NATIONAL ADVISORY COMMITTEE

Mohanty, A. K.	DAE, Mumbai
Bhasin, V.	BARC, Mumbai
Bhanage, V.	RRCAT, Indore
Banerjee, R.	IIT Delhi
Chengalur, J. N.	TIFR, Mumbai
Ganguly, T.	IPR, Gandhinagar
Malshe, U. D.	BARC, Mumbai
Mudali, U. K.	HBNI, Mumbai
Pillai, S. G.	IGCAR, Kalpakkam
Rajesh, V.	NPCIL, Mumbai
Subrahmanian, B.	AERB, Mumbai
Udupa, D.	BARC, Mumbai
Sharma, Anesh Kumar	SSPL (DRDO), New Delhi
Mascarenhas, M. L.	BARC, Mumbai

LOCAL ORGANIZING COMMITTEE

Sridhar, G.	Convener
Rath, A. D.	Co-Convener
Someswara Rao, Ch.	Scientific Secretary
Rana, P.	Organizing Secretary
Das, R. C.	Treasurer
Wahid, A.	Jt. Treasurer

MEMBERS — BARC, MUMBAI, UNLESS STATED

Anupama, P.
Barua, S. (RRCAT, Indore)
Bhale, D. R.
Bhardwaj, R. L.
Das, D. R.
Dey, S. P.
Gupta, A.
Jana, B.
Jha, M. N.
Joshi, M. J.
Kar, R.
Kawade, N. O.
Mandal, P. K.
Nagaraj, A.
Pal, T. B.
Rawat, V. S.
Sai Prasad, M. B.
Seema, A. U.
Shah, M. L.

SYMPOSIUM ORGANIZING COMMITTEE

Mascarenhas, M. L.	Chairperson, BARC, Mumbai
Padma Nilaya, J.	Co-Chairperson, BARC, Mumbai
Sridhar, G.	Convener, BARC, Mumbai
Rath, A. D.	Co-Convener, BARC, Mumbai
Someswara Rao, Ch.	Scientific Secretary, BARC, Mumbai
Rana, P.	Organizing Secretary, BARC, Mumbai
Agarwal, P. K.	RRCAT, Indore
Bhattacharya, D.	BARC, Mumbai
Chidangil, S.	JSS U of S&T, Mysuru
Dikshit, B.	BARC, Mumbai
Garg, A.	BARC, Mumbai
Joseph, J.	IIT Delhi
Khare, A.	IIT Guwahati
Krishnamurthy, M.	TIFR, Hyderabad
Sahu, G. K.	BARC, Mumbai
Saxena, P.	RRCAT, Indore
Vasa, P.	IIT Bombay
Venugopal, R. S.	University of Hyderabad

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www.clea2027.com
Scan for the conference website: registration, submission and updates

CONFERENCE AT A GLANCE

1st DAE–BRNS CONFERENCE ON LASERS & EMERGING APPLICATIONS (CLEA)

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SYMPOSIUM OVERVIEW

ABOUT THE CONFERENCE

The 1st Conference on Lasers & Emerging Applications (CLEA-2027) will be held at the DAE Convention Centre, Anushaktinagar, Mumbai, during 17–20 February 2027. Sponsored by BRNS, Department of Atomic Energy, it is organized by BARC in association with the Power Beam Society of India (PSI).

SCIENTIFIC SCOPE

The conference offers young researchers a platform to interact with eminent scientists from India and abroad and present their work. It covers frontier research in fundamental laser physics and advances in laser technology and applications across science and technology.

PROGRAMME & PARTICIPATION

The programme features invited lectures, contributed posters and Ph.D. thesis presentations. Scientists, engineers, academicians and young researchers from academic institutions, R&D centres, PSUs and industry working in lasers and related fields are invited to participate.

PAPER & THESIS SUBMISSION

MANUSCRIPT SUBMISSION

Authors are invited to submit full-length manuscripts in the prescribed format through www.clea2027.com by **1 December 2026**. Manuscripts should be prepared in MS Word (.doc or .docx) format and be 2–4 pages long, including figures, tables and references. A separate abstract of not more than 100 words should also be submitted as per the website guidelines.

PH.D. THESIS PRESENTATIONS

Ph.D. students who have submitted their theses in relevant areas, or expect to submit them by 31 December 2026, and those awarded Ph.D. degrees on or after 1 January 2026, are eligible for thesis presentations. Interested candidates should submit a four-page thesis summary by **1 December 2026**, along with a certificate from their Ph.D. supervisor indicating the date of thesis submission or award of the degree.

CONFERENCE MATERIALS

A Book of Abstracts, containing abstracts of peer-reviewed contributed papers, invited lectures and thesis summaries, will be made available to participants during the conference. Full-length manuscripts and thesis summaries will also be available for download from the conference website.

POSTERS & AWARDS

A 1 m × 1 m board will be provided for each poster. Selected papers and theses will be considered for the Best Poster Award and the Best Thesis Award, presented by the Power Beam Society of India (PSI).

TOPICS OF INTEREST

- Physics and Technology of Lasers
- Lasers in Nuclear & Defence Technologies
- Laser Materials and Devices
- Nonlinear, Quantum, and Atom Optics
- Ultrafast Lasers & Laser Plasma Interactions
- Lasers in Materials Science
- Laser Based Instrumentation
- Laser Spectroscopy
- Lasers in Chemistry, Biology, & Medicine
- Emerging Applications of Lasers

ACCOMMODATION

STUDENT STAY

Efforts will be made to provide shared hostel accommodation for student participants.

HOTEL ACCOMMODATION

As BARC Guest House rooms are limited, most outstation participants will be accommodated in hotels offering single or shared AC or non-AC rooms.

REQUESTS & PREFERENCES

Registered participants should submit accommodation requests through the CLEA-2027 website, and may indicate their preferred room-sharing partner. Hotel details will also be available online.

BOOKING ADVANCE

An advance equal to one day's room rent is required. Hotel accommodation will be confirmed only after the advance is received.

REGISTRATION

Registration category	Fee
DAE delegates	NIL
Academic delegates	₹ 7,000
Students	₹ 4,000
Invited speakers	NIL
Industry delegates	₹ 20,000

Registration is mandatory for authors presenting papers or theses.

PAYMENT & ACCOMMODATION ADVANCE

For payment of registration fees and the accommodation advance, please visit www.clea2027.com. Payments will be accepted by electronic bank transfer; bank details will be communicated to approved participants.

FINANCIAL ASSISTANCE

Financial assistance towards local hospitality and travel by train (sleeper class) by the shortest route can be provided to a limited number of deserving students. Applications, with a recommendation letter from the research guide or Head of Department, addressed to the Convener, CLEA-2027, should reach the Convener on or before 20 January 2027.

IMPORTANT DATES

- **Paper / thesis submission**
  1 December 2026
- **Intimation of acceptance**
  31 December 2026
- **Accommodation request & advance**
  5 January 2027
- **Registration with payment**
  15 January 2027
- **Financial assistance applications**
  20 January 2027