

"3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years(10)"



North-East Meet of Astronomers 2016 (NEMA - 2)



To promote interaction and collaboration among astronomers of North-East India

12 - 14 December, 2016

North-East Meet of Astronomers organized by the Department of Physics, Tezpur University and sponsored by IUCAA, Pune aims to bring young and highly motivated students, researchers, college and university teachers of the North-East region, working or intending to take up research in the field of Astronomy & Astrophysics and related topics, on a single platform to stimulate discussions and collaborations. First such attempt was NEMA - 1, which was held during 26 - 28 October, 2015 in the Department of Physics, Tezpur University.

The meeting will have a series of talks to be delivered by young participants followed by extensive discussions. Participants are encouraged to deliver a talk on a topic in the field of their current or proposed research.

Participation is through invitation only. Interested participants may request for an invitation by filling up the online application form on or before **October 30, 2016**.

Travel and local hospitality will be provided to participants joining from outside Tezpur (maximum of bus or train AC - 3). There is no registration fee.

Coordinators:

Dr. Amit Pathak

Dr. Rupjyoti Gogoi

Organized By:

Department of Physics,

Tezpur University,

Napaam - 784028, India

Website: www.tezu.ernet.in/dphy

For queries:
astrophytu@gmail.com

Application deadline : October 30, 2016
Apply online: <https://form.jotform.me/62215835700450>

NORTH-EAST MEET OF ASTRONOMERS - V (NEMA-V)



11 - 13 SEPTEMBER, 2019

'TO PROMOTE INTERACTION AND COLLABORATION
AMONG ASTRONOMERS OF NORTH-EAST INDIA'



★ Department of Physics, Tezpur University in association with IUCAA, Pune initiated North-East Meet of Astronomers in the year 2015 with an aim to bring young and highly motivated students, researchers, College and University teachers of the North-East region, working or intending to take up research in the field of Astronomy, Astrophysics, Astroparticle physics and related topics, on a single platform to stimulate discussion and collaborations.

★ The fifth edition of NEMA will be organised by Department of Physics, Tezpur University during September 11-13, 2019. The meeting will have a series of talks to be delivered by young participants followed by extensive discussions.

★ Participation is through invitation only. Interested participants may request for an invitation by filling up the online application form.

★ Participants joining from outside Tezpur will be provided Travel and Local Hospitality on request. (Max. of bus or train-AC3).

★ There is no registration fees.



IUCAA coordinator:
Prof. Ranjeev Misra
TU Coordinator:
Dr. Rupjyoti Gogoi
Joint Coordinator
Dr. Moon Moon Devi

Application Deadline :- 20/07/2019
Intimation to Participants:- 25/07/2019
Confirmation by Participants:- 31/07/2019

Organised by:
Department of Physics
Tezpur University
Napaam-784028
Tezpur, Assam

Apply online: <https://urlzs.com/YU8k1>
Website- <https://nema5.000webhostapp.com> Queries:- astrophytu@gmail.com



SERB SCHOOL

ON

OBSERVATIONAL ASTRONOMY



25 OCTOBER – 14 NOVEMBER, 2017

About :

The SERB school on “Observational Astronomy” is being held for the first time in the north eastern part of India. The school aims at providing the participants with information and hands on training on different topics of observational astronomy. The school will cover a wide range of astronomy and astrophysics topics like optical, ultraviolet, infrared, X-ray, radio astronomy and the techniques involved in observational astronomy.

Course topics :

- ❖ Observational data
- ❖ Telescopes and Instrumentation
- ❖ Sun and the Solar system
- ❖ Stellar structure and evolution
- ❖ Late stages of stellar evolution & compact objects
- ❖ Galaxies
- ❖ Interstellar Medium
- ❖ Data analysis lectures and hands on session

Speakers:

- ❖ Eminent astrophysicists working in different parts of the country will be invited for lectures and interactive sessions.

Apply online at:

<https://goo.gl/forms/sW450gJlg3IU718R2>

Important dates :

Application deadline:

15 July, 2017

Selected participants list:

25 July, 2017

Participation :

Applications are invited from research scholars, post-doctoral researchers, young faculty members from Universities, Institutes and Colleges having research experience in the above area for participation in the School. A few bright and research motivated M.Sc/M.Tech final year students may also be considered.

Number of participants will be limited to 40

Travel and local hospitality will be provided to all outstation participants (Masters - SL, Ph.D/Postdoc - 3AC, Faculty - 2AC).

School Directors :

- ❖ **Prof. Ranjan Gupta**
IUCAA, Pune
 - ❖ **Dr. Rupjyoti Gogoi**
Tezpur University
- Email :
astrophytu@gmail.com

Sponsored By:

Science & Engineering Research Board

Department of Science & Technology (DST)
New Delhi, India.

Website: www.serb.gov.in

Organized By:

Department of Physics

Tezpur University

Napaam-784028, Assam.

Website: www.tezu.ernet.in/dphy



SITARE



Southampton IUCAA Training for Astronomical Research and Education 2 - 4 May, 2018

Sponsored by:
Science and Technology Facilities
Council (STFC), United Kingdom (UK)



SITARE is a programme initiated by the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune and the University of Southampton, UK. The objective of the programme is to motivate talented students to pursue a research career in astronomy, astrophysics (A&A) and related areas. To introduce students to these areas, workshops are being conducted in several centres in India and in Nepal. The first such workshop is being organized at the **Department of Physics, Tezpur University** during May 2-4, 2018. In the workshop, lecturers from IUCAA, the University of Southampton and Tezpur University will introduce participants to exciting areas of A&A. A small number of selected participants from the workshop will have the opportunity to attend an advanced workshop in IUCAA later in the year. Further, a small number of students selected from the IUCAA workshop will be able to visit the University of Southampton for a short period, with all expenses covered by the programme.

A few selected students
will get a chance to visit:

UNIVERSITY OF
Southampton

Applications are invited only from 1st year M. Sc. Physics students studying in the North - Eastern States of India on or before **April 10, 2018**.

Apply online at : <https://goo.gl/forms/YfBYLLG1Z0I7EXSI2>

Selected students from outside Tezpur will be provided their travel expenses (by bus or train upto AC III tier by the shortest route) and their stay and meals will be covered. Local students will be provided with meals during the day.

Organized by:

Department of Physics, Tezpur University
and the Inter-University Centre for
Astronomy and Astrophysics (IUCAA), Pune.

For queries please write to:
astrophytu@gmail.com

Event coordinators:

IUCAA:
Prof. Ajit Kembhavi
Prof. Ranjaev Misra
Tezpur University:
Dr. Gazi Ameen Ahmed
Dr. Rupjyoti Gogoi



Webinar organised by,
IUCAA Centre for Astronomy Research & Development, Tezpur University
&
Department of Physics, Tezpur University

Date: November 9th, 2020

Time: 03:30 pm

Speaker: **Prof. Somak Raychaudhury**

Somak Raychaudhury is the Director of the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune. He graduated from Presidency College, University of Calcutta, with further studies at the University of Oxford, UK. After his PhD from the University of Cambridge, UK, he worked at the Harvard-Smithsonian Centre for Astrophysics, USA, where he also was part of the team that built the Chandra X-Ray Observatory for NASA. After teaching for over a decade at the University of Birmingham, UK, he returned to India as Head of Physics and Dean of Sciences at Presidency University, Kolkata, before he became Director of IUCAA. His research involves a wide range of topics in Cosmology and Astrophysics, from the ground and from Space.

Title: **Fantastic black holes and where to find them**

Black holes are the most extreme environments in nature, where the force of gravity is so strong that even light cannot escape. Since we observe the rest of the Universe through light, black holes must be directly unobservable. Theories of stellar evolution predict that black holes of various masses must be everywhere in the Universe. In the last decade, direct evidence of black holes has been found in many ways. This year's Nobel prize in Physics has been awarded for both theoretical work on understanding these exotic objects (Roger Penrose) and detecting and characterising the supermassive black hole at the core of our Galaxy (Andrea Ghez and Reinhard Genzel). The speaker will discuss their work, and the connection with past, present and future research and opportunities in India.

Organising Team

Prof. Nilakshi Das

Head, Department of Physics

Dr. Rupjyoti Gogoi

Coordinator, ICARD, Tezpur University

Dr. Moon Moon Devi

Webinar Coordinator

Members:

All faculty members,
Department of Physics,
Tezpur University

Email: astrophytu@gmail.com

Join using : meet.google.com/rny-npea-acm

Watch online : <https://youtu.be/YOE2hvTob-s>



Webinar organised by,
IUCAA Centre for Astronomy Research & Development, Tezpur University
&
Department of Physics, Tezpur University

Date:
5th Nov,
2020
Time:
03:30 pm

Speaker: **Dr. Gautam Saikia**

Dr. Gautam is an observational astrophysicist working as a post-doctoral researcher at the Indian Institute of Science (IISc), Bengaluru, India. He finished his Masters and PhD in Physics from Tezpur University.

Title: Exploring the life and times of Cosmic Dust in our local universe

The Milky Way Galaxy is home to not only us, but billions of stars we see in the night sky. Each astronomical object, such as a star, within any galaxy emits radiation across multiple wavelength bands of the electromagnetic spectrum. The inter-stellar medium of our Galaxy is ~99% gas and ~1% dust, by mass. In this talk, we will take a closer look at how dust, even with such tiny fraction, plays an important role in controlling our view of the surrounding universe. We will also try to understand why multi-wavelength astronomy is the need of the hour, such that we gather a complete understanding of various astrophysical phenomenon occurring around us.

Join using : meet.google.com/ikc-wczk-pgi

Watch online : <https://youtu.be/LzA0J-4zhus>

Organising Team

Prof. Nilakshi Das
Head, Department of Physics

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Coordinator, ICARD,
Tezpur University

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Members:
All faculty members,
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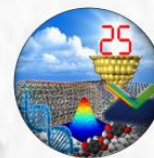
CONDENSED MATTER DAYS - 2017

(August 29-31, 2017)

to be organized by

Department of Physics, Tezpur University

Napaam-784028, Assam, India



The 25th edition of the national conference Condensed Matter Days - "CMDAYS-2017" will be held at Department of Physics, Tezpur University, PO: Napaam, Assam, India. CMDAYS provides a unique platform for the young researchers and domain experts to discuss, share and present their works related to topics in the field of condensed matter physics. It emphasizes visibility of the works of young researchers in this field.

Topics to be covered....

- Biomaterials and Bioconjugates
- Disordered Systems and Phase Transitions
- Dielectrics and Ferroelectrics
- Magnetism and Spintronic Systems
- Mesoscopic Phenomena and Junctions
- Nanomaterials and Nanocomposites
- Nonlinear dynamics and Chaos
- Photocatalysis and Photovoltaics
- Photonics and Plasmonics
- Semiconductors and Optoelectronics
- Soft Condensed Matter
- Strongly Correlated Systems
- Surface and Interface Phenomena
- Superconductivity and Critical Phenomena
- Thin Films and Devices
- Interdisciplinary topics relevant to condensed matter systems

Call for papers

Participants are requested to submit their abstracts as a single attached file at cmdays2017@gmail.com on or before 15th July 2017. A template can also be found under the heading "Upcoming Events" by logging on to: www.tezu.ernet.in

There will be a special session on "Topological Insulators". Participants intending to send papers in this category should mention "Abstract for special session" in the subject heading while sending their abstracts.

Important dates

Deadline for Abstract

submission : 15th July, 2017

Intimation of selected

participants: 25th July, 2017

Deadline for Registration form

submission: 10th August, 2017

Registration fees

Students and Research Scholars:

1000 INR

Faculty and Postdocs: 1500 INR

Accommodation

Accommodation will be provided on request and on payment basis at Students' hostel or University guest house located in the campus. Request for accommodation should be made in advance along with mentioning in duly filled in registration form.

Travel Support

Subject to availability of fund, research scholars will be given to-and-fro rail/bus fare by the shortest route as per rules.

Convener: Dr. D. Mohanta

Co-Convener: Dr. Ritupan Sarmah

Chief Patron

Vice Chancellor,
Tezpur University

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Rupjyoti Gogoi

Rajib Biswas

Shyamal K. Das

Contact details

Convener, CMDAYS-2017,

Department of Physics, Tezpur University, PO: Napaam, Tezpur-784028, Assam, India

Email: cmdays2017@gmail.com, Phone: +91-3712-275558, Fax: +91-3712-267006, Cell: 8876507550

UGC-SAP (DRS II) Sponsored
SECOND NATIONAL CONFERENCE
ON
HARD AND SOFT CONDENSED MATTER
PHYSICS
(NCHSCMP-2019)
March 4-6, 2019



Organized by
Department of Physics
Tezpur University
PO: Napaam, Tezpur-784028,
Assam, India.

About the Conference

The Department of Physics, Tezpur University intend to organize a national level conference under the sponsorship of UGC SAP (DRS II) scheme to promulgate and stimulate interaction among the young researchers of the country. Condensed Matter Physics, with its truly interdisciplinary character enjoys its technological implications both in fundamental and applied research. The Second National Conference on "Hard and Soft Condensed Matter Physics" aims to provide a suitable platform for scientists/academicians and young researchers to present their works on chosen topics of technological relevance. The conference is expected to result in sustained collaborations through sharing of ideas and techniques of mutual interest.

Scope of the Conference

The conference aims to cover both theoretical and experimental studies on condensed matter covering the following broad areas:

- *Advanced materials and alloys
- *Biomaterials and bioconjugation
- *Defects and disordered systems
- *Dielectrics and ferroelectrics
- *Gels, surfactants and polymeric materials
- *Luminescent and optoelectronic materials
- *Magnetic materials and spintronics
- *Nanomaterials and nanocomposites
- *Organic and inorganic semiconductors
- *Phase transitions and critical systems
- *Photocatalytic and photovoltaic materials
- *Quantum transport and mesoscopic systems
- *Radiation induced effects
- *Thin film sensors and devices

Presentations

NCHSCMP-2019 will include:

- Invited Talks
- Contributory Presentations
 - + Oral (12+3 mins)
 - + Poster (Width: 90 cm ×Length: 120 cm)

About the Organizers

Tezpur University is a central university established in 1994 by an act of Parliament. The mandate of the university is to offer interdisciplinary courses and promote research in emerging fields of science and technology. Accredited by NAAC with "A" grade, the university runs several academic programmes at undergraduate, postgraduate and doctoral level and emerged as a premier university in the country. The university has been awarded Visitor's best University in 2016 and recently, featured in the world's top twenty best small universities. Department of Physics is one of the most vibrant departments in the university and runs Masters' and Ph.D. programmes in Physics. The university has a lush green, eco-friendly campus and is located in the historic, cultural city of Tezpur (Assam). The university is also equipped with many state of the art facilities to carry out research in the frontier fields.

Accommodation

Accommodation will be provided on request at the Students' hostel or university guest house located in the university campus. Request for accommodation should be sent in advance for confirmation.

Travel Information

The university is located about 15 km east of Tezpur city, the headquarters of the Sonitpur district of Assam. It can be reached by road from Guwahati, the capital city of Assam and gate way to the North East. Guwahati is very well connected by air and train to the rest of the country.