



Department of
Science &
Technology,
Government of
India



COFHA
2026

3rd International Workshop on Cold Plasma and Pulse Power Technologies for Food, Health and Agriculture (COFHA 2026)

**December 14th - 15th, 2026
Shillong, Meghalaya, India**

North East Centre for Technology Application and Reach (NECTAR)
An Autonomous Institute under the
Department of Science & Technology, Govt. of India

ABOUT THE WORKSHOP

COFHA-2026 brings together scientists, engineers, academicians and researchers working in cold plasma and pulse power technologies. The workshop explores applications in food safety, agriculture, medicine, sterilization and environmental sustainability. The event features invited lectures, oral and poster presentations, networking opportunities and discussions on emerging plasma technologies.

KEY THEMES

- Cold Plasma in Agriculture
- Food Safety & Preservation
- Biomedical Plasma Applications
- Pulse Power Technologies
- Plasma Sterilization
- Environmental Applications
- Plasma Chemistry & Physics

IMPORTANT DATES

Abstract Submission Starts:

15 July 2026

Abstract Submission Deadline:

25 September 2026

Acceptance Notification:

30 September 2026

Registration Deadline:

15 October 2026

Workshop Dates:

14–15 December 2026

COFHA INTERNATIONAL CONSORTIUM

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Iwate University, Japan

VICE CHAIR



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Universite
d'Orleans, France



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Koga
Kyushu University,
Japan

Workshop Coordinators



Convenor:

Dr. Arun
Kumar Sarma,
DG,
NECTAR



Co-Convenor:

Mr. Mukesh
Mathur,
Scientist F,
NECTAR



Co-Convenor:

Mr. Rajendra
Jena,
CGO,
NECTAR



Highlights:

Expert Talks • Poster Sessions • Awards • Networking

ABOUT NECTAR

Noth east Centre for Technology Application and Reach (NECTAR) is an autonomous institute, established in 2012 under Department of Science & Technology (DST), Government of India with its headquarters at Shillong, Meghalaya.



The Centre looks at harnessing and leveraging niche frontier technologies available with central scientific departments and institutions. In order to assist the eight states of the North Eastern Region (NER), NECTAR ensures applications of appropriate technologies for development in the areas of biodiversity concerns, watershed management, telemedicine, horticulture, infrastructure planning & development, planning and monitoring, and tele-schooling using cutting-edge MESHNET solutions, employment generation etc. through utilization of local products/resources and associated skill development. For details visit- <https://nectar.dst.gov.in/>

ABOUT PSSI

The Plasma Science Society of India (PSSI) is a professional scientific organization established in 1978, with its registered office at the Physical Research Laboratory in Ahmedabad, aimed at promoting and advancing plasma science and technology in India. It serves as a national platform for scientists, engineers, researchers, and students from academia, industry, and government institutions to collaborate and exchange knowledge in areas related to plasma physics, including both theoretical and experimental research. The society focuses on encouraging studies in all aspects of plasma science, facilitating interaction among institutions and industries, and disseminating research through publications, conferences, workshops, and symposia. For details visit: <https://www.pssi.in/>



ABOUT SHILLONG, MEGHALAYA

Shillong is the capital city of Meghalaya, a beautiful hill station in northeast India known for its pleasant climate and scenic landscapes. Meghalaya is famous for its waterfalls, caves, and high rainfall, including some of the wettest places on Earth. The state is rich in culture, being home to Khasi, Garo, and Jaintia tribes, each with unique traditions and a vibrant way of life.

Popular Attractions:

Sohra (Cherrapunjee) • Living Root bridges • Dawki • Umiam • Nartiang



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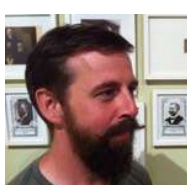
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Iasi (UAIC), Romania



Prof. Yun-Chien
Cheng, NYCU, Taiwan



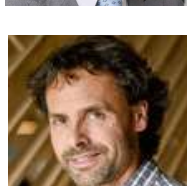
Prof. Ishikawa Kenji,
Nagoya University, Japan



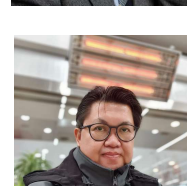
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University, USA



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Iwate University, Japan



Prof. Zdenko Machala,
Comenius University
Bratislava, Slovakia



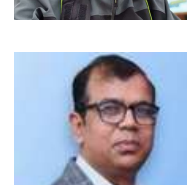
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Suanpoont, Maejo
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Campus, Thailand



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Kaushik, Kwangwoon
University, Seoul,
South Korea
**Co-coordinator,
COFHA International
Consortium**



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Associate Prof.,
Kyushu University
**Co-coordinator,
COFHA International
Consortium**



Prof. Ram Prakash, IIT
Jodhpur
**Coordinator,
COFHA International
Consortium**

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of India
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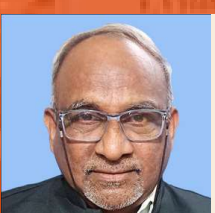
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NECTAR
Co-Convenor



Mr. Mukesh Mathur,
Scientist F, NECTAR
Co-Convenor



Dr. Arun Kumar Sarma,
NECTAR
Convenor

Abstract Submission:

Please login the portal for abstract submission: <https://nectar.dst.gov.in/cofha2026>

CONTACT US



Website :

<https://nectar.dst.gov.in/cofha2026>



Location

Lariti International Centre for
Performing Arts & Culture
New Shillong, Mawdiangdiang,
Meghalaya- 793018, India



Email

cofha2026@nectar.org.in
cofha2026@gmail.com

REGISTRATION

International Delegates: \$ 220

Indian Delegates: ₹ 3500



TRAVEL ASSISTANCE

Financial Assistance (II class train to and from fare) will be provided for limited number of students and research scholars from India, who are not availing any fellowship and who would be presenting paper/poster at the workshop. Separate request for financial assistance should be sent to the convener along with the abstract.

ACCOMMODATION

Accommodation will be facilitated in the hotels/guest houses in and near the Venue. The details of the hotel/guesthouse will be available soon at the Workshop Website

Cold Plasma
Technology in
Agriculture

