

#### Scientific Advisory Committee:

Prof. Dhruba J Saikia, NCRA, TIFR  
Prof. Saurabh Basu, IIT Guwahati  
Prof. Gagan Kumar, IIT Ropar  
Prof. Bidyut Jyoti Roy, BARC, India  
Prof. Subhasis Panja, CSIR-NPL, New Delhi  
Prof. Bipin Kr. Gupta, CSIR-NPL, New Delhi  
Prof. Amarendra Kumar Sarma, IIT Guwahati  
Prof. Debojit Sarma, Cotton University  
Prof. Mahadev Patgiri, Sibsagar University  
Prof. Ganesh C Warry, Kokrajhar University  
Prof. M. P. Bora, Gauhati University  
Prof. Joyanti Chutia, Former Director, IASST  
Prof. Syed Arsad Hussain, Tripura University  
Prof. Anurup G. Barua, Gauhati University  
Prof. Umananda Dev Goswami, Dibrugarh University  
Prof. Subrata Hazarika, Assam University  
Prof. Atri Deshmukh, Assam University  
Prof. Pradip Kumar Kalita, Rajiv Gandhi University, Arunachal Pradesh

#### Keynote Speakers



Prof. Saurabh Basu  
IIT Guwahati



Prof. Supradip Ghosh,  
IIT Guwahati



Prof. Kamla Prasan Ray,  
IIT Gandhinagar



Dr. Bipin Kumar Gupta,  
CSIR-NPL, New Delhi



Dr. Subhasis Panja,  
CSIR-NPL, New Delhi



Dr. Soumen Mondal  
Jadavpur University



Prof. Pritam Deb,  
Tezpur University



Prof. Madhurjya  
P. Bora  
Gauhati University



Prof. Umananda  
Dev Goswami  
Dibrugarh University



Prof. Syed Arshad  
Hussain,  
Tripura University

#### How to reach RGU

The RGU is located at Betkuchi, opposite Tirupati Balaji Temple, on NH-37 in Guwahati, Assam. The campus is well-connected to major transport hubs of the city. From Guwahati Railway Station, RGU is about 14 km away and can be reached in 30–40 minutes by taxi, cab, or city bus services via Paltan Bazar–Lokhra Road. From Lokpriya Gopinath Bordoloi International Airport, the university is around 22 km away and takes approximately 40–50 minutes by taxi or cab through NH-37, making it easily accessible for visitors, students, and faculty.



Scan for our Location



For queries email us at:  
ncmpac2026@gmail.com



Visit us at:  
<https://rgu.ac>



## National Conference on Frontiers in Modern Physics, Astrophysics and Cosmology

(NCMPAC-2026)

Sponsored by



Anusandhan National Research Foundation  
(Formerly SERB)

Organized by

Department of Physics

Royal School of Applied and Pure Sciences  
The Assam Royal Global University

In collaboration with: IQAC, RGU

Date : 8<sup>th</sup> January – 10<sup>th</sup> January, 2026  
Venue : RGU Campus



## About RGU

The Assam Royal Global University (RGU), located in Guwahati, Northeast India, is a premier institution committed to delivering world-class, research-oriented, and industry-relevant education across 23 specialized schools. Spanning over 30 acres, the campus offers modern facilities including Wi-Fi-enabled smart classrooms, advanced laboratories, and comfortable residential accommodations, fostering an engaging learning environment. With more than 8,000 students and 460 faculty members, RGU emphasizes holistic development through a vibrant campus life enriched with cultural, sports, and extracurricular activities. Dedicated to academic excellence and innovation, the university nurtures future global citizens equipped to address real-world challenges and contribute meaningfully to society.

## About the Department

The Department of Physics at Assam Royal Global University (RGU), is dedicated to providing high-quality education and fostering research excellence in the field of physics. The department offers undergraduate, postgraduate, and doctoral programs, including a 4-year B.Sc. (Honours) in Physics, a 2-year M.Sc. in Physics, and a Ph.D. program. These programs are designed to equip students with a deep understanding of physical principles and prepare them for careers in academia, research, and industry. The department's faculty comprises experienced professionals specializing in areas such as photonics, nanotechnology, semiconductor physics, atmospheric science, and optoelectronics. Research interests among the faculty include optical communication, materials science, renewable energy systems, atmospheric and space physics, and terahertz photonics. The department is equipped with state-of-the-art laboratories, including facilities for spectroscopy, laser experiments, equipped with BE/BTech, B.Sc. and M.Sc. labs, providing students with hands-on experience in experimental physics. RGU's Department of Physics aims to cultivate critical thinking, problem-solving skills, and a passion for scientific inquiry, contributing to the advancement of physics education and research in Northeast India.

## About the Conference

The National Conference on Frontiers in Modern Physics, Astrophysics, and Cosmology (NCMPAC-2026) will be held at Assam Royal Global University from January 8 to 10, 2026. This conference aims to create a dynamic platform for both established and emerging researchers and scientists to exchange cutting-edge ideas and foster innovative collaborations. Covering a broad spectrum from fundamental physics to advanced interdisciplinary concepts the conference seeks to bridge the gap between scientific research and engineering applications. Aligned with the Government of India's emphasis on outcome-based research, NCMPAC-2026 aspires to accelerate the development of indigenous technologies and groundbreaking scientific discoveries. Additionally, the event offers an invaluable opportunity for young researchers to engage with peers, broaden their expertise, and advance their careers in a rapidly evolving scientific landscape.

## Call for Papers

We are inviting papers for presentation in NCMPAC-2026. Potential authors will be provided with an opportunity to share their research outputs and discuss with national/regional experts on new innovative ideas and concepts.

### Guidelines for Abstract/Paper Submission:

- ❖ Only original unpublished work is sought. Any manuscript/work presently submitted for consideration or published in other media will not be accepted.
- ❖ For manuscript preparation please refer to the format given in the conference webpage.
- ❖ Soft copies to be sent through the following email ID: [ncmpac2026@gmail.com](mailto:ncmpac2026@gmail.com).

### Tracks covered include, but are not limited to:

- Track 1: Material Science
- Track 2: Atomic, Molecular and Non-Linear Optics
- Track 3: Relativity, Astrophysics and Cosmology
- Track 4: Plasma Physics and Nonlinear Dynamics
- Track 5: Atmospheric Physics
- Track 6: Interdisciplinary Sciences

### Publication of Research

Original unpublished work submitted to the conference will be published in a Book of Abstracts. The author(s) must prepare a one page abstract as per the given template. Selected papers may be published as a conference proceeding after peer review. Templates for Abstract and Full Paper are available on the university website: <https://www.rgu.ac/ncmpac-2026>

### Payments Details :

Category	On/Before 30 <sup>th</sup> December		After 30 <sup>th</sup> December	
	Indian	Foreign	Indian	Foreign
Student	₹ 1000	\$ 30	₹ 1500	\$ 35
Research Scholar	₹ 1500	\$ 40	₹ 2000	\$ 45
Faculty/Scientist	₹ 2500	\$ 50	₹ 3000	\$ 55
Industry Personnel	₹ 5000	\$ 100	₹ 5500	\$ 105

\*Please save a screenshot of the successful transaction to be uploaded during online registration. Additional charges for journal publications of accepted full-length papers will be notified in due course of time.

### Important Deadlines

Last date of Abstract Submission	30 December, 2025
Notification of Acceptance of Abstract	31 December, 2025
Registration Starts	15 October, 2025
Last Date of Registration	20 December, 2025
Conference Dates	8 January-10 January, 2026
Full Length Paper Submission	28 February, 2026

Registration Link : <https://forms.gle/A8g6ebVnDKgmuKfaA>

### All transactions can be made to the following account:

A/C Name:	ROYAL GLOBAL UNIVERSITY
A/C No.:	4651002100004685
IFSC Code:	PUNB0465100
Bank Name:	PUNJAB NATIONAL BANK
Bank Address:	BHANGAGARH, GUWAHATI

## Organizing Committee

### Advisors :

Prof. A. K. Buragohain, Hon'ble VC, RGU  
 Prof. Amarjyoti Choudhury, Prof. Emeritus, RGU  
 Prof. Amarendra Rajput, Physics, RGU  
 Prof. Rama Ranjan Bhattacharjee, Dean, R&D, RGU  
 Prof. Anuradha Devi, Dean, RSAPS, RGU

### Convenors:

Dr. Maidul Islam, Physics, RGU  
 Dr. Faizuddin Ahmed, Physics, RGU

### Co-Convenors:

Dr. Bornali Chetia, Physics, RGU  
 Dr. Nitu Borgohain, Physics, RGU

### Treasurer:

Dr. Koushik Saikia, Physics, RGU

### Technical & Scientific Committee:

Dr. Maidul Islam, Physics, RGU  
 Dr. Faizuddin Ahmed, Physics, RGU  
 Dr. Bornali Chetia, Physics, RGU  
 Dr. Nitu Borgohain, Physics, RGU  
 Dr. Koushik Saikia, Physics, RGU

### Steering Committee:

Dr. Devika Phukan, Physics, RGU  
 Dr. Sankar Barman, Physics, RGU  
 Dr. Pubalee Sarmah, Chemistry, RGU  
 Dr. Bimalendu Kalita, Mathematics, RGU

