

Call for Final Project Submission PGSPF 2021-22

IEEE Madras Section PGSPF proposal received from the participants were preliminary evaluated and recommended for the final project submission. PGSPF 2021-22 scrutinized for the final demo and validation are listed below.

Sl. No.	Topic	College Name	Name	Membership No.
1	Predictive Intelligence Based Tea Leaf Disease Detector Using Densenet Model	National Engineering College	M. Asta Lakshmi	97953294
2	Development of Intelligent Damper Control in VAV Based HVAC Systems Based on Occupancy Detection and Physical Parameters	SRM Institute of Science and Technology	Mr.Vasanthkumar	97775380
3	Development of Advanced Irrigation System Using Zigbee	Sri Ramakrishna Engineering College	Shubiksha.T.V.	97822785
4	Microbial fuel cell and ecological monitoring	SRM Institute of Science & Technology	Ms. P.Suganya	97779336
5	Automatic early identification of Down syndrome using ultrasound images	SRM Institute of Science & Technology	Ms. Mary Christeena Thomas	97816482
6	Mobile robot navigation using a whisker-based bioinspired tactile sensor	Indian Institute of Technology Madras	Rishabh Shukla	95029085
7	Design of smart air purifier using gas sensors and filters for industrial smoke	NIT Puducherry.	M.Anitha	96276684
8	Design and Develop a Compact Reconfigurable Frequency Selective Surface for Beam steering for Beyond 5G Communication	SASTRA Deemed to be University, Thanjavur	Ms. S. Monisha	96265688
9	Microwave Food Processing and Inactivating Pathogenic Micro-Organisms	SASTRA Deemed to be university	Ranjani Hilda Mary I	97559790

The final project demo and validation will be done at IEEE Madras section **on 15.09.2021 (Monday) at 10.30 Hrs. – 13.30 Hrs.**, Room No.3, ISTE Professional Center, Gandhi Mandapam Road, Kottur, Chennai -600 025.

If the demo is conducted off-line. The registered out-station participants will be paid second class train fare / ordinary bus fare to attend this program.

Please note that all the projects submitted earlier were recorded and hence you are requested not to use the same module or part of the submitted project during PGSPF. **IEEE appreciates participants to operate and show the final project as fabricated model rather than showing in the layout form.**

Projects submitted is liable for the funding or rejection by juries and finally with the approval of IEEE Madras execom.

Pls Note:

- Online pre-project demo will be conducted during the month of October 2021. The date will be intimated later.
- Participants are supposed to send the project report in advance i.e on or **before 1st Nov 2021**, one copy(hard & Soft) duly signed by the principal not exceeding 8 pages as the soft copy (**MS Word format**).

Thanks and Regards,

Dr. R. Venkatesan
Chair - Sub Committee
(IEEE Student Project)
IEEE Madras section