



மாவட்ட அறிவியல் மையம்
जिला विज्ञान केंद्र DISTRICT SCIENCE CENTRE

தேசிய அறிவியல் அருங்காட்சியகக் குழுமம் राष्ट्रीय विज्ञान संग्रहालयों की परिषद National Council of Science Museums

கலாச்சார அமைச்சகம், இந்திய அரசு संस्कृति मंत्रालय, भारत सरकार Ministry of Culture, Govt. of India
கொக்கிரகுளம், திருநெல்வேலி - 627 009 कोकिरकुलम, तिरुनेलवेली - 627 009 Kokkirakulam, Tirunelveli – 627 009
Email: sciencecentrenellai@gmail.com Ph +91 462 250 0256 Web: www.dsctirunelveli.org.in

Projects selected for Innovation Festival - 2020

Sl. No.	Name of the Innovator 1	Name of the Innovator 2	Title of the project	Freelance/ Inst.	Discipline	Category	Remarks
1	Dr. P Thangamuthu		Substitute to Molasses for Ethanol production	Freelance	Science	Ind.	Selected
2	M Shree Nidhi	R.Sivani shree	Floor Cleaning Bot	Institution	Science	Grp.	Selected
6	M Ranjith	M S Murali	Kraft of Analysis & Measuring satellite	Institution	Engng	Grp.	Selected
7	B Visagan	B Linghesh	Alco Bike	Institution	Science	Grp.	Selected
8	P Ganesan		Native Cowdung Handicraft Products	Freelance	Craft	Ind.	Selected
9	Dr. N Rajesh Jesudoss Hynes	Dr P Nagaraj	Transforming LATHE in to Eco-friendly welding machine	Institution	Engng	Grp.	Selected
11	Harini Karthik	M Guna Shalini	E-Glove - A wearable Safety Device	Institution	Engng	Grp.	Selected
15	G Jaya Sheepa	K Siva Harini	Smart gloves for hand gesture recognition using sensor	Institution	Engng	Grp.	Selected
18	Harini Harthik	R Dhanalakshmi	IOT & machine learning based power management & controlled socket	Institution	Engng	Grp.	Selected
19	R Jothi	M Roshan Peer Mahamoodha	Generation of electricity with the use of foot steps	Institution	Engng	Grp.	Selected
20	M R P Lokesh Sv.		Formulation and Evaluation of Herbal Lip Balm from Natural edible colouring matter	Institution	Science	Ind.	Selected
21	Johara Anisha Ahmed	Nusrath Irfana	Automatic Solar Tracking system	Institution	Engng	Grp.	Selected
25	Janani	Jayagiri G	Banana stem fibre polymer sheet	Institution	Science	Grp.	Selected
26	S Hridya Rajeev	J Gayathri	Water from Atmospheric air	Institution	Science	Grp.	Selected
31	T Perumal		Writing and drawing on palm leaf using laser	Freelance	Art	Ind.	Selected
36	M Kiruthika	Suba Varshini	Pollution control	Institution	Science	Grp.	Selected
37	Janani	Pooja	Art and Craft	Institution	Crafts	Grp.	Selected
46	M Anooj	H Maniponraja	Autonomous Load Carring electric Vehicle	Institution	Engng	Grp.	Selected
47	Abishek G Shanker	V S Vinoth Abhilash	Solar powered surveillance drone for women's safety	Institution	Engng	Grp.	Selected
54	Hari Subramanian		Multiurpose Agriculture machine	Institution	Engng	Ind.	Selected
70	P Aakash		Smart Blind stick	Institution	Engng	Ind.	Selected
75	S K Priya Dharshini		Paper basket and canvas paintings	Institution	Art & Crafts	Ind.	Selected
78	Dr. S Senthil Kumar		Mobile app in sheep and goat farming	Institution	Science	Ind.	Selected



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81	S Kalyan		Producing electric current from wind energy	Institution	Engng	Ind.	Selected
83	Rafi Riyaz	B Hemanth	Solar panel Isolation using vajrapaat-app	Institution	Engng	Grp.	Selected
84	V Tharnath Reddy	B Chandrakanth	Smart Drainage Cleaning System	Institution	Engng	Grp.	Selected
85	V Ananda Perumal	R Girija	Art from Waste	Freelance	Crafts	Grp.	Selected
86	B Theja	S Karthik Kumar	Pest Repeller	Institution	Science	Grp.	Selected
88	M Hari Krishnan		Mechtronics Rover	Institution	Science	Ind.	Selected
93	Dr. G S Prabudoss		Conciopus painless endoscopy in adults	Freelance	Science	Ind.	Selected
95	P S Ashwath	S Sukeshan	A LoRa enabled sustainable messaging system for isolated communities	Freelance	Engng	Grp.	Selected
98	K N S Serma Arun	K S Rahul Kumar	Borewell rescue robot	Institution	Engng	Grp.	Selected
104	M Yogalakshmi	B Pandimeena	Women Protection Alert System With Location Tracking	Institution	Engng	Grp.	Selected
105	K S Pavithra	N Padma Priya	Nature's Gift-Bio Based polymers	Institution	Engng	Grp.	Selected
109	J Murugan		Hybro Bike	Freelance	Engng	Ind.	Selected
110	M Monika		Arts and Crafts	Institution	Art	Ind.	Selected
118	G Nokudaiyaval	S Priyanka	Auto Navigation Drone System	Institution	Engng	Grp.	Selected
124	Rajesh		Heart Rate Monitoring	Freelance	Engng	Ind.	Selected
126	Kishore		Obstacle Avoiding Robot using Arduino and ultrasonic sensor	Freelance	Engng	Ind.	Selected
127	Jagadeesan S N		Borewill Child Safty Lock System	Freelance	Engineering	Ind.	Selected
131	S Navi Rajan		AMLA Subhari	Freelance	Engng	Ind.	Selected
133	A Asif Khan		Portable Water Purifier	Institution	Engng	Ind.	Selected
134	M Sree Saradha	R Rathina Rajeswari	Use electromagnetic forces in a coil to propel a projectile	Institution	Engng	Grp.	Selected
135	V Subash Pandian	K Vetri Manikandan	Agriculture Solar Sprayer	Institution	Engng	Grp.	Selected
137	U Abdul Rahman		Asudech - Social thinking game	Freelance	Art	Ind.	Selected
139	K C Nandhan		Bio-Electric Air Purifier	Freelance	Science	Ind.	Selected
149	Fathima Beevi G	Aarthilakshmi R	Aqua communication using modem	Institution	Engng	Grp.	Selected



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155	Mathesh R	Bharath	Password -based Door Lock system using Arduino Uno	Institution	Others	Grp.	Selected
157	S Sathis Manikandan	G Muthuselvan	Techniques to Prevent Land Slides	Institution	Engng	Gup.	Selected
163	Nisha Suresh	Jai Brundha Immanuel	E-Tongue for Milk Adulteration using ingenious technique	Institution	Engng	Gup.	Selected
165	Logeswari k	Diviya Poorani A	Adulteration in food items	Institution	Enging	Grp.	Selected
167	Subarathinam	Paramasivam	Scorpion Venom Extractor	Institution	Science	Grp.	Selected
187	Ranjith B	Mohammed Irfan Masood T A	Curtain open / Close system with model	Institution	Engng	Grp.	Selected
206	B Mukesh @ Manikandan	R Jayaganesh	Pneumatic Bag Jack	Institution	Engng	Grp	Selected
210	Sulthan Mohamed Ibrahim s		3d printing manufacturing concept	Institution	Engng	Ind.	Selected
227	Pazhani	Sundar K	Automatic dish antenna position controller, banana chip machine saphi machine	Freelance	Engng	Grp.	Selected