

Call for Final Project Submission SPF 2020-21

IEEE Madras Section SPF proposal received from the participants were preliminary evaluated and recommended for the final project submission. SPF 2020-21 scrutinized for the final demo and validation are listed below.

Sl.No.	Project Title	College Name	Sl. No	Student Name	Membership No.
1	Accident Prevention By Monitoring Driver Drowsiness Based On Yawning Detection	Sri Sai Ram Engineering College	1	Rahul Narayanan L	95623406
2	Smart Wet Grinder (Automatic Wet grinder using IOT)	Sri Eshwar College of Engineering	1	Rishvana M	95053108
			2	Ruthra Prakash S	95081493
			3	Vignesh K	95656233
3	Savvy Forecast LPG Observing and Explosion Management	St. Joseph's College of Engineering	1	Hounandan R	95433392
			2	Kumaran MS	94417044
			3	Prahatheesh B	95459787
4	The Covid Fighter	St. Joseph's College of Engineering	1	Jothika A	97181075
			2	Karunya D	97181032
			3	Kanagapriya S	97181065
			4	Monika C	97180998
5	Purification of water using Carbon Nanotube	Sathyabama Institute of Science and Technology	1	D Meghana	96763017
6	Safe Box	Bannari Amman Institute of Technology	1	Alaganand A R	96670377
			2	Barath Kumar C	96600643
			3	Naveen Kumar A	96230578
7	Ultrasonic sterilization for hospitals and crowded areas due to COVID	SSN College Of Engineering	1	Vishnuvazzala Laasya Subramanyam	95440798
			2	Vishnuvazzala Sasya Subramanyam	96408075
			3	Chetana Krishnan	95459912

8	Solar Powered Smart Street Light	St. Joseph's Institute of Technology	1	Hariharan Baskar	9510441
			2	Dhanush Ganesh	94837736
9	Smart Street Light System Using Raspberry Pi	St.Xavier's Catholic College of Engineering	1	Farhana S	96156962
			2	Ragavi A	95121470
			3	Sowmiya D	95105696
10	A Deep Learning Based Multiclass Segregation of E-Waste	Kumaraguru College of Technology	1	S.Elangovan	96581074
11	Home Automation Using Li-Fi Technology	SNS College of Technology	1	V. Sripathi	96657240
			2	R. Thavaseela	96657341
			3	G.Narendharan	96669651
			4	G. Arvindh Kumar	96657227
12	Swarm Drone Based Fire Extinguisher	Karunya Institute of Technology and Sciences	1	Vishwas. G. K	97070274
13	Sovereign fishing and monitoring 'BOT'	SRM Institute of Technology,	1	Mr. AKASH SINGH	97093878
14	Robotic Prosthetic Arm for Amputee	SRM Institute of Science and Technology (SRM IST)	1	NimeshBhevan A R	97057015
			2	Vinod M	97065040
			3	Yogesh H	97065096
15	Deep Learning And Iot Based Smart Life Saving Emergency Traffic Light Control	Dr. N.G. P. INSTITUTE OF TECHNOLOGY	1	Mr. Jeyanth kamal J	95056109
			2	Mr. Nithin kumar S	94849580
16	Design And Development Of Iot Based Intelligent Disease Management In Agricultural Applications.	Dr. N.G. P. Institute Of Technology	1	Ms.Aarthi S K	96201491
			2	Mr.JaswanthPrabu V	97068500
17	A hybrid photovoltaic-wind power generation system based on the foldable umbrella mechanism for effective space utilization	Chennai Institute of Technology	1	THARUN JAYAKUMAR	96949791
			2	BALAJI KUMAREN T S	96949792
			3	SARATH KUMAR V.S	96949843

18	Automatic Writing Pen using Voice Recognition for Physically Challenged People	Jeppiaar Institute of Technology	1	R. Ragulkannan,	94569963
			2	P. Vignesh	94570282
			3	K. Charmathi	96078939
19	Vital Monitoring Wearable Suit With Social Distance Alarm	Jeppiaar Institute of Technology	1	PraveenKumar AV	94568143
			2	Tamilselvan S	94565134
20	Artificial Intelligence Based Bluetooth-Operated Smart Elevator System	PSG Institute of Technology	1	M. Alenkruth	96439809
			2	P. Dharun	96492572
			3	Subhash Sadacharam	95486044
21	Voice Based Water Dispenser System	Bannari Amman Institute Of Technology	1	Ravikumar P	96230572
			2	Kalaiarasan A	96230532

The final project demo and validation will be done at IEEE Madras section **on 17.04.2021 (Saturday) at 09.00 Hrs. – 13.00 Hrs.**, Room No.3, ISTE Professional Center, Gandhi Mandapam Road, Kottur, Chennai -600 025.

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 SPF. **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, participation certificate is not encouraged.

Pls Note:

Participants are supposed to send the project report in advance i.e on or **before 18th March 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