

Call for Final Project Submission SPF 2022-23

IEEE Madras Section SPF proposals received from the participants were preliminary evaluated and recommended for the final project submission. SPF 2022-23 scrutinized for the final demo and validation are listed below.

1	IFET College of Engineering	BIO-Inspired Octobot For Child Rescue From Open Bore Well	1	Subash. R	98744802
			2	Srivani.C	98744458
			3	Keerthivasan.H	98744823
2	Sastra Deemed to be University	Design of Microstrip Patch Antenna for Wi-Fi 6E Applications	1	Sai Aravind	97832097
3	KCG College of Technology	IOT Enabled Risk Monitoring System In Cold Supply Chain	1	Harish Chensudar K	98391492
			2	Abishek R	98816743
			3	Lokesh R	98816797
4	Kumaraguru College of Technology	Battery Management System with Active Balancing	1	Premkumaar M	98755964
			2	Arjun G	98067331
			3	Sakthivel P S	98841760
			4	Sivasankari T	98070511
5	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Automatic Trash Monitoring (Atm) Bin	1	Gadde Mukesh Narayana	98559678
			2	Prativa Oli	98648395
6	Sri Sai Ram Institute of Technology	Transparent Solar Panel using Cloud.	1	Vinish S	98086879
7	Sri Sairam Engineering College	Smart Voice Assistant Based Hospital Companion With Medicine Dispenser	1	Harini. A	98253138
			2	Buvana. C	97501988
8	SA Engineering College	Rain Water Detach In Agriculture Field	1	U. Nithishkumar	98431812
9	SA Engineering College	Solar Dehydrator	1	Sanjaypriyan.S	98432598
			2	Gugan.R	98432756
10	Sri Eshwar College of Engineering	Gravity Based Energy Storage System	1	Raghul A	96987428
			2	Sowndar K	97032032
			3	Soundarkarthick T	97849857
			4	Vijay N	98364910
11	SRM Institute of Science and Technology	A Device For Automatic Detection Of Early Diagnosis Of Cardiac Autonomic Neuropathy	1	Manthan Maheshwari	98099910

12	Sri Eshwar College of Engineering	Safety-Improving Li-Fi Wireless Data Sharing Between Cars	1	Ragabharathi A	97030713
			2	Shwethaa G P	97863331
			3	Piriadharsi P	97864468
13	Mailam Engineering College	Smart Low Fabrication Cost Medicine Delivery Robo	1	Herashsimsoan.P	98382383
			2	Krishna Govindhan.M	98760170
			3	Vignesh.K	98741402
14	Easwari Engineering College	Real Time Implementation of Deep Learning Algorithm based Face mask Recognition System	1	Mr. S. Visvaraj 92287558	98809358
15	Saveetha Engineering College	A Smart Health Monitoring System Based On Web-Service Oriented Architecture For Civil Service People	1	Mirrahashini K	96985581
			2	Mukeshbalaji	97908783
			3	Nitin Moses	96986361
			4	Vaideesh Ragavan S	96993619
16	St. Joseph's College of Engineering	Pem Fuel Cell Based Car	1	Miss. Dharani V	98021376
			2	Mr.Charlton Christ W	98021021
			3	Mr. Harry Jackin S	98020783
			4	Miss. Abiksitha R	98020727
17	St. Joseph's College of Engineering	Smart Energy Management And Load Forecasting Of Individual Loads	1	Mr Abishlal N S	97514834
			2	Ms Jenin Benedict A	97673397
			3	Mr Mohamed Aashik S	97514362
			4	Ms Abinayaa Sri T	97514324
18	Sathyabama Institute of Science and Technology	Smart Intelligent Security System	1	P Ananthalakshmi	98297284
19	Sri Sairam Engineering College	Amobot Thermal Image Processing Rover With GPS Enabled Human Detection Through Opencv	1	Sharath Kumar.R.G	97798338
			2	Adithya Subramani S	96936849
			3	Rithika.V	97798347
			4	Swetha D	97822370
20	Kumaraguru College of Technology	Dust Monitoring and Control System in Industries	1	Sharan K Teee	98383035
			2	Tarun Raj G	98055792
			3	Vikasini S	98056898

21	St. Joseph's Institute of Technology	Farm Land Protector	1	M.G.Swaminathan	97636175
			2	S N Kailashsundaram	97520426
22	St. Joseph's Institute of Technology	Smart Storage System For Fisheries	1	Uvashree R	97520527
23	Karunya Institute of Technology and Sciences	Snake Avoidance System Using AI	1	Roshan Gaudham S	97299416
			2	Darshan B	98619801
			3	Alphonse Vimal Jose J	98619791
24	Sri Ramakrishna Engineering College	Excretory health monitoring system using urinary analysis	1	Subramani. N	97581272
25	Government College of Technology	MECAS - Median Collisions Avoidance System	1	Narendran S	96417973
			2	Dheesha G	98463444
			3	Subasri S	98481195
			4	Athigengamuthu S	98487640
26	Panimalar Institute of Technology	A Kinematic Model Of Knowledge Representation For Robots Using Fuzzy Interface Systems With Arm Emphasis Path	1	Aarathi A	97672240
			2	Sowmiya N	97220272
27	Panimalar Institute of Technology	Robotic Pit Harvesting To Develop The Yield Of Agriculture Crops	1	Dhanalakshmi G P	97553256
			2	Lohitha P	97553218
			3	Gracelin Hepsiba J	97672214
28	Knowledge Institute of Technology	PURE SPINES – An IOT enabled personal assistant to predict the arrival of back and leg pain for healthier human life	1	Chandru M	98072172
			2	Dinesh K	98068240
			3	Prem M	9813233 1
29	Dr.N.G.P.Institute of Technology	New Topology Of Single Source Multi-Output Power Converter For Electric Vehicle Applications	1	Ms. M Sowmiya	98664358
			2	Ms. G Sobana	98710456
30	Sri Krishna College of Engineering and Technology	Implementation of IoT-based Smart-blender for Siddha Medicine.	1	Nikitha. G.	97926440
			2	Kirupagaran	97929193
31	Academy of Maritime Education and Training	Solar Hydrogen for Ships and Vehicles	1	Zuben Kalyan	98331441
32	Sri Sai Ram Institute of Technology	Street Light Using Noise Source	1	Akshatha S	98014558
			2	Yashini R	98014625
33	Sri Sivasubramaniya Nadar College of Engineering	Minimally Invasive Microneedle patches based Insulin Delivery system	1	Naveen Jai Krishna R	97805589
			2	C Shanmukha Priya	99014773

The final project demo and validation will be done at IEEE Madras section **on 15.04.2023(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(students) 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 are 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 2023**, one copy(hard & Soft) duly signed by the principal not exceeding 8 pages as the soft copy (**MS Word format**).

Thanks and Regards,

Dr. V. Nagarajan,
Chair, Sub- committee (IEEE Student Project),
IEEE Madras Section