

Z. H. Sholapurwala Award for the contributions in RF and Microwave Applications - 2024

The award:

The “**Z. H. Sholapurwala Award for the contributions in RF and Microwave Applications**” 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. The details of the award are as follows;

1. Frequency of the award : Biennial
2. Number of awards : **ONE**
3. Cash award : Rs.10,000 & Citation
4. Travel assistance (Low cost economy class airfare) from place of awardee to the place of award

5. Local accommodation (will be provided by the LOC of the Symposium)

Who are eligible to apply: Applicant from Colleges, Universities and R&D establishments involved in state-of-the-art R&D (Only within INDIA) in the fields of Radio Frequency (RF), Microwaves and allied technologies as listed below.

1. RF/Microwave Source Development
2. RF/Microwave Transmission, Reception and Antenna
3. RF/Microwave Power Coupling
4. RF/Microwave Sensor Detectors and Diagnostics
5. RF/Microwave Applications
6. RF/Microwave Modelling and Simulation
7. Electromagnetic Isolation (EMI) / Electromagnetic Compatibility (EMC)
8. Insulation and Dielectrics for RF and Microwave
9. Impulse Technology (Also includes high voltage technology)

Age limit: The maximum age limit would be 40 years (as on 1 January of the year of award, i.e., January 1, 2024). The applicant has to be an Indian citizen, working in India.

Application Deadline: One copy to be submitted and an electronic version can be sent by e-mail to pssi@ipr.res.in with the subject line ‘**Sholapur Award-2024**’ on or before **31 October 2024**.

Selection process: Nominations will be received by PSSI from potential candidates (by 31st October of the year of award) and will be scrutinized by a committee consisting of members from PSSI executive council as well as external experts in the areas of RF and microwave engineering. 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 following points will be considered while evaluating the nominations ie.,

- (1) Significance of area of work
- (2) Peer reviewed publications in the last 2 years related to the area specified by the nominee
- (3) Patents applied / received related to the developed technology
- (4) If any prototype based on the work has been developed
- (5) Demonstration of societal applications of the developed technology

The decision of the selection committee will be final and binding.

Award Ceremony: This award will be presented during the National Symposium on Plasma Science & Technology organized by PSSI. The winner of the award will be required to make a 20 minute presentation regarding his/her work for which the award was presented.

Details can be obtained at http://www.pssi.in/documents/Sholapurwala_rf_award.html

Application may be sent to:

**General Secretary, PSSI
Institute for Plasma Research
Bhat, Gandhinagar – 382 428**

Email: pssi@ipr.res.in

Proforma for Nomination

(One copy to be submitted and an electronic version can be sent by e-mail to pssi@jpr.res.in with the subject line 'Sholapur Award-2024' on or before **31 October 2024**)

1. **Name of the Applicant :**
2. **Date of Birth:**
3. **Present designation of the Applicant:**
4. **Name of the Institution in which the Applicant is working:**

5. **Postal Address:** _____

Telephone/Mobile:

Email:

6. **Academic Qualifications** (Bachelor's degree onwards):

Degree	Name of University/Institute	Discipline	Year	Division/ CGPA

7. **Field of specialization of the nominee:**

8. **Positions held earlier** (if any):

9. **Awards/Distinctions received** (National/International level):

10. **References** : Names and addresses, telephone, Mobile, email of 2 eminent engineers/scientists from outside the nominee's institution to whom a reference may be made:

Telephone/Mobile:
 Email:

Telephone/Mobile:
Email:

3

11. Significant engineering contributions for awards:

(To be on a separate sheet, not more than 2 A4 size pages covering engineering research, excellence in engineering design, technology development and technology transfer if any)

12. Number of publications in peer reviewed journals in the last 2 years :

(Please provide detailed list with title, names of ALL authors and other details)

13. Number of patents (Applied / Awarded) :

Please provide details

14. Details of demonstrations of societal applications of the developed technology (if any) :

15. Any other relevant information:

Certified that the information given above is correct to the best of my knowledge.

Place:

Date:

Signature of Applicant

Forwarded by head of the Institute/office with Seal:

Name:

Designation:

Address: _____

Telephone / Mobile:

E-mail:

Application may be sent to:

**Secretary, PSSI
Institute for Plasma Research
Bhat, Gandhinagar – 382 428**