

## **Z. H. Sholapurwala Award for the contributions in RF and Microwave Applications – 2023**

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

**Who are eligible to apply:** Individuals or R&D groups (Only within INDIA) from Colleges, Universities and R&D establishments involved in state-of-the-art R&D in the fields of Radio Frequency (RF), Microwaves and allied technologies (listed below). The award can be presented to an individual or to a research group depending on the Committee’s decision. The award will not be shared.

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

**Application Deadline:** 03 November 2023.

**Selection process:** Nominations will be received by PSSI from potential candidates (by 31<sup>st</sup> August 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 in the month of December. The winner of the award will be required to make a 25 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](http://www.pssi.in/documents/sholapurwala_rf_award.html)

Electronic version (pdf) of the application should be sent to [pssi@ipr.res.in](mailto:pssi@ipr.res.in) with the subject line **‘Sholapurwala RF Awards 2023’** on or before **03 November 2023**.

There is no need to deliver the documents in hard copy.