

Z. H. Sholapurwala Award

“For contributions in RF and Microwave Applications related to Plasma”

1. Objective:

The “Z. H. Sholapurwala Award for the contributions in RF and Microwave Applications related to Plasma” has been instituted by Dr. Z. H. Sholapurwala of M/s Zeonics Systech Defence & Aerospace Engineers Pvt. Ltd., Bangalore to recognize innovative and state-of-the-art R&D in the fields of Radio Frequency, Microwaves and allied technologies in India.

2. Nature of the Award:

The award shall consist of:

- Cash Prize of ₹ 10, 000/- (Rupees ten thousand only) till date.
- An Award Citation.

3. Frequency: Biennial

4. No. of awards: One

5. Eligibility and Basis of Selection:

The candidate shall satisfy following eligibility criteria:

- Must be an Indian citizen, working in India.
- PSSI membership is mandatory at the time of nomination
- For individuals, the maximum age limit would be 40 years (as on 1 January of the year of award).
- The award will be given to an Individual (Only within India) from Colleges, Universities and R&D establishments (Government Labs/Industries/Private) involved in state-of-the-art R&D in the fields of Radio Frequency (RF), Microwaves and allied technologies (listed below) that are related to Plasma,
 - RF/Microwave Source Development
 - RF/Microwave Transmission, Reception and Antenna
 - RF/Microwave Power Coupling
 - RF/Microwave Sensor Detectors and Diagnostics
 - RF/Microwave Applications
 - RF/Microwave Modelling and Simulation
 - Electromagnetic Isolation (EMI) / Electromagnetic Compatibility (EMC)
 - Insulation and Dielectrics for RF and Microwave

➤ Impulse Technology (Also includes high voltage technology)

- The award will not be shared.

6. Application Process

- Electronic version (pdf) of the application, in prescribed format along with supporting documents (Detailed CV, List of Publications with DOI, Patents certificate, other details, if any), should be sent to [sssi@ipr.res.in](mailto:ssi@ipr.res.in) with the subject line 'Sholapurwala RF Awards _____(year)' on or before notified date.
- Also check **Online submission process** notification at PSSI website www.pssi.in.
- There is no need to deliver the documents in hard copy.

7. Selection Committee

7A. Constitution of Committee:

The Selection Committee shall consist of:

1. Two members from PSSI executive council
2. One representative from Sholapurwala foundation
3. Two external experts in the areas of RF and microwave engineering

***Note:** The committee may co-opt other experts if required.*

7B. Conflict of Interest:

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

8. Evaluation Criteria:

The committee may consider following points while evaluating the nominations,

- Significance of area of work **(20% weightage)**
- Quality and impact of peer-reviewed publications relevant to the nominated work **(30% weightage)**
- Patents applied / received related to the developed technology **(20% weightage)**
- If any prototype based on the work has been developed **(15% weightage)**
- Demonstration of societal applications of the developed technology **(15% weightage)**

9. Selection Procedure:

- Applications received by PSSI from potential candidates (by notified date) will be scrutinized for eligibility.
- The Selection Committee shall evaluate all valid applications.
- The Committee may seek additional information or expert opinions, if required.
- The decision of the selection committee shall be final and binding.
- If the Committee fails to find an appropriate candidate for the award for a particular year, the unused award money will be added to the award corpus and the award amount will be modified in due course.
- The recommendation of the Selection Committee shall be submitted to the PSSI Executive Council for approval.
- PSSI executive council will inform the selected candidate by email.

10. Presentation of the Award:

This award will be presented during the annual National Symposium on Plasma Science & Technology organized by PSSI. The winner of the award will be required to make a 25-minute presentation regarding his/her work for which the award was presented.

11. Amendments:

The Plasma Science Society of India, in consultation with the M/s Zeonics Systech Defence & Aerospace Engineers Pvt. Ltd., Bangalore, 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.