



**12th DAE-BRNS Biennial Symposium on
Emerging Trends in Separation Science & Technology
(SESTEC-2026)**

DAE Convention Centre, IGCAR, Kalpakkam, India

February 11-14, 2026

Organized by

Bhabha Atomic Research Centre, Mumbai

&

Indira Gandhi Centre for Atomic Research, Kalpakkam

In collaboration with

*Association of Separation Scientists & Technologists
(ASSET)*

SESTEC-2026

The 12th DAE-BRNS biennial symposium on “*Emerging Trends in Separation Science and Technology (SESTEC-2026)*” is being organized by Bhabha Atomic Research Centre (BARC), Mumbai and Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, in collaboration with Association of Separation Scientists and Technologists (ASSET) during February 11-14, 2026 at DAE Convention Centre, Anupuram, IGCAR, Kalpakkam, India. The objective of SESTEC-2026 is to serve as a forum for Scientists and Technologists to exchange the recent advancements in the area of separation science and technology with a focus on separation of actinides, lanthanides, and fission products pertinent to the nuclear fuel cycle activities. The symposium will also cover recent developments in membrane technology and associated separation techniques, waste water remediation etc. SESTEC-2026 provides an opportunity to the young researchers to interact with the eminent scientists and engineers from leading institutions across the country and overseas.

SCOPE

- A. Separations in Nuclear Fuel Cycle**
- B. Green Separations**
- C. Membrane Science and Technology**
- D. Treatment of Industrial Effluents**
- E. Chromatographic, Electrochemical and Pyrochemical Separations**
- F. Computational Chemistry in Separation Science**
- G. Radiochemical Separations**
- H. Speciation Studies**

The scientific program includes invited talks by eminent scientists from within the country and abroad. Abstract of the contributed papers will be peer reviewed prior to their acceptance in the symposium proceedings. Accepted contributory papers will be presented either in oral or poster sessions. Both the oral and the poster presentations will be reviewed by a panel of judges for best presentation awards.

Selected papers will be published in the peer reviewed international journal **“Separation Science and Technology”**, as SESTEC special issue.

The Venue (Anupuram)

Anupuram is a DAE Township located very near to Kalpakkam, Tamil Nadu, India. Anupuram is about 10 km south of Mamallapuram (also called Mahabalipuram) and 70 km south of Chennai City which is well connected by road/rail/airlines from all over the country. The weather during February will be salubrious with a high of 33°C and low of 24°C.



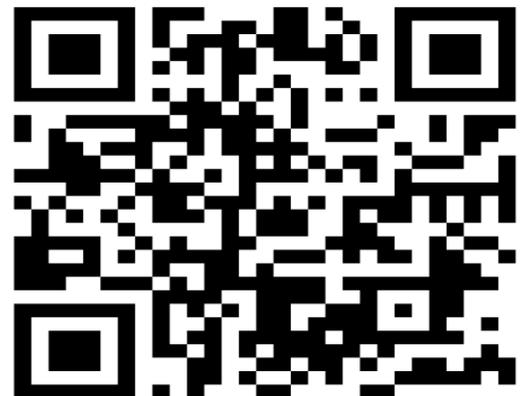
DAE Convention centre



Aerial view of DAE Convention centre Google



Anupuram Township at night



Scan the QR code for location

How to reach Anupuram?



By Train

The most convenient railway station to reach Anupuram is Chengalpattu Junction (CGL). From major cities, you can take a train directly to Chengalpattu.

- **From Chennai:** Regular trains and suburban rail services operate from Chennai's main railway stations (like Chennai Egmore or Chennai Central) to Chengalpattu. The journey typically takes around 1 to 2 hours.
- **From Chengalpattu to Anupuram:** Anupuram is approximately 30 km from Chengalpattu Junction. From the station, you can hire a taxi or an auto rickshaw to reach the township. You may also find local buses bound for Kalpakkam that can drop you off at the Anupuram bus stand.



By Air

The nearest airport to Anupuram is Chennai International Airport (Code-MAA).

- **From the Airport to Anupuram:** Anupuram is located about 63 km from Chennai International Airport. After arriving at the airport, you have a few options:
 - **Taxi/Cab:** The most straightforward way is to book a taxi or use a ride-hailing service from the airport directly to Anupuram.
 - **Train and Taxi:** You can take a train from the Tirusulam Railway Station, which is at a distance of 3km from the airport, to Chengalpattu Junction. From there, you can follow the instructions mentioned in the "By Train" section to reach Anupuram.



Tourists Attractions

Mamallapuram, a UNESCO World Heritage site famous for its rock-cut temples, shore temple, and intricate stone carvings. Mamallapuram was one of two major port cities in the Pallava kingdom. The town was named after Pallava king Narasimhavarman I (630-670 CE), who was also known as Mamalla. The earliest mention of the city is found in the 1st century work called "Periplus of the Erythraean Sea" by the famous Greek navigator, Ptolemy, who referred this place as Malange. Mamallapuram is also known by other names such as Mahabalipuram and Mamallapattana. Thirumangai Alvar, the famous Vaishnavite saint mentions this place as Thirukadalmallai, referring to the Sthalasayana Perumal Temple. Another name by which Mahabalipuram has been known to mariners, at least since Marco Polo's time is "Seven Pagodas" alluding to the Seven Pagodas of Mahabalipuram that stood on the shore, of which one, the Shore Temple, survives. Beside the economic prosperity, it became the site of a group of royal monuments, many carved out of the living rock, rathas (temples in the form of chariots), mandapas (cave sanctuaries), the giant open-air rock relief the Descent of the Ganges, and the Shore Temple dedicated to Shiva are dated to the 7th and 8th centuries.

Puducherry: Pondicherry is the former name of Puducherry and it was once the headquarters of the French in India and therefore, has a mixture of Indian and French style. Puducherry beaches of the city are very appealing and attract a lot of tourists. The city has Indian houses styled in French Colony system. The town has old buildings, churches, temples, and statues offers a colonial ambience. Sri Aurobindo Ashram (French: Ashram de Sri Aurobindo) is a spiritual community

(ashram) located in Puducherry. It was founded by Sri Aurobindo in 1910.

Chennai: The bustling metropolis welcomes visitors with its vibrant culture, Marina Beach, classical music, shopping districts, and delectable cuisine.

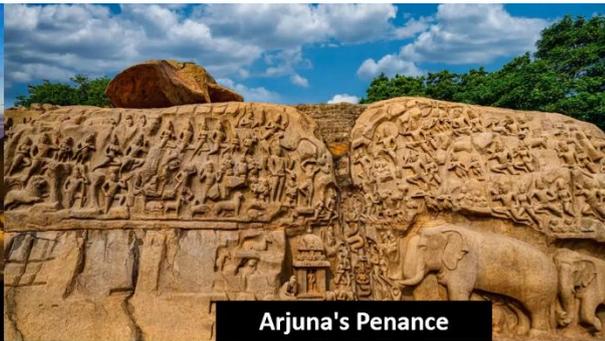
Kanchipuram: Kanchipuram, also known as Kanjeevaram, is a standalone city corporation which is 72 km from Chennai. Kanchipuram is a Tamil name formed by combining two words, "kanchi" and "puram," together meaning "the city of kaanchi flowers" (due to the abundance of kaanchi flowers in those regions). Kanchipuram is known for its temple architectures, 1000-pillared halls, huge temple towers, and silk saris. Kanchipuram serves as one of the most important domestic tourist destinations in India. Kanchipuram has become a centre of attraction for foreign tourists as well.

Tirukalukundram: Tirukalukundram is famous for the Vedagiriswarar temple, a Hindu hilltop temple dedicated to Lord Shiva. It is located at a distance of 11 km from Anupuram. There are about 565 steps to reach this temple. According to the myth, two eagles (or kites) used to visit the temple every day at noon to receive food from the temple priest, who performed this ritual daily. These birds were believed to be transformed Rishis (sages) under a curse, and their daily visits were considered a divine occurrence.

Together, these destinations offer a unique mix of history, spirituality, relaxation, and modern urban experiences—perfect for enriching your visit to Anupuram during the conference.



Mamallapuram Shore Temple



Arjuna's Penance



Pancha Rathas



Mahishasuramardini Cave Temple

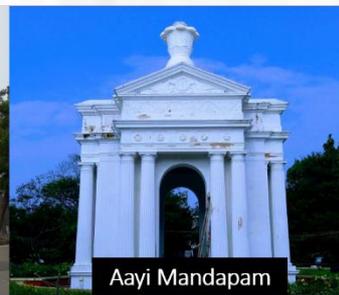
Tourist's attractions at Mamalla puram (Mahabalipuram)



Eden Garden blue flag beach



Shree Aurobindo Ashram



Aayi Mandapam



Gandhi square



Pondicherry beach side

Tourist's attractions at Puducherry (Pondicherry)



Merina beach Chennai



1000 pillars hall: Kanchipuram



Kanchi Kailasanathar temple (Kanchipuram)



Vedagiriswarar temple (Tirukalukundram)





BRNS

The Board of Research in Nuclear sciences (BRNS), Department of Atomic Energy (DAE), a nodal funding agency supports extramural research and development activities in nuclear and allied sciences, engineering and technology. The major activities of BRNS are: Identify and fund R & D programs and projects, award fellowship to pursue doctoral programs and research grants to young scientists, organize symposia on topic of relevance and interest to DAE as well as in frontier areas of science and technology, extend financial support to symposia and conferences organized by professional bodies and other agencies, establishment of chairs in universities and other institutions of higher learning, create infrastructure facilities for advance research, identify/create and support centers of excellence. For more information visit the BRNS website <https://brns.res.in/>.



Financial Assistance

TA/DA may be made available to a few deserving student participants, where the parent institution is unable to arrange. The financial assistance request forms can be downloaded from the website <https://www.asset.org.in/sestec2026/>. The duly filled forms may please be mailed to the symposium secretary at sestec2026@gmail.com on or before **December 31, 2025**.



Authors Please Note

- Abstracts based on original unpublished work will only be accepted.
- Contributory abstracts (one page) are invited on topics listed under scope. The abstract should be prepared using the MS Word template which can be downloaded from <https://www.asset.org.in/sestec2026/>. Abstracts not complying with the format will be rejected.
- E-mail ID of the corresponding author should be given in the manuscript and the name of the presenting author should be underlined. All the future communications in respect of manuscript will only be made to the corresponding author.
- Abstract should be submitted only via website: www.asset.org.in/sestec2026 after choosing appropriate category.
- Please note that the contributed abstracts should be accompanied with the note of [approval from the competent authority \(for DAE organizations\)](#).
- Abstract Submission Deadline: **November 14, 2025**
- Abstracts will be reviewed before their acceptance in the symposium proceedings.
- Selected papers will be published in the peer reviewed international journal “Separation Science and Technology”.



Registration

Important Deadlines

| | |
|-----------------------------------|-------------------|
| Call for Abstracts | October 15, 2025 |
| Abstract Submission | November 14, 2025 |
| Intimation of Abstract Acceptance | December 26, 2025 |
| Request for accommodation | December 31, 2025 |
| Submission of Registration fees | December 31, 2025 |
| Request for Financial assistance | January 09, 2026 |

Registration should be done through the website (<https://www.asset.org.in/sestec2026/>). Registration fee needs to be paid through online transaction after the acceptance of the abstract. Send a copy of receipt including the transaction ID to sestec2026@gmail.com. Registration fee and SESTEC-2026 account details are given below:

| Category | Registration Fee |
|---|-------------------------|
| Research Scholars/Students | ₹ 2000/- |
| Delegates from academic/Research Institutes | ₹ 5000/- |
| Delegates from Industries | ₹ 10000/- |
| Delegates from Overseas | US\$ 500 |
| Students from Overseas | US\$ 250 |
| Accompanying person (India) | ₹ 2000/- |
| Accompanying person (Overseas) | US\$ 250 |

- **Note: Registration fee should be paid via NEFT: as per the account details given below:**

| | |
|------------|---------------------|
| A/C Name | SESTEC-2026 |
| A/C No | 44393977478 |
| Bank Name | State Bank of India |
| IFSC Code | SBIN0001268 |
| SWIFT Code | SBININBB508 |
| MICR Code | 400002006 |

- **Send a copy of receipt to: sestec2026@gmail.com**

ADDRESS FOR CORRESPONDENCE

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Email: sestec2026@gmail.com, sestec2026@barc.gov.in

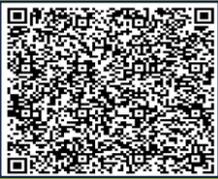
ADDRESS FOR LOCAL CORRESPONDENCE

Dr. C.V.S. Brahmananda Rao
Chairman, LOC, SESTEC-2026
Head, Fuel Chemistry Division
IGCAR, Kalpakkam, India
Telephone: 91-44-27480229
Email: brahma@igcar.gov.in



Accommodation

A number of hotels of all ranges are available near the venue. Daily transport facilities to the symposium venue will be available from the following hotels. Overseas Participants are requested to book their hotel accommodation directly.

| Hotel name | Distance from conference venue | Website QR code |
|-------------------------|--------------------------------|---|
| Four Points by Sheraton | 12 Km |  |
| Radisson Blu | 15 Km |  |
| L'attitude 49 | 13 Km |  |

All the Indian participants will be accommodated at DAE Guest House (for delegates) and DAE Hostels (for students) at Kalpakkam on payment basis.

The accommodation request forms can be downloaded from the website (<https://asset.org.in/sestec2026/>). Filled forms should be sent via email to the symposium secretary at sestec2026@gmail.com on or before **31st December 2025**.

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