of deposition time on the structural and optical properties of CdSSe/PVA thin films prepared by chemical bath deposition technique

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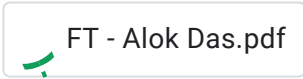
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Dhruba Jyoti Gogoi

Your email id *

moloydhruba@gmail.com

Enter your whatsapp phone no *

9577808925

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Doctoral Researcher


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Abstract title

Quasinormal modes of non-linear Electrodynamical Black holes in Rastall gravity surrounded by Dark Energy fields

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Name of the participant *

Nilavjoti Hazaika

Your email id *

hnilavjoti@gmail.com

Enter your whatsapp phone no *

8876174308

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar

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Abstract title

Dark matter phenomenology and Higgs vacuum stability in a Scotogenic extension of Inert Higgs Doublet Dark Matter Model

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Dhruba Jyoti Gogoi

Your email id *

moloydhruba@gmail.com

Enter your whatsapp phone no *

9577808925

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Doctoral Researcher

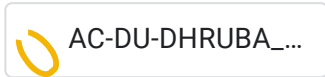
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Abstract title

Testing and Constraining a new $f(R)$ gravity model in Palatini formalism

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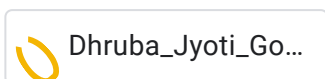
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Name of the participant *

SAMIK MITRA

Your email id *

m.samik@iitg.ac.in

Enter your whatsapp phone no *

8961134738

Affiliation (Name of your institution) *

IIT GUWAHATI

Designation *

RESEARCH SCHOLAR

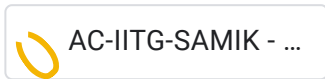
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Abstract title

Steady-state analysis of General Relativistic Magnetohydrodynamics (GRMHD) accretion flows around black hole space-time

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Name of the participant *

Heisnam Nungshibabu Singh

Your email id *

nungshibabu1976@gmail.com

Enter your whatsapp phone no *

9856146607

Affiliation (Name of your institution) *

Manipur University

Designation *

Research Scholar


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Abstract title

Analysis of LiF, Mg, Cu, P in the new general order kinetics

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Name of the participant *

Alok Kumar Das

Your email id *

alokdas5500@gmail.com

Enter your whatsapp phone no *

8135028113

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Research Scholar

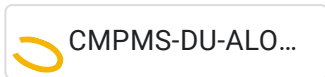
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Abstract title

Effect of deposition time on the structural and optical properties of CdSSe/PVA thin films prepared by chemical bath deposition technique

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Name of the participant *

FRANCIS IAWPHNIAW

Your email id *

francis@anthonys.ac.in

Enter your whatsapp phone no *

7085058688

Affiliation (Name of your institution) *

Assam Don Bosco University

Designation *

Research scholar

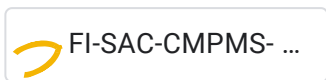
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Abstract title

Noise assisted particle transport and particle diffusion in an under-damped inhomogeneous periodic potential system

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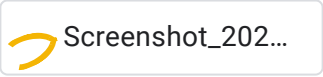
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Dr. Debika Kangsha Banik

Your email id *

debikabanik05@gmail.com

Enter your whatsapp phone no *

8399064842

Affiliation (Name of your institution) *

Department of Physics, Barnagar College, Sorbhog, Barpeta, Assam

Designation *

Assistant Professor

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Abstract title

Λ CDM Model in Born Infeld $f(R)$ gravity in the background of Bianchi I Cosmology

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Name of the participant *

Maibam Ricky Devi

Your email id *

deviricky@gmail.com

Enter your whatsapp phone no *

8638209026

Affiliation (Name of your institution) *

DEPARTMENT OF PHYSICS, GAUHATI UNIVERSITY

Designation *

RESEARCH SCHOLAR

Confirm whether you participate *

- with paper
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Abstract title

Pinpointing Octant of the atmospheric mixing angle, θ_{23} for a linear seesaw model under A₄ symmetry

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Name of the participant *

Amar Das

Your email id *

amarbhdas@gmail.com

Enter your whatsapp phone no *

8472827528

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar


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Abstract title

Investigation of fusion suppression and projectile breakup using classical trajectory method

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Name of the participant *

Remlalsiama

Your email id *

rema19992005@gmail.com

Enter your whatsapp phone no *

09436148045

Affiliation (Name of your institution) *

Mizoram University

Designation *

Research Scholar


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Abstract title

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.

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Name of the participant *

Sayantika Chanda

Your email id *

chandasayantika94@gmail.com

Enter your whatsapp phone no *

8794843075

Affiliation (Name of your institution) *

Tripura University

Designation *

Research Scholar


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Abstract title

Effects of doping of zinc and mercury composition-dependent opto-electronic properties of Cd_{1-x}-yZn_xHg_yS quaternary alloys: A First-principles investigation.

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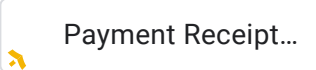
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Name of the participant *

K M S Dawngliana

Your email id *

jerrykms0000@gmail.com

Enter your whatsapp phone no *

8014922473

Affiliation (Name of your institution) *

Mizoram University

Designation *

Research scholar

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Abstract title

Optical basicity and electronic polarizability of Sm³⁺-doped silica glass prepared by sol-gel process

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Dr. Manisha Bajpai

Your email id *

mansa83@gmail.com

Enter your whatsapp phone no *

7905895885

Affiliation (Name of your institution) *

Siddharth University

Designation *

Assistant Professor

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Abstract title

Frequency and composition dependent impedance analysis of PFO: MEH-PPV polymer blends

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Name of the participant *

Pritam Das

Your email id *

prtmdas9@gmail.com

Enter your whatsapp phone no *

8486641577

Affiliation (Name of your institution) *

TEZPUR UNIVERSITY

Designation *

PHD

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Abstract title

Dark matter in the Extended Hyperchargeless Higgs Triplet Model

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Name of the participant *

Barun Maity

Your email id *

bmaity@ncra.tifr.res.in

Enter your whatsapp phone no *

6291729808

Affiliation (Name of your institution) *

NCRA-TIFR

Designation *

Research Scholar

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Abstract title

Efficient Modelling of Cosmic Reionization using SCRIPT

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Name of the participant *

Krishna Debnath

Your email id *

krishu87878@gmail.com

Enter your whatsapp phone no *

8974793214

Affiliation (Name of your institution) *

Tripura University (A Central University)

Designation *

M.Tech Student

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Abstract title

Effect of mechanical milling of fly ash powder on compressive strength of geopolymer

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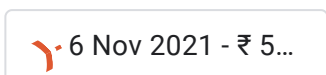
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Name of the participant *

Soumyajeet Majumder

Your email id *

soumyajeetmajumder16031996@gmail.com

Enter your whatsapp phone no *

7044292949

Affiliation (Name of your institution) *

Tripura University

Designation *

PG Student (Material Science and Engineering)


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Abstract title

Ageing and corrosion behaviour study of 6061 Aluminium Alloy

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Name of the participant *

Nurul Alam Mazumder

Your email id *

mazumdernurul7@gmail.com

Enter your whatsapp phone no *

8876539030

Affiliation (Name of your institution) *

National Institute of Technology Silchar

Designation *

Reserarch Scholar


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Abstract title

Amino functionalized coal fly ash: A green and efficient heterogeneous solid base catalyst for Knoevenagel condensation reaction

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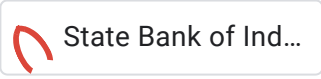
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Name of the participant *

Nurul A. Mazumder

Your email id *

nurulalam_87@yahoo.com

Enter your whatsapp phone no *

9101809244

Affiliation (Name of your institution) *

National Institute of Technology Silchar

Designation *

Research Scholar


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Abstract title

Preparation of fly ash-Ag2O nanoaggregates as highly capable photocatalyst for malachite green dye degradation under solar irradiation

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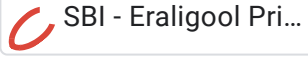
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Name of the participant *

Sajal Sahu

Your email id *

sahusajal@gmail.com

Enter your whatsapp phone no *

9434196064

Affiliation (Name of your institution) *

Ramchandrapur Raisuddin High School

Designation *

Assistant Teacher


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Abstract title

Microstructural, Structural and Peak Profile Analysis of Chemically Grown Bougainvillea Flower-like Zinc Oxide Nanostructures

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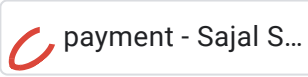
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Lalruatpuia Ralte

Your email id *

Ruatpuiaralte16@gmail.com

Enter your whatsapp phone no *

8794361681

Affiliation (Name of your institution) *

Mizoram University

Designation *

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Abstract title

Spectroscopic Studies of RhB Dye in Silica Matrix

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Dr S Sundaram

Your email id *

sundaram0024@gmail.com

Enter your whatsapp phone no *

9952340080

Affiliation (Name of your institution) *

Nehru Institute of Technology, Coimbatore, Tamilnadu, India

Designation *

Assistant Professor


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Abstract title

THEORETICAL (DFT) INVESTIGATION ON HYDROGEN BONDED BINARY LIQUID CRYSTAL MIXTURE
(4MCA:60BA)

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REMLALSIAMA

Your email id *

rema19992005@gmail.com

Enter your whatsapp phone no *

09436148045

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Abstract title

Assessment of Radon Content in Water of oil exploration areas Using Smart RnDuo in Mizoram, india

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Krishna Debnath

Your email id *

krishu87878@gmail.com

Enter your whatsapp phone no *

8974793214

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Tripura University (A central University)

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Abstract title

Effect of mechanical milling of fly ash powder on compressive strength of geopolymer

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Arindam Bhadra

Your email id *

bhadraarindam02@gmail.com

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7005711477

Affiliation (Name of your institution) *

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M.Tech Student


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Abstract title

Durability study of geopolymer synthesized from industrial waste

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K.MOHAMMED MURTHUZA

Your email id *

muthuza@gmail.com

Enter your whatsapp phone no *

+971567058698

Affiliation (Name of your institution) *

GOVERNMENT ARTS COLLEGE,SALEM-636007, TAMILNADU,INDIA

Designation *

RESEARCH SCHOLAR

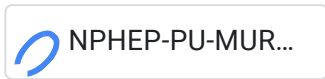
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Abstract title

Statistical Analysis of Natural Radioactivity Measurements for the Soil of Tiruvannamalai District,
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Md. Jashim Uddin

Your email id *

uddinjashim557@gmail.com

Enter your whatsapp phone no *

09862156190

Affiliation (Name of your institution) *

Tripura University

Designation *

Sr. Technical Assistant (Lab) and Research Scholar


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Abstract title

Physico-chemical analysis and antioxidant properties of tinctures of Diospyros melabarica (Desr.)
Kostel: A Preliminary Report

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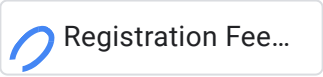
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Anindita Bhattacharjee

Your email id *

anindita17bhattacharjee@gmail.com

Enter your whatsapp phone no *

9774934831

Affiliation (Name of your institution) *

Tripura University

Designation *

Research Scholar

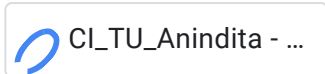
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Abstract title

Design of a compact UWB MIMO-Diversity Antenna for wireless communication application

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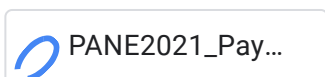
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ROHIT GAUTAM

Your email id *

rohitgm62@gmail.com

Enter your whatsapp phone no *

8402026449

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Research Scholar

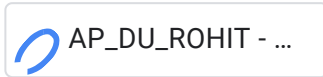
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Abstract title

Interaction of radiation with atmospheric constituents and consequent dark heating of the atmosphere

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ROHIT GAUTAM

Your email id *

rohitgm62@gmail.com

Enter your whatsapp phone no *

8402026449

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Research Scholar


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Abstract title

Interaction of radiation with atmospheric constituents and consequent dark heating of the atmosphere

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Paramita Deka

Your email id *

deka.paramita@gmail.com

Enter your whatsapp phone no *

8486579743

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar

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Abstract title

Impact of Transverse Enhancement in neutrino oscillation measurements using NOvA

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Rimlee Saikia

Your email id *

rsaikia424@gmail.com

Enter your whatsapp phone no *

7002968047

Affiliation (Name of your institution) *

Gauhati University

Designation *

Research Scholar

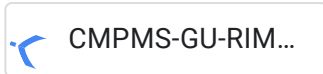
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Abstract title

Simulations on Ion assisted sputtering for silicon target

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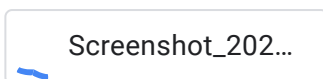
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Anshuman Baruah

Your email id *

anshuman.baruah@aus.ac.in

Enter your whatsapp phone no *

9706973763

Affiliation (Name of your institution) *

Assam University

Designation *

PhD Research Scholar

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Abstract title

Traversable Wormholes in $f(R)$ Gravity

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PARANGAM GOSWAMI

Your email id *

parangam3574@gmail.com

Enter your whatsapp phone no *

9101039475

Affiliation (Name of your institution) *

Assam University, Silchar

Designation *

M.Phil Student

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Abstract title

Traversable Wormholes in $f(R)$ Gravity.

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Bishwajit Boruah

Your email id *

biswajitboruah91@gmail.com

Enter your whatsapp phone no *

9854384574

Affiliation (Name of your institution) *

Dibrugarh University

Designation *

Research Scholar

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Abstract title

Can we have efficient molecular hydrogen adsorption on Mg clusters?

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DHANMONI SAIKIA

Your email id *

saikiadhmonni2018@gmail.com

Enter your whatsapp phone no *

7002624038

Affiliation (Name of your institution) *

University of Science and Technology, Meghalaya

Designation *

student

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Abstract title

A semi-analytical study of Earth's interior with the help of Ultra-High energy Neutrinos

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ANIMESH BARMAN

Your email id *

animeshinphysics1@gmail.com

Enter your whatsapp phone no *

8399809050

Affiliation (Name of your institution) *

TEZPUR UNIVERSITY

Designation *

RESEARCH SCHOLAR

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Abstract title

Non-zero Θ_{13} , Deviation of Tri-bimaximal neutrino mixing and A4 discrete flavor symmetries

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DEVA PRATIM MAHANTA

Your email id *

DEVAPRATIMMAHANTA@GMAIL.COM

Enter your whatsapp phone no *

8638666877

Affiliation (Name of your institution) *

BHATTADEV UNIVERSITY

Designation *

RESEARCH SCHOLAR


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Abstract title

A STUDY ON IMPACT OF PROTON CAPTURE REACTION TO THE ABUNDANCES OF NEON, MAGNESIUM AND ALUMINIUM IN B-TYPE AND HgMn STARS

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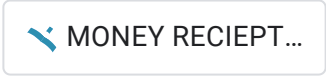
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Dr. Mousumi Bhuyan

Your email id *

moubhuyan83@gmail.com

Enter your whatsapp phone no *

8486220927

Affiliation (Name of your institution) *

Rangia College

Designation *

Assistant Professor

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Abstract title

neon assisted damage studies on Tungsten for next generation fusion reactor

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Elisheba Syiem

Your email id *

syiemelisheba04@gmail.com

Enter your whatsapp phone no *

7085709605

Affiliation (Name of your institution) *

North Eastern Hill University

Designation *

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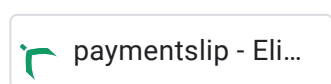
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