

PSSI-Buti Foundation Award for Lifetime Achievement

in

Plasma Science and Technology

1. Objective:

The PSSI-Buti Foundation Award for Lifetime Achievement in Plasma Science and Technology is instituted to recognize and honour an eminent Indian Plasma Scientist whose lifelong contributions have significantly advanced the field of Plasma Science and Technology in India through sustained research, innovation, technology development, education, institution building, and national impact. The award is intended to be among the highest recognitions of the Plasma Science Society of India (PSSI) and shall be conferred annually. The awardee shall be identified through a structured search and evaluation process conducted by a Search Committee constituted by the Plasma Science Society of India (PSSI). No public call for nominations shall be issued.

2. Nature of the Award:

The award shall consist of:

- Cash Prize of ₹ 1, 00, 000/- (Rupees One Lakh only).
- A specially designed Memento/Medal.
- An Award Citation highlighting the awardee's achievements.
- Complimentary registration for the conference/event at which the award is presented.
- Reimbursement of travel expenses for the awardee and spouse as per rules prescribed by PSSI.
- Boarding and lodging expenses for the awardee and spouse during the award ceremony and associated events.
- Any other hospitality as approved by the PSSI Executive Council.

3. Eligibility:

A candidate considered by the Search Committee shall satisfy all of the following conditions:

- Must be an Indian citizen.
- Must have completed 70 years of age on or before 1 January of the award year.
- Must have made outstanding and sustained contributions to Plasma Science and Technology.
- The contributions considered for the award shall be based on work conceived, carried out, and/or substantially developed in India.

- The candidate should have earned national and/or international recognition for his/her contributions.
- The candidate may be active or retired.
- Previous recipients of this award shall not be eligible.

4. Basis of Selection:

The award shall recognize a lifetime of distinguished accomplishments including, but not limited to:

- Fundamental research in Plasma Science.
- Applied Plasma Science and Engineering.
- Plasma processing and industrial applications.
- Fusion plasma research.
- Space and astrophysical plasmas.
- High-energy-density plasmas.
- Low temperature plasma applications.
- Cold Plasma Technologies
- Plasma diagnostics and instrumentation.
- Plasma technology development and commercialization.
- Institution building and leadership.
- Human resource development and mentoring.
- Contributions to national scientific programs.
- Promotion and dissemination of plasma science in India.

The award shall emphasize the overall impact of the nominee's career rather than any single achievement.

5. Search Process

5A. Constitution of Search Committee

The PSSI Executive Council shall constitute a Search Committee every year consisting of eminent plasma scientists and representatives as prescribed under these guidelines.

5B. Identification of Candidates

The Search Committee shall proactively identify outstanding candidates satisfying the eligibility criteria through consultations, examination of scientific achievements, professional records, and other relevant sources.

The Committee may consider candidates from

- National laboratories
- Universities
- Academic and research institutions

- Government organizations
- Industrial R&D organizations
- Other organizations contributing significantly to Plasma Science and Technology.

No formal nominations or applications shall be invited or accepted.

5C. Information Collection

For each candidate under consideration, the Search Committee may obtain

- Curriculum Vitae
- List of significant publications
- Patents and technologies developed
- Major institutional contributions
- National and international recognitions
- Information from experts familiar with the candidate's work
- Any other supporting material considered relevant.

The Committee may seek confidential assessments from experts whenever considered necessary.

6. Search-cum-Selection Committee

The Search Committee shall also function as the Selection Committee.

Conflict of Interest:

Any committee member having a direct professional, or family relationship with a candidate under consideration shall recuse himself/herself from the evaluation and discussion of that nomination.

7. Evaluation Criteria:

The committee may consider:

- Scientific excellence and originality.
- Long-term impact on Plasma Science and Technology.
- Contributions to India's scientific and technological advancement.
- Development of research facilities, laboratories, or national programs.
- Mentorship and creation of future scientific leadership.
- International recognition and reputation.
- Overall impact of the candidate's career and sustained excellence.

Note: No rigid numerical scoring shall be mandatory and the award shall be based purely on distinguished lifetime accomplishment.

8. Selection Procedure:

The Search-cum-Selection Committee shall follow the procedure below:

- Prepare a broad list of eligible candidates based on its own search.
- Collect relevant information on each candidate.
- Evaluate the candidates based on the objectives and evaluation criteria of the award.
- Seek confidential opinions from distinguished experts, if considered necessary.
- Deliberate and arrive at its recommendation through consensus or majority decision.
- Submit its recommendation to the PSSI Executive Council for approval.
- The decision of the Executive Council shall be final and binding.

Note:

- The deliberations of the Search Committee shall remain confidential.
- The Search Committee reserves the right not to recommend any candidate if no suitable candidate is found.
- The Search Committee may maintain a confidential list of eligible candidates for consideration in subsequent years.

9. Confidentiality

All deliberations, evaluations, expert opinions, and discussions of the Search-cum-Selection Committee shall remain strictly confidential. The names of candidates considered shall not be disclosed except for the selected awardee.

10. Presentation of the Award:

The award shall be presented during the inaugural session of the annual PSSI Symposium. The awardee will be invited to deliver the PSSI-Buti Foundation Lifetime Achievement Lecture. The lecture shall be included in the Symposium program and shall be archived by PSSI.

11. Frequency:

One award shall normally be conferred each year. In exceptional circumstances, the Selection Committee may recommend that no award be given in a particular year.

A. Posthumous Award:

The award shall ordinarily not be conferred posthumously. However, if the selected awardee passes away after approval of the award and before the presentation ceremony, the award may be presented to the next of kin.

12. Amendments:

The Plasma Science Society of India, in consultation with the Buti Foundation, reserves the right to amend these guidelines from time to time. Any such amendment shall apply prospectively and will be posted at the PSSI website.