

Call for Final Project Submission SPF 2019-20

IEEE Madras Section SPF proposal received from the participants were preliminary evaluated and recommended for the final project submission. SPF 2019-20 scrutinized for the final demo and validation are listed below.

Sl.No.	Project Title	College Name	Sl. No.	Student Name	Membership No.
1	Integrated Automatic Floor Warning, Alert and Evacuation System using IOT	SRM Institute of Science and Technology	1	Ranik Debta	96121063
			2	Prakhar Shah	96121851
2	Medicinal plant detection and disease identification using image processing.	Dr. Sivanthi Aditanar College of Engineering	1	H.Pavithra	95614279
			2	G.Percy Evangelin	95614505
			3	V.Pon Praveena	95614315
			4	R.Sankarikiruthika	95614247
3	Detector To Identify Fitness And Authenticity Of Indian Currency	Dr. Sivanthi Aditanar College of Engineering	1	M.A.K. Sithi Madhani	95614238
			2	S. Sujitha	95614407
			3	C. Uma Preetha	95616465
			4	N. Valli	95614402
4	IoT Based Smart Health Monitoring System with AI Assist	St. Joseph's College of Engineering,	1	P. Gokulaprasath	94831513
5	IOT Enabled Design And Fabrication Of Wheelchair Cum Stretcher With Patient Monitoring And Home Automation	S.A. Engineering College	1	Janani.R	95037491
			2	Keerthana.T.R.S	95062729
			3	Reena Joseline.A	95185424
			4	Prasanna Krishnan.P	95369713
6	Smart sewage poisonous gas analyzer and controller using IoT	Dr.N.G.P.Institute of Technology	1	Mr.Navaneethan.S	96171261
			2	Mr.Abdul Faiyaz.A	96166807
			3	Mr.Sathish Kumar.V	96197437
			4	Ms.Dhavamani.S	96171258
7	E-Waste Segregation and Management through Machine Learning	Kumaraguru College of Technology	1	T.Priyadharshini,	96232762
8	Techno Eye	Sri Eshwar College of Engineering	1	Mr.Venkatraman.N	94247957
9	Traffic Police Assistance Smart Bike with Safety Measures	Jeppiaar Institute of Technology	1	B.Madhumitha	94450969
			2	A.Hiranmaie	94238292
10	3 IN 1 AGROBOT,(Smart Seed Sowing Machine)	Bannari Amman Institute of Technology	1	Bhuvanesh S	94840522
			2	HariPrasath M	95453075
11	Smart Insole: Unobtrusive vitality monitoring System	St. Joseph's Institute of Technology	1	Aruna krishnan	94832838
			2	Christy Kingsly	94832872

12	Performance Improvement In Solar Pv System Using Advanced Power Electronics Converters	Kongu Engineering College	1	R.P. Vishwaa	96120782
13	Smart Energy Monitoring using Universal Current Transformer	Thiagarajar College of Engineering	1	Sudha.A.K	96105403
14	Low Cost Tremor Measurer for Parkinson's Disease Diagnosis	ManakulaVinayagar Institute of Technology,	1	S.Balaganapathy	96067533
			2	D.Muralidharan	96067509
15	Detection of Lung diseases using breathing rate analysis	SSN College of Engineering	1	Chetana Krishnan	95459912
16	Automation of Hydroponics Green House Farming using IOT	ManakulaVinayagar Institute of Technology,	1	Manoj Kumar.K	96067374
			2	Kannan .S	96067342
17	Elcare - Assistance for Elderly People	Sri Sairam Engineering College	1	Anu Valliammai.R	94483395
			2	Monika .M	95057648
18	ADS-B Radio Receiving Real Time Aircraft Tracking And Monitoring System Using RTL -SDR	Sri Sairam Engineering College	1	Rakesh Narayanan	96078172
19	Automatic Check Post And E-Toll Payment System Using Rfid And GSM Module	Sri Ramakrishna Engineering College	1	Ranjit V.S	94397990

The final project demo and validation will be done at IEEE Madras section **on 18.04.2020 (Saturday) at 09.00 Hrs. – 13.00 Hrs.**, Room No.3, ISTE Professional Center, Gandhi Mandapam Road, Kottur, Chennai -600 025.

Registered 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 30th March 2020**, 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