

Session Details:

Title of the session	: Demo Day - Prototype Exhibition
Date	: 19.03.2022
Duration	: One day
Activity Category	: ✓IIC Calendar /MIC Driven/ Self Driven / Celebration
Theme	: Entrepreneurship / ✓Innovation / IPR
Mode of conduct	: ✓Online / Physical

Event Report Details

Project Expo / Demo Day Report

A selection panel was allocated for shortlisting the best teams.

Venue	Phase 1: Date & Time	Phase 2: Date & Time	Jury Panel
TBI Conference Hall	03.01.2022 & 2:30 PM To 4:30 PM	04.01.2022 & 2:30 PM to 4:30 PM	Dr. C. Baskar , Mech
			Dr. P. Sundharesalingam, MBA
			Mr. R. P. Karthik, ECE
			Mr. D. Selvakarthi, EIE
			Dr. C. Menaka, CT-UG
			Mr. K.S. Giriprasadh, IT
			Ms. S. Vijayashanthi, CIVIL
			Mr. G. Manikandan , AUTO

Instructions to Project Team Leader & members:

- All members are requested to be available at their allotted space in the TBI floor by 1.30 pm on 03.01.2022.
- **Evaluation criteria:** Novelty of the idea, complexity, clarity, feasibility, practicability, sustainability, scale of impact, user experience, innovation and potential for future work progression.
- **Arrangement:** Take the video and photo during the presentation and submit it to the iickec@kongu.edu
- Bring your **product or technology tool** for demo (Its important).
- The shortlisted projects will be exhibited at Maharaja Auditorium on 06.01.2021 and 07.01.2021.

Project Expo/Demo Day: Project Selection Panel Circular

The shortlisted teams were asked to fine tune their prototype based on the feedback of the panel members. The groomed 91 projects (Software: 18 & Hardware: 73) were finally displayed in the Demo Day.

Software Selection List:

Project Expo

06.01.2022 to 07.01.2022

Software Selection List

PROJECT ID	PROJECT TITLE	TEAM LEAD	MOBILE NUMBER	REQUIREMENTS
S-1	TELEVISION WATCHING DURATION TRACKER AND ALERT SYSTEM BASED ON VIEWING DISTANCE	VISNU KUMAR R S 18ECR234	9789334300	-
S-3	MOBILE APPLICATION FOR ORGANIC TERRACE FARMING AND DISEASE DETECTION IN PLANTS	THARAKHAMURTHY - 19ECR204	9025180040	-
S-4	SPARKOUT OS	HARIES PALANIAPPAN - 18ISR013	7806992020	3 PHASE POWER SUPPLY X 2 (REQUIREMENTS)
S-5	ANTI-CORRUPTION	VISHNU KIRAN M-19CSR224	9490736405	-
S-7	CATCH YOUR DRIVER	SHRIRAM PRASATH V.U- 20ITR096	7904799497	-
S-8	EVENT DETECTION IN CCTV & SURVEILLANCE	VIGNESHWARAN S-19ECR212	7397007814	-
S-9	PERSONALISED THERAPY AND TRAINING SESSIONS	MUKIL M - 20CSR128	9094038637	-
S-10	REGION MARKER	20CSR052	7373133883	INTERNET
S-11	DETECTING IMPERSONATION IN EXAMINATION CENTRE	KRISVANTH P - 20ITR055	9842158542	-
S-12	EARNPART APPLICATION	JANARTHANAN T - 20ITR038	9994719578	-
S-13	MAKING OPERATING SYSTEM	SELVARAJ K - 19ISR049	9655790073	INTERNET
S-14	AI PERSONAL ASSISTANT	ARAVINDH S- 21ITR005	9443836278	PLUG POINT FOR CHARGING LAPTOP.
S-15	SMART CONNECTING GOODS TRANSPORTATION	MOULINATHAN T - 19EEL117	9790540823	-
S-16	AI PERSONAL ASSISTANT	ARAVINDH S- 21ITR005	9443836278	-
S-17	FACE MASK DETECTION	KEERTHIVASAN V-19ISR030	9965563550	LAPTOP
S-18	CURVE FITTING	SAKTHIGANESAN G	8056920663	-

Hardware Selection List:
Project Expo
06.01.2022 to 07.01.2022
Hardware Selection List

PROJECT ID	PROJECT TITLE	TEAM LEAD	MOBILE NUMBER	REQUIREMENTS
H-1	AI ENABLED AUTOMATIC MULTIPURPOSE CLIMBER VEGETABLE HARVESTING ROVER	SRIDHAR U 18EER090	6379058188	NONE
H-2	LOW GLYCEMIC KHAKHRA	HARINI D 18FTR017	9488923891	NONE
H-3	AUTOMATIC SUGARCANE PLANTING MACHINE	SARAN T 20MTL118	9865548008	1 PHASE POWERSUPPLY WITH SMPS
H-4	DESIGN OF LOW-COST SANITARY NAPKIN INCINERATOR	BHAVYA SHRI R S - 18CHR014	9360489262	PHASE POWER SUPPLY
H-5	LOW-COST WINNOWING MACHINE	NISAAANTH P	9361834539	POWER SUPPLY.
H-6	BORE WELL CHILD EXCAVATOR	SHIVARAM SV - 18MER188	9952166003	--
H-7	FAULT DIAGNOSIS AND SMALL WIND TURBINE MONITORING USING ARDUINO	JAMUNA K S- 19BIR018	9578747188	--
H-8	REDUCE THE USAGE OF WATER FOR GARDENING PURPOSE USING POTTASIAM POLYACRYLITE AND COCONUT COIR	DHIVAKAR M 18CHR022	9791293318	--
H-9	THERMAL MANAGEMENT SYSTEM IN LITHIUM ION BATTERY	MOUNESH RAJA V	9698904457	POWER SUPPLY
H-10	ASSISTANCE FOR VISIBILITY IN UNCONDITIONAL WEATHER AND SITUATIONS.	NITHEESH M R (18AUR027)	9976546479	3 PHASE POWER SUPPLY
H-11	EFFECTIVE SOLAR POWER TRANSMISSION	DIVYA DHARSHNI M (18ECR045)	80567 33453	--

H-12	COTTONSEED FLAKES	NITISHKUMAR T	94878 58563	--
H-13	OSCODAGAMA PRODUCTION OF CO2 BEVERAGES	VIJAI V R 18CHR106	8940143808	--
H-14	CARBON CAPTURE UTILISATION AND STORAGE	PRASHANTH. N - 18ISR037	9789942415	--
H-15	TRANQUILIZER DRONE	N. S. KAVIN- 19EER043	9080204240	--
H-16	FORMULATION OF FIBRE ENRICHED CAKE USING PINEAPPLE PEEL FLOUR AND WATERMELON RIND FLOUR	GOBIGA K - 20FTR010	9789356117	--
H-17	TRANSLUCENT CONCRETE	DILBAR MOHAMMED NASEER D V - 20CER019	9.19499E+11	SWITCH BOARD
H-18	DEVELOPMENT AND CHARACTERIZATION OF EDIBLE FILM FROM GRAPE POMACE	AKSHAYAKRUPA KARAN V - 19FTR005	9042827215	--
H-19	HAND OPERATED SUGARCANE DRY OASIS PEALER	NAVEEN A - 20EIR054	6385532819	--
H-20	BSG NOODLES	NITHIN V A- 20FTR025	97514 20478	--
H-21	EFFECTIVE LOW COST DETECTION FOR PURITY OF WATER	SURYA K - 20EIR085	8838409828	WATER.
H-22	DEVELOPMENT OF EDIBLE INK USING NATURAL SOURCES	S.HARISH - 19FTR017	9.19995E+11	--
H-23	NUTRI SNACK	SNEHA K - 19FTR043	9677815802	--
H-24	SEMI-AUTOMATIC ROLL SLITTER	SANJAY K - 20MTR069	9585799175	1 PHASE SUPPLY
H-25	JAVA PLUM SEEDS CHAKLI	JUNESWAR M - 19FTR023	7397179397	--
H-26	CLIMBER VEGETABLE ANALYSIS AND DETECTOR MACHINE	MAITHRA S - 20EIR044	9786324970	--
H-27	LEAF DISEASE IDENTIFICATION OF	ABI CHANDAR K - 19MTR001	9042440557	3 PHASE POWER SUPPLY

	TURMERIC PLANT USING MACHINE VISION SYSTEM WITH ROVER			
H-28	DELIGHT JELLY	VARSHINI V - 20FTR043	9385539126	---
H-29	BANAFEE	RATHI PREETHI S-20FTR029	9443812324	--
H-30	PEEL FRESH COOKIES	UMMUL ATHIYA SHEIK IRSHATH ALI-20FTR041	9150536590	--
H-31	WIZARD SCREED PANEL	GOWTHAMAN.G 18CER054	9843064340	--
H-32	SEMI-AUTOMATIC SPONGE PUNCHING MACHINE	K.T.RASWIN- 20MTR066	6385597889	3 PHASE AC SUPPLY, PNEUMATIC SUPPLY, DC SUPPLY
H-33	LOW COST AUTOMATION IN SALT PAN INDUSTRY	SOWNDARIYAN V R -20MTR080	9994946378	RPS, 3 PHASE POWER SUPPLY, TABLE
H-34	SMART VENTILATION SYSTEM FOR AIR-CONDITIONED ROOMS AND CARS	KARTHIGA K - 20ECR073	93845 22713	--
H-35	DESIGN AND FABRICATION OF MILLETS SEPERATING ,CLEANING AND GRINDING MACHINE	SACHIN SHANKAR R V- 19MER155	7339357752	--
H-36	RAIN DETECTOR AND FLOOD CONTROLLER	GOKUL S - 20ISR014	6369671252	--
H-37	IOT BASED WATER QUALITY MONITORING SYSTEM FOR RESIDENTIAL APPLICATION	S.SWETHA NACHIYAR - 19BCR057	9842778797	MINIMUM AMOUNT OF WATER
H-38	KINO	ASWANTH.R	6383665226	--
H-39	CHANGING THE DEEPEST PART OF MOTORIZED VEHICLE SETUP WITH ELECTRIC MOTOR	KAVINKUMAR M 19EIR037	9360111500	POWER SUPPLY FOR CHARGING VEHICLE BATTERY 220V
H-40	AUTOMATIC PALM/COCONUT JAGGERY	MUKILAN.M- 20EIR051	8015484204	RPS POWERFULLY,RTD /THERMISTOR,LCD DISPLAY,RELAY ELECTRICHEATER

				,VESSELKIT WITH STIRRER
H-41	AUTOMATED VIABLE SEED ANALYZING SYSTEM	(HARRINI K - 20MTR025)	8637455655	DC REGULATED POWER SUPPLY
H-42	RAIN WATER HARVESTING USING EMBEDDED SYSTEM	SOWMITHA K - 20ECR166	9445950199	POWER SUPPLY, POWER POINT
H-43	SMART SHOE	POOVIZHI S - 20ECR117	9384419928	3 PHASE POWER SUPPLY,ETC.
H-44	LINEAR MOTION HUMIDIFIER FOR MUSHROOM CULTIVATION	SHARAN K - 18MER186	9677473973	3 PHASE POWER SUPPLY
H-45	AUTOMATED SUSTAINABLE DRAINAGE MANAGEMENT	AYSWARYA A S - 18CHR010	9443780442	WATER SUPPLY
H-46	AUTOMATIC ADJUSTABLE PESTICIDE SPRAYER	CIBIRAJ B - 20EER020	6374028398	--
H-47	SOLDIER MONITORING HEALTH CARE SYSTEM	M HARISH - 19MTR024	8098008420	--
H-48	MASK SANITIZING, DISINTEGRATION AND DISPENSING UNIT	S.JANASANJAY	9677535392	SINGLE PHASE POWER SUPPLY
H-49	INSTA SELF ALIGNING BRICKS	SENBAGAM L - 20CER088	9842758490	NONE
H-50	E-SCOOTER FOR DELIVERING GOODS	LALU PRASANNA S B - 19MTR043	9385847314	1 PHASE POWER SUPPLY
H-51	IOT INTEGRATED OXIMETER FOR OXYGEN LEVEL MONITORING	MOHITHSHARAV ANAN S - 20MTR048	9095788945	--
H-52	AUTOMATIC FAN ROTATION	SWETHA V 21ITR112	9786647649	BATTERY, POWER SUPPLY
H-53	PASSIVE SAFETY DEVICE FOR HEAVY VEHICLES TO PREVENT HUMAN ACCIDENT USING AI	YOGESHWARAN S-18MER231	9597416731	COMPRESSOR, 3PHASE POWER SUPPLY
H-54	MULTIPURPOSE AGRI ROBOT	HARI PRASATH S - 19EIR028	8870556997	--
H-55	DAISY UMBRELLA	NIRUTHISHKUMA R-20MER085	9626738209	--
H-56	SMART GLASSES FOR MULTIMETER	DIVYESHWARI.K - 20EIR020	9080806324	--

H-57	AUTOMATED TROLLEY MACHINE	MONISHA.R 20EER063	8838971737 8807816904	--
H-58	ACETYLENE POWERED ENGINE	BARATH KUMAR. S 20AUL027		CALCIUM CARBIDE STONE
H-59	PORTABLE AND ECONOMICAL COCONUT DEHUSKING MACHINE FOR SMALL SCALE FARMERS	SIBIKKRISHNA N- 19EER087	7339019211	SINGLE PHASE POWER SUPPLY
H-60	QRIR ELEVATORS	NITHISH S	9.1887E+11	--
H-61	WIFI CONTROLLED CARS USING NODEMCU	D.GOKUL (20ECL213)	9360545534	H.W.MOTORS , BATTERIES AND CIRCUITS ECT
H-62	SMART WIRELESS STERILIZER USING UV SOURCE	DEEPTHIGHA T 20EIR014	9976168683	--
H-63	DESIGN AND FABRICATION OF CARDIOVASCULAR EXERCISE KIT FOR DISABLED PERSONS	ARUNMOZHI M - 18MER022	9.19344E+11	--
H-64	AUTOMATIC WASTE WATER RECYCLING SYSTEM	MUKESH K (20MTL112)	9976553314	RPS,STOOL, TABLE
H-65	PERFORMANCE ENHANCING OF SOLAR PHOTO VOLTAIC PANEL USING HYBRID COOLING SYSTEM	KARTHEEBAN RAJ.S -18AUL051	7598349570	TO INCREASE THE EFFICIENCY AND LIFE OF THE PANEL
H-66	DESIGN OPTIMIZATION OF HEAT PIPE FOR HEAT REMOVAL IN LITHIUM-ION BATTERY	SUGANTH S - 18AUR040	9597495656	POWER SUPPLY
H-67	BOREWELL AIR COMPRESSOR FOOT VALVE	MAHESHWARAN S - 21EER047	6383276746	--
H-68	ORGANIC FERTILIZER - DUNTILIZER	VISHVA K - 18CHR108	9384740742	--
H-69	PREPARATION OF SLUDGE FROM RURAL SEWAGE SLUDGE	MELVIN JONES G & 18CHR055	9443480942	--



KONGU ENGINEERING COLLEGE

(Autonomous)

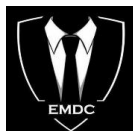
PERUNDURAI, ERODE – 638 060

KEC Innovation and Entrepreneurship Forum



Transform Yourself

H-70	ECOFRIENDLY PLASTIC	ARUNAGIRI	9629561971	--
H-71	REDUCTION OF SCALE FORMATION	AARTHI	9361470285	--
H-72	MUNICIPAL SOLID WASTE	VISNUVARADHAN	9842357210	--
H-73	AUTOMATED COCONUT FORM WASTE COLLECTOR	PRADEEP	8754705604	--



The Demo Day that exhibits the best projects from various disciplines of engineering department was conducted on 19.03.2022.

**PROTOTYPE EXPO /DEMO Day
(19.03.2022)
Final Winner List for Software & Hardware**

	Name of the student	Department	Position	Category
1	Vishnu Kiran M	Computer Science	I	Software
2	Sri Varshan			
3	Sri Balaji			
4	Tanuj Kumar			
5	Tarun Kumar			
6	Krisvanth P	Information Technology	III	Software
7	Agashia Maria Y			
8	Hariyini R			
9	Aathavan S	Electrical and Communication Engineering	II	Software
10	Tharakhamoorthy G			
11	Thiruselvam R			
12	Yaswanth S			
13	Subash S			
14	Jeevanaa S M			
15	Kaliga Devi S			
16	Janarthanan T	Information Technology	III	Software
17	Logesh B			
18	Karthikeyan R			
19	Kiruthika G			
20	Harini M	Chemical Engineering	I	Hardware
22	Vishva K			
23	Sivasakthivel K			
24	Sudhakaran P			
25	Thillai S			
26	Thamothiran A			
27	Niruthish Kumar A	Mechanical	II	Hardware
28	Praveen S J			
29	Sarathishwaran S			
30	Sabarish M R			
31	Saravana kumar A			
32	Harrini K	Mechatronics	III	Hardware
33	Gowthamsundar M			
34	Jayanth N			

Prize winners list





Outcome of the activity

Students has hands-on experience in the processes involved in development of ideas to a prototype.

Participant details:

Total no. of Student participation	: 280
Total no. of Staff (Teaching/Non-teaching) participation	: 96
Total no. of outside participation	: Nil