

PSSI-Buti Foundation Award
for
Eminent Scientist in Plasma Science and Technology

1. Objective:

The PSSI-Buti Foundation Award for Eminent Scientist in Plasma Science and Technology is instituted to recognize and honour outstanding contributions by Indian scientists in the field of Plasma Science and Technology. The award seeks to acknowledge sustained, high-impact research, technological innovation, leadership, and contributions to the advancement of plasma science and technology carried out primarily in India.

2. Nature of the Award:

The award shall consist of:

- Cash Prize of Rs. 50,000/- (Rupees Fifty Thousand only)
- A Memento
- An Award Citation
- Reimbursement of travel, local hospitality, accommodation, and other approved expenses for the awardee and spouse for attending the award ceremony and associated event.

Note: The award shall be presented during the annual Plasma Symposium of the Plasma Science Society of India (PSSI).

3. Eligibility:

The nominee must satisfy all the following conditions:

- Must be an Indian citizen.
- PSSI membership is mandatory at the time of nomination.
- Must have completed 45 years of age but not attained 65 years of age as on 1st January of the award year.
- Must have made significant and well-recognized contributions in Plasma Science and Technology through research, development, innovation, applications, education, or scientific leadership.
- The major part of the work forming the basis of the award must have been carried out in India.

- The nominee should possess a distinguished record of scientific achievements reflected through publications, patents, technologies, industrial applications, national missions, institution building, human resource development, or other notable contributions.
- Previous recipients of this award shall not be eligible for reconsideration.
- The nominee must possess a doctoral degree (PhD or equivalent) in a relevant area of science, engineering, or technology.
- Preference shall be given to scientists who have demonstrated sustained and impactful contributions to Plasma Science and Technology over a period of at least fifteen (15) years.

4. Criteria for Evaluation:

The selection shall be based on:

- Originality and significance of scientific contributions.
- Impact on plasma science and technology at national and/or international levels.
- Quality and influence of research publications.
- Technological innovations, patents, and technology transfer.
- Contributions to major national programmes and societal applications.
- Leadership in developing research groups, laboratories, facilities, and human resources.
- Recognition received from national and international professional bodies.
- The selection committee shall assess nominees based on the quality, originality, significance, and impact of their contributions to Plasma Science and Technology. The evaluation may be based on the following indicative weightage:

Criterion	Weightage
High quality research publications along with citations in the area of plasma science and technology	40%
Patents, Technology Development and Transfers	25%
Leadership, Institution Building, Human Resource Development (PhD and Master thesis guidance), and Start-up Mentoring	20%
Contributions to national missions, professional societies, and societal impact	15%

The Selection Committee may exercise its judgment in applying the above criteria while ensuring recognition of truly outstanding and sustained contributions to the field.

5. Nomination Process:

1. Nominations shall be invited annually through announcement on the PSSI website.
2. A nomination must be submitted by:
 - A Fellow of a National Science/Engineering Academy; or
 - A recipient of a national scientific award; or
 - Head/Director/Vice-Chancellor of a recognized academic or research institution; or
 - A former President of PSSI.
 - Previous recipients of the award.
 - Two recognized Plasma Scientists/Professors jointly recommending the nomination.
 - Each nominator may submit only one nomination in a given year.

Note: Self-nominations shall not be accepted.

6. Documents Required:

The nomination package shall include:

- Completed nomination form.
- Citation of not more than 1000 words highlighting the nominee's achievements.
- Detailed Curriculum Vitae.
- List of ten most significant publications with impact statement.
- List of patents, technologies developed, and technology transfers, if any.
- Details of awards, honours, fellowships, and professional recognitions.
- Two supporting letters from eminent scientists familiar with the nominee's work.

7. Selection Committee:

- The PSSI Executive Council shall constitute a Selection Committee consisting of:
 - President, PSSI or his/her nominee
 - One representative of the Buti Foundation
 - Two eminent scientists of national standing in Plasma Science and Technology
 - One past recipient of the award (when available)
 - Secretary, PSSI, Member Convenor

- Members having a conflict of interest with any nominee shall recuse themselves from the evaluation process.
- The names of the members of the Selection Committee shall remain confidential during the evaluation process and will be disclosed only after the announcement of the award at PSSI Website. (This will be discussed in the GBM and final decision will be taken).

8. Selection Procedure:

- The Selection Committee shall evaluate all valid nominations.
- Expert opinions may be sought from independent referees when required.
- The Committee shall recommend one awardee each year.
- The recommendation shall be approved by the PSSI Executive Council.
- The decision of the Society shall be final and binding.

9. Frequency of the Award:

- One award shall normally be conferred each year.
- If no suitable candidate is found, the award may be withheld for that year.
- The award shall ordinarily not be shared.

10. Presentation of the Award and Obligations of the Awardee:

1. The award shall be presented at the Annual National Symposium of the Plasma Science Society of India (PSSI).
2. The awardee shall deliver the "PSSI-Buti Foundation Eminent Scientist Award Lecture" during the award ceremony or at a designated session of the symposium.
3. The awardee shall submit a short article based on his/her award-winning contributions, research achievements, or perspectives on Plasma Science and Technology for publication in the PSSI Newsletter, Proceedings, or any Journal published or sponsored by PSSI.
4. The lecture and article shall form part of the archival record of the Award and shall be disseminated by PSSI for educational and scientific purposes.

11. Confidentiality:

All nominations, referee reports, deliberations, and recommendations of the Selection Committee shall remain confidential.

12. Interpretation and Amendment of Guidelines:

- Any matter relating to the interpretation of these regulations shall be decided by the Executive Council of PSSI, whose decision shall be final.
- PSSI reserves the right to amend these guidelines with the approval of its Executive Council in consultation with the Buti Foundation.