



KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI, ERODE – 638 060

KEC Innovation and Entrepreneurship Forum



Transform Yourself

Institution's Innovation Council (IIC@KEC)

&

Entrepreneurship and Management Development Centre (EMDC)

along with **Department Associations**

Organized

IDEATHON 2021

28.09.2021 to 30.09.2021

Event Summary

S.No.	Participated departments	No. of ideas	No. of students participated	No. of faculty participations
1.	Civil engineering	30	90	10
2.	Mechanical Engineering	103	350	46
3.	Electronics and Communication Engineering	81	243	25
4.	Electrical and Electronics Engineering	65	195	25
5.	Computer Science Engineering	132	450	60
6.	Information Technology	70	210	30
7.	Mechatronics Engineering	43	237	27
8.	Electronics and Instrumentation Engineering	76	228	19
9.	Food Technology	35	105	10
10.	Chemical Engineering	51	110	10
11.	Automobile Engineering	20	60	8
12.	Computer Technology - UG	29	87	10
13.	Computer Technology - PG	40	120	16
14.	MBA	20	59	10
TOTAL		795	2544	306



Event coordinator



CCO-TBI



IDEATHON 2021 – Civil Report

OVERVIEW:

OBJECTIVE:

Intra College level event "IDEATHON - 2021" is organized in Civil Department by Civil Engineering Association and Institution Innovation Council (IIC) on 28th September 2021 through online and physical mode. This event is organized to bring out the cost effective solutions in order to solve industrial & field problems. On the whole the event aims to showcase student's interest towards innovation ecosystem with a competitive spirit on their idea.

LIST OF EVENTS:

TECHNICAL EVENTS:

- Project Presentation : 30 Teams

EVENT DESCRIPTION:

In order to convert Idea to a product development an Idea contest is proposed by Innovation and Entrepreneurship Forum in association with Civil Engineering Association - IDEATHON 2021. In this context, an idea presentation event is held on 28.09.2021 and 29.09.2021 in the Department of Civil Engineering. Totally 30 ideas were registered for the program. 5 from Second year, 11 from Third year & 14 from Final year students. A Review panel is framed to evaluate the efficiency of the Idea / problem statement. Students have discussed some real world problems in the context of Civil Engineering. Based on the significance & presentation, 23 ideas were selected for the second phase of model development. Some of the potential ideas were in the area of waste management, smart dust bin, cost efficient building blocks etc.

BROCHURE/CIRCULARS (IF ANY):



KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI, ERODE-638060.

DEPARTMENT OF CIVIL ENGINEERING
IN ASSOCIATION WITH

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

CIVIL

IDEATHON 2K21

WINNING TEAMS WILL BE RECOMMENDED FOR
SPARK FUND, IPR FILLING and NIDHI PRAYAS.

KEC IDEATHON	PROOF OF CONCEPT
1st PRIZE - Rs 3000	1st PRIZE- Rs 5000
2nd PRIZE- Rs 2000	2nd PRIZE- Rs 3000
3rd PRIZE - Rs 1000	3rd PRIZE- Rs 2000
(8th & 9th OCT)	(30th OCT)

STAFF COORDINATORS
Dr. G. S. RAMPRADHEEP
Dr. S. VIJAYANAND
VIJAYASHANTHY S
S. VENKATACHALAM
T. JEEVETHA

PROMOTE YOUR INNOVATION

APPROVAL FORM:

10395/3

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060
PROGRAMME APPROVAL FORM

AD - 12 - PP
REV 1
01.01.2021

Proposal Tracking No. KEC/CER/2021-22/09/0029

Dept. Ref. No.: CE/2021-20 22/03 Date: 25-09-2021

1. Department:	CIVIL		
2. a). Name of the Programme	IDEATHAN 2021 (CIVIL)		
b). Norms under which it is proposed	ASSOCIATION		
3. Dates:	From : <u>28.09.21</u>	TO: <u>29.9.21</u>	No. of Days <u>02</u>
4. Programme for:	Faculty	Students	Others (Specify)
5. Level:	State / National / International	Association	Institution / Dept. / Cell / General
6. Highlights of the Programme:	To provide a platform to the students to showcase their creative ideas		

1. Proposed Invitees:

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	-	-	-	-
2	-	-	-	-

2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure:

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1	Prize Money	Rs/- 6000/-			
2	Miscellaneous	Rs/- 1000/-			
3					
4					
5					
6					
Total		Rs/- 7000/-			

4. Source

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

1) [S. VUAYANAND]
2) [T. JEEVETHA]
Faculty i/c (with Name) H.O.D

CCO [S. S. S.] 28-9-21

PRINCIPAL 28-9-21

ONLINE MODE:

EVENT NAME	GOOGLE MEET LINK
PROJECT PRESENTATION	https://meet.google.com/ixq-vgab-hzf (Time : 2.30 - 3.30PM)

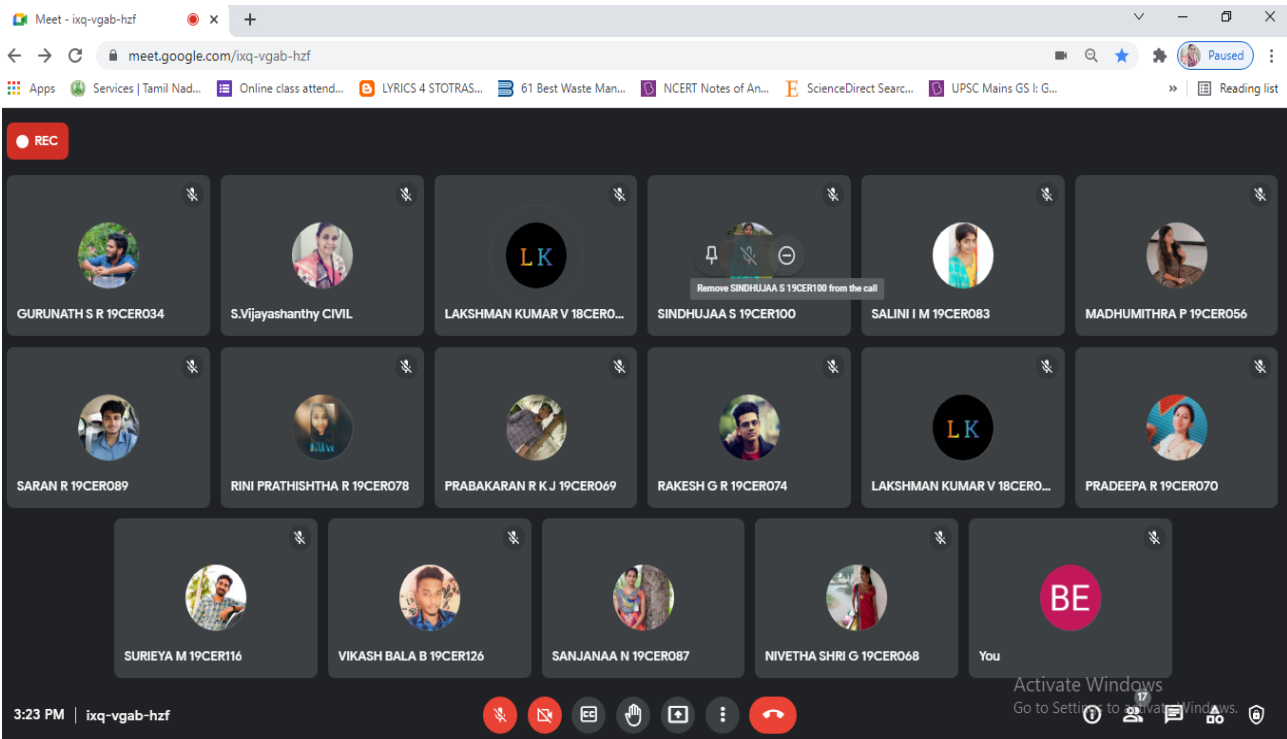
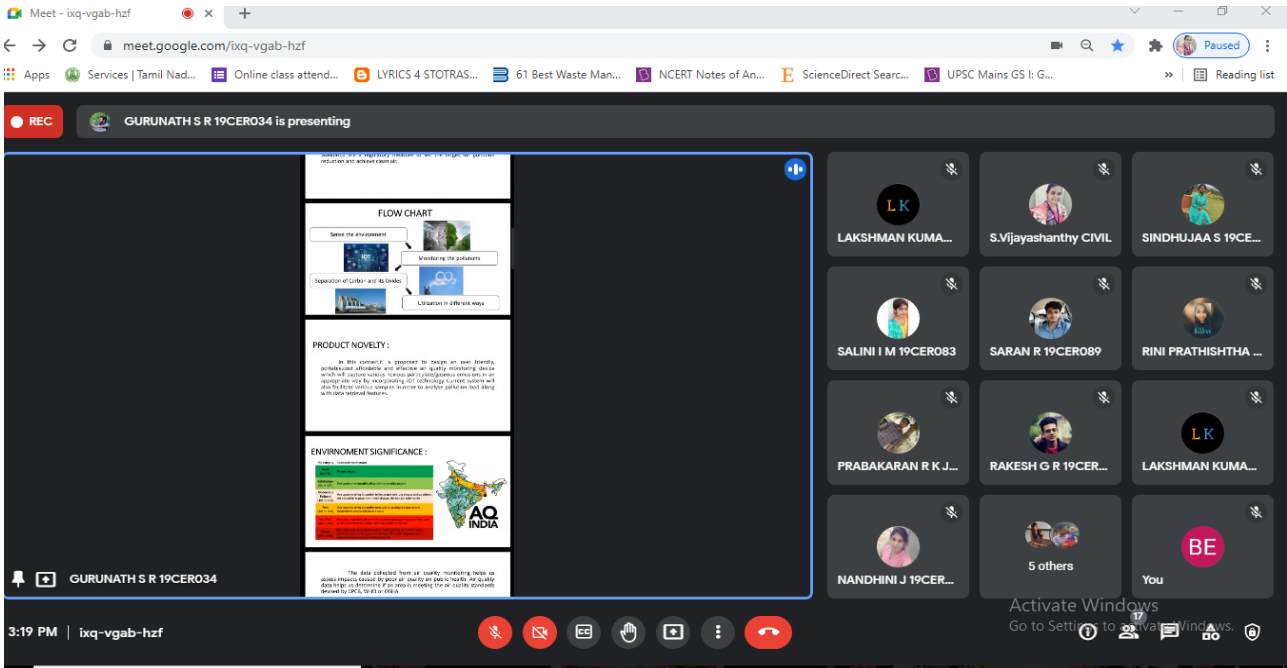
JURY PANEL:

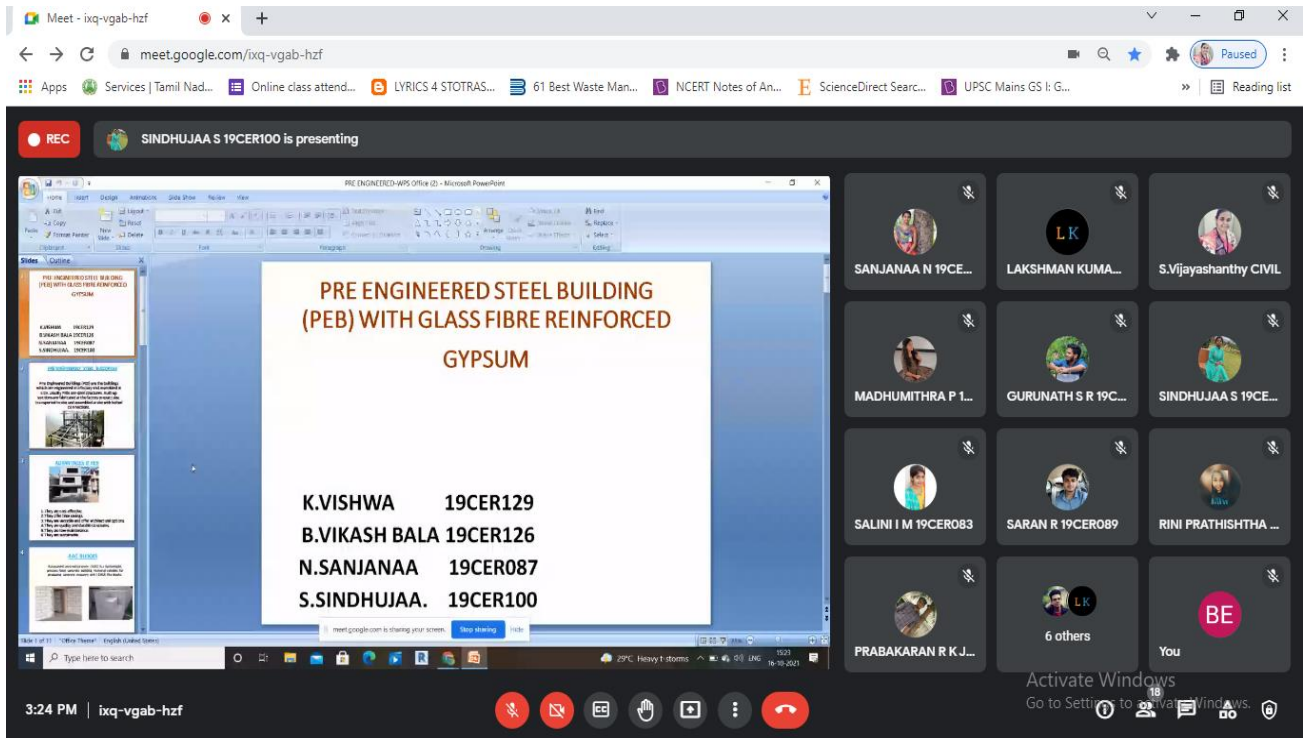
SL. NO	NAME OF THE FACULTY
1	Dr.P.S.Kothai Professor & HOD
2	Dr.G.S.Rampradheep Associate Professor
3	Ms.S.VijayaShanthy Assistant Professor
4	Mr.S.Venkatachalam Assistant Professor

PRESENTATION:









Meet - ixq-vgab-hzf

meet.google.com/ixq-vgab-hzf

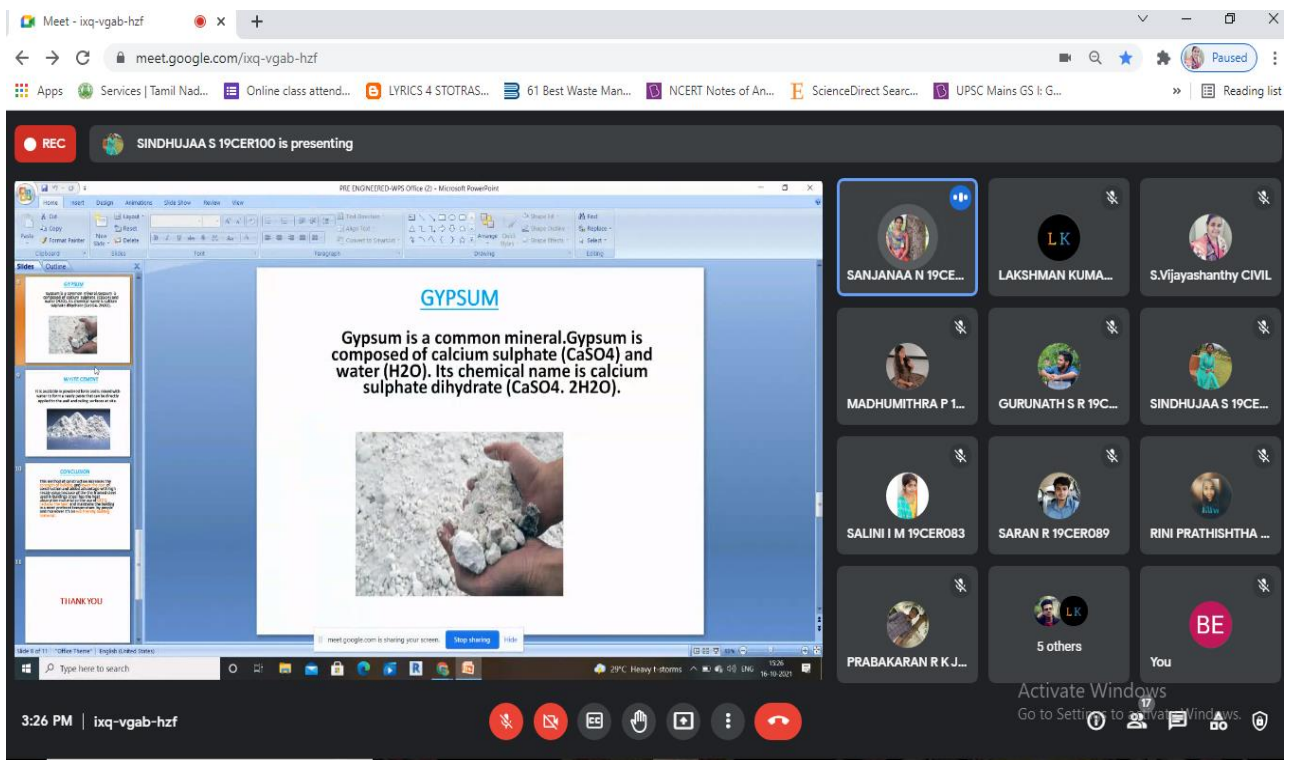
REC SINDHUJAA S 19CER100 is presenting

PRE ENGINEERED STEEL BUILDING (PEB) WITH GLASS FIBRE REINFORCED GYPSUM

K.VISHWA 19CER129
B.VIKASH BALA 19CER126
N.SANJANAA 19CER087
S.SINDHUJAA. 19CER100

Participants: SANJANAA N 19CE..., LAKSHMAN KUMA..., S.Vijayashanthi CIVIL, MADHUMITHRA P 1..., GURUNATH S R 19C..., SINDHUJAA S 19CE..., SALINI I M 19CER083, SARAN R 19CER089, RINI PRATHISHTHA ..., PRABAKARAN R K J..., 6 others, You

3:24 PM | ixq-vgab-hzf



Meet - ixq-vgab-hzf

meet.google.com/ixq-vgab-hzf

REC SINDHUJAA S 19CER100 is presenting

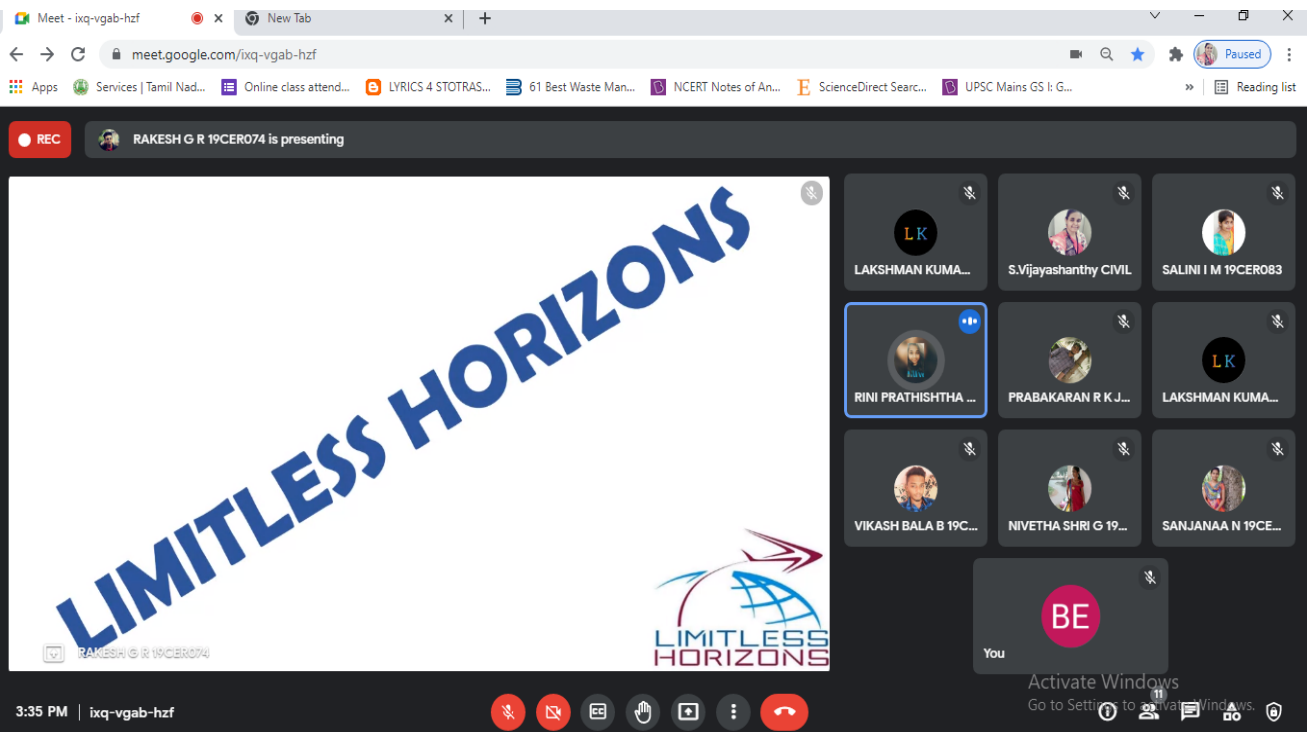
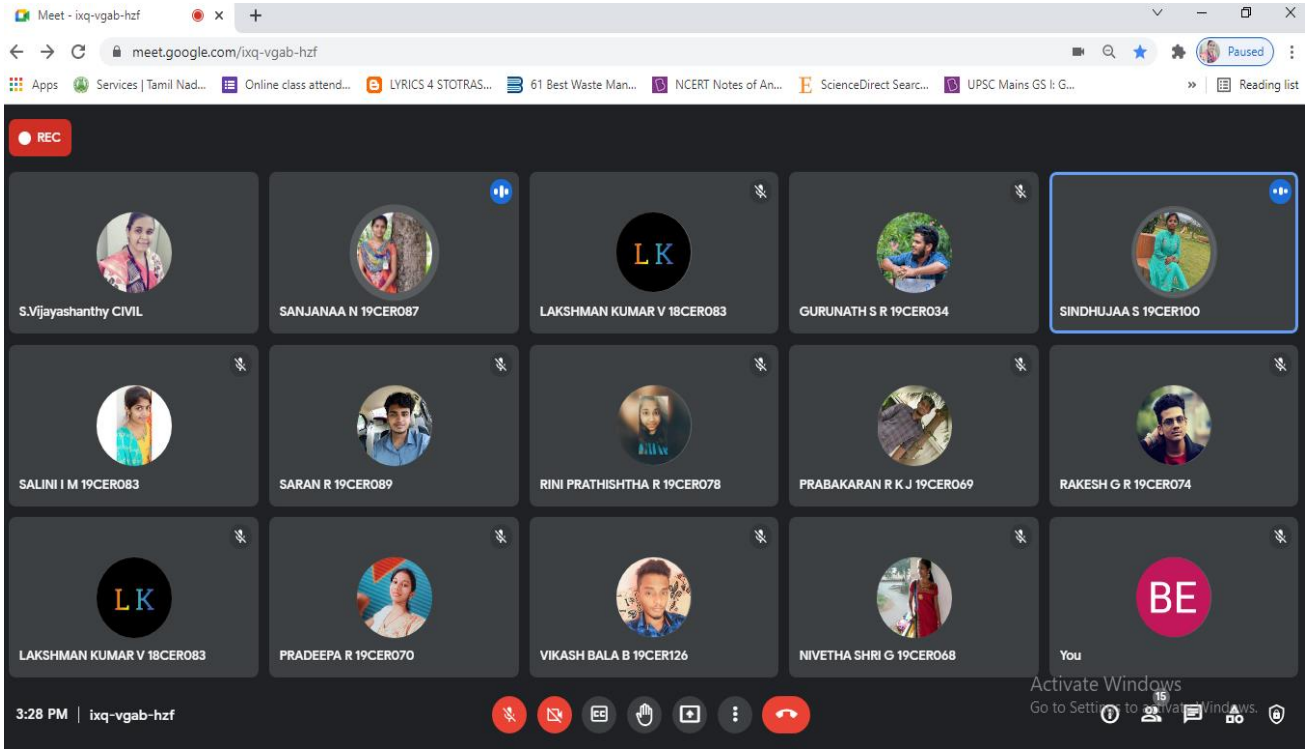
GYPSUM

Gypsum is a common mineral. Gypsum is composed of calcium sulphate (CaSO_4) and water (H_2O). Its chemical name is calcium sulphate dihydrate ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$).

THANK YOU

Participants: SANJANAA N 19CE..., LAKSHMAN KUMA..., S.Vijayashanthi CIVIL, MADHUMITHRA P 1..., GURUNATH S R 19C..., SINDHUJAA S 19CE..., SALINI I M 19CER083, SARAN R 19CER089, RINI PRATHISHTHA ..., PRABAKARAN R K J..., 5 others, You

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PARTICIPANTS LIST:

S.NO	TEAM NAME	NAME	ROLL NO	PROJECT TITLE	MARKS OUT OF 50
1	3 CIVIL	SARAN R	19CER089		38
		SURIYA M	19CER116		
		SUTHAKARAN VV	19CER117		
		SALINI IM	19CER083		
2	LIMITLESS HORIZONS	RINI PRATHISHTHA R	19CER078	ROAD SAFETY UNDER LOW VISIBILITY USING SPEED DETECTOR TECHNIQUE	39
		NIVETHA SHRI G	19CER068		
		PRABAKARAN R K J	19CER069		
		RAKESH G R	19CER074		
3	FAB CONCRETE	SOWDHARANLM	19CER105	HIGH STRENGTH CONCRETE	35
		SOWMIYA.R	19CER107		
		SUGAN PRABHU.K.R	19CER113		
		SRINIVASAGA M.V	19CER108		
4	UNIQUE ENGINEERS	VISHWA. K	19CER129	PRE ENGINEERED STEEL BUILDING(PEB) WITH GLASS FIBRE REINFORCED GYPSUM CONCRETE	37
		VIKASH BALA. B	19CER126		
		SANJANAA. N	19CER087		
		SINDHUJAA.S	19CER100		
5	DREAM CONQUERORS	NANDHINI J	19CER064	INNOCUOUS RENSER	38
		MADHUMITHRA P	19CER056		
		KALAM JAWHAR HAMEED S	19CER045		
		GURUNATH S R	19CER034		
6	INGENIOUS STARS	P.KAVEENA	18CER075	MUGHAL CALX SLATES	39
		M.MIRUNA	18CER091		
		T.INDHU	18CER065		
		S.DINAKER	20CER020		
7	INFERNO	MAKHISHASOORAVARDHINI G	20CER051	WIRELESS ELECTRIC HEAVE	37
		MAHEVARSHINI K M	20CER050		
		NISHA K	20CER064		
		KARTHIKA K L	19CER048		
8	THE BLUEPRINT BRIGADE	PRADEEPA R	19CER070	ADAPTATION OF THE CONCEPT 'COOL PAVEMENTS' TO REDUCE THE HEAT TEMPERATURES CAUSED BY CONVENTIONAL ROADS	36
		PREM GANESH M	19CER072		
		ROHAN V	19CER079		
		MOULISHWARAN R S	20CER060		
9	THE OPTIMIZERS	SAKTHI SOWMYA S	20CER077	RAILWAY SEWAGE SYSTEM	35
		MANOJ J	20CER054		
		KISHORE S	20CER043		
		GOWTHAMAN.G	18CER054		
10	DOUBLE VISION	REMISHA.S.R	18CER143	WIZARD SCREED PANEL	36
		DILBAR MOHAMMED NASEER.D.V	20CER019		
		SAKTHI SOWMYA.S	20CER077		
		ADHISIYA S	20CER004		
11	CREATORS	JAYASAKTHI G	20CER032	EFFECT OF POLYPROPYLENE FIBRE ON STRENGTH OF CONCRETE	35
		AKHIL G	20CER005		
		ASHWIN G	20CER010		
		KAVEN KRISHNA L.	18CER076		
12	VISWAK' SENA	JAYASHREE V.	18CER067	CONSTRUCTION SURVEILLANCE SYSTEM	37
		SRUTHI R.			
		MOULISHWARAN R. S.	20CER060		
		GUHAN E	18CER055		
13	TEAM ORIGINALS	GOWTHAM P	18CER051	MYSTIQUE ROOFING SHEET	37
		HARINI N	20CER030		
		JEEVIKA D	20CER033		
		DILBAR MOHAMMED NASEER D V	20CER019		
14	GREENISTS	GEORGE RISHAN A	20CER027	TRANSLUCENT DEBRIS CONCRETE	42

		DHANUSHR I M	20CER015		
		APOORVAA B K	20CER006		
15	CO2 TRANS	E.M.SHARAN KUMAR	19CER098	CO2NVERSION	39
		R.APARNA	18CER012		
16	ECOMAT	AKIL A	18CER009	LIGHT WEIGHT ECOFRIENDLY THERMAL INSULATED ROOF PANEL	36
		DAYANANTH.S.E	18CER029		
		DEEPIKA.C	18CER034		
		DHIVYA KIRUTHI.K	18CER038		
17	4-C	PAVITHRAN R	18CER118	STUDY ON REDUCTION OF SCALE FORMATION IN DRIP IRRIGATION NOZZLE USING NATURAL COAGULATION	39
		PRADEEP G	18CER124		
18	THAN'S IDEOLOGY	PRABHU T	18CER123	PLASTIC PAVER BLOCK	38
		OVIYA S	18CER116		
		RAJA RETHINAM S	18CER133		
		MONISHA P	18CER098		
19	1A	BALAJI RS	18CER019	PLASTIC CONCRETE	35
		AAKASH R	18CER002		
		ARAVINDKUMA R M	18CER013		
20	2A	BARATH SELVAN K	18CER020	SAWDUST CEMENT BRICKS	36
		AHAMED RASHITH S	18CER006		
		DIVYA PRAKASH K	18CER040		
21	TEAM LIOS	LAKSHMAN KUMAR V	18CER083	INVESTIGATING THE SUITABILITY OF MUNICIPAL SOLID WASTE ASH AND STEEL SLAG AS CLAY SOIL STABILIZER	39
		HARINI S	18CER059		
		HARIKRISHNA N S	18CER058		
		RAAMAKRISHNAN V V	18CER130		
22	DISINFECT.	PEERZADA FAIZAN RASOOL	18CER119	MEDICAL WASTE SANITIZATION	45
		NAVEEN KANNAN S	18CER111		
		PRASANTH S	18CER127		
23	EAGLE	ABIRAMI D	19CER005	CLIMATE RESILIENT	33
		ARUNAGIRI M	19CER012		
		GANAPPATHIVEL S	19CER027		
		GOKULA KRISHNAN R	19CER031		
24	LTC	APOORVA B K	20CER006	LIGHT TRANSMITTING CONCRETE	32
25	THE BRIGADE	NISHA K	20CER064	SOUND ABSORBING PANEL	31
26	VOBOT	SOWDHARANI M	19CER105	CRACK DETECTING VOBOT	38
27	CONX	SUTHAKARAN VV	19CER116	LOW COST CONCRETE	35
28	SANDWICH	VIKASH BALA B	19CER126	SANDWICH PANEL	36
29	WP	ARAVINDKUMAR M	18CER013	WATER PURIFIER	38
30	LOCKERS	PRASANTH S.	18CER127	INTER LOCKING BLOCKS	32

PRIZE WINNERS LIST:

TEAM NAME	TEAM MEMBERS ROLL NO AND NAME		PROJECT NAME	YEAR	PRIZE
DISINFECT.	PEERZADA FAIZAN RASOOL	18CER119	MEDICAL WASTE SANITIZATION	IV	I
	NAVEEN KANNAN S	18CER111			
	PRASANTH S	18CER127			
GREENISTS	DILBAR MOHAMMED NASEER D V	20CER019	TRANSLUCENT DEBRIS CONCRETE	II	II
	GEORGE RISHAN A	20CER027			
	DHANUSHR I M	20CER015			
DREAM CONQUERORS	NANDHINI J	19CER064	INNOCUOUS RENSER	III	III
	MADHUMITHRA P	19CER056			
	KALAM JAWHAR HAMEED S	19CER045			
	GURUNATH S R	19CER034			

IDEATHON 2021 – Mechanical Report

Overview:

Objective:

The Intra department level event "IDEATHON'21" organised by Department Association and Institution Innovation Council (IIC) on 28th September 2021 through online and physical. This event is organised with the objective to provide platform for the students to showcase their talent in solving a problem through their innovative idea. The event was successful enough to attract 103 idea registrations under various themes.

List of Events:

Technical Events:

- Project Presentation : 103 Teams

Event Description:

Based on a set of themes, students were asked to select a problem. For the selected problem, they made their Idea presentation. The total teams were evaluated by 5 set of Panel members for their novelty and feasibility. Based on the evaluation, top 50 projects were selected for Proof of Concept (PoC) competition. Top 3 teams were awarded with cash prizes.



Kongu Engineering College
(Autonomous)
Perundurai Erode - 638060



DEPARTMENT OF MECHANICAL ENGINEERING
in association with
INSTITUTION'S INNOVATION COUNCIL @ KEC

IDEATHON 2021

Event Date: 28.09.2021

Scan QR Code to upload ideas:



Gform Link: <https://forms.gle/v27GXGhrfjxTocWz5>

"Only for Mechanical Department Students"

**Last date to submit your ideas:
26.09.2021 11:59 PM**

Mode of evaluation:
II and IV years - Physical
III years - Online



For queries, Contact:
Faculty Co-ordinators:

1. Dr.C.Baskar, ASP/Mech - 9994050745
2. Mr.K.V.Satheesh Kumar, AP(SRG)/Mech - 6383219802
3. Dr.S.M.Senthil, AP(SRG)/Mech - 9994884614

Student Co-ordinators:

- Aswin J K - III Yr 6369281018
Srivi V - III Yr 9524716225

Approval form:

UP TO
₹. 20,000/-

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060
PROGRAMME APPROVAL FORM

AD - 12 - PP
REV.1
01.01.2021

Proposal Tracking No. _____

Dept. Ref. No.: _____

Date: 25-09-2021

1.	Department:	MECHANICAL		
2.	a). Name of the Programme	Proof of concept (POC - MECH)		
	b). Norms under which it is proposed			
3.	Dates:	From : 22-10-2021	TO: 28-10-2021	No. of Days 02
4.	Programme for:	Faculty	Students ✓	Others (Specify)
5.	Level:	State / National / International	Association ✓	Institution / Dept. / Cell / General
6.	Highlights of the Programme:	To Provide a Platform to the students to showcase their creative and innovative project ideas		

1. Proposed Invitees:

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	—	—	—	—
2	—	—	—	—

2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure:

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1	Cash Prize	10,000			
2	Miscellaneous	2,500			
3					
4					
5					
6					
Total		₹12500/-			

4. Source

	Proposed	Actual
Budget Allotment		
Balance Amt. Available	Sponsors -	
Expenses Proposed	KEC -	
Balance	Registration -	

Faculty I/c (with Name)
Dr. P. PRABHAKARAN

H.O.D

CCO

PRINCIPAL

IDEATHON COMPETITION

Participations List:




S.No.	TEAM LEAD	YEAR	NAME OF THE IDEA	THEME	MENTOR
1.	KISHOK KUMAR A	IV	WEATHER MONITORING NANOSATELLITE	IOT BASED TECHNOLOGIES (E.G. SECURITY & SURVEILLANCE SYSTEMS ETC)	Dr.A.MOHAN KUMAR
2.	SRIDHAR.A.P	IV	DESIGN AND FABRICATION OF BUFFER IMPACT RESISTANT PLATE	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.A.MOHAN KUMAR
3.	VIGNESH S	IV	WASTAGE COLLECTOR IN WATER BODIES	CLEAN & POTABLE WATER.	Dr.A.SANTHOSH KUMAR
4.	SANJAY K	IV	SMART CEILING MOP WITH ADJUSTABLE HEAD	CLEAN & POTABLE WATER.	Dr.A.SIVAKUMAR
5.	AKILAN K	IV	REFRIGERATOR AND INCUBATOR FOR SMALL SCALE POULTRY FARMING	RENEWABLE AND AFFORDABLE ENERGY.	Dr.A.SIVAKUMAR
6.	PEER MOHAMED ESSAC A	IV	DESIGN AND FABRICATION OF WHEEL REMOVING MACHINE	AUTOMOBILES	Dr.A.SIVAKUMAR
7.	JEEVASUDHAN S	IV	COCONUT DEHUSKING SETUP	AGRICULTURE & RURAL DEVELOPMENT.	Dr.A.TAMILVANA N
8.	KARAN M	IV	MODIFIED TRACTOR ATTACHMENT FOR COW DUNG MANURE CRUSHING AND SPRAYING IN FARM LAND	AGRICULTURE & RURAL DEVELOPMENT.	Dr.A.TAMILVANA N
9.	DEVANATHAN JJ	IV	SEMI AUTOMATES BRICK MAKING MACHINE	MULTI PURPOSE,AUTOMATED	Dr.C.BASKAR
10.	MANIKANDAN K	IV	AUTOMATIC STITCHING MACHINE	TEXTILE	Dr.C.BASKAR
11.	KEERTHIRAJ N	III	AUTOMATIC HEADLIGHT DIMMER/DIPPER	AUTOMOBILE	Dr.C.BASKAR
12.	DHARANIDHARAN M	III	BANANA FIBER EXTRACTION AND PROCESSING	WASTE MANAGEMENT.	Dr.C.BASKAR
13.	MURUGANANTHAM M K	IV	CONCRETE DRILL DUST COLLECTOR	COLLECTION OF DUST	Dr.C.MOGANAPRIYA
14.	MANOJ KUMAR K	IV	GROUNDNUT HARVESTER	AGRICULTURE & RURAL DEVELOPMENT.	Dr.C.MOGANAPRIYA
15.	ARBIN SREES	IV	OPEN SEWAGE CLEANER	WASTE MANAGEMENT.	Dr.K.DINESHKUMAR
16.	ARCHAND K	IV	ERGONOMIC EVALUATION OF WORKPLACE IN HANDLOOM INDUSTRY	HEALTHCARE & BIOMEDICAL DEVICES.	Dr.K.DINESHKUMAR
17.	HARIESH VARDHAN R.V	IV	SHOE CLEANING MACHINE	AUTOMATIC CLEANING	Dr.K.S.K.SASIKUMAR
18.	DHIVAKAR V	IV	DEVELOPMENT OF MAGNETORHEOLOGICAL FINISING PROCESS USING MRF FLUID	SURFACE FINISHING USING MRF FLUID	Dr.K.S.K.SASIKUMAR
19.	JEBIN SAMUEL J	IV	ROOF TOP MOUNTED SOLAR CHIMNEY	RENEWABLE AND AFFORDABLE ENERGY.	Dr.M.SAMBATHKUMAR
20.	VISHNUKANTH J	IV	DESIGN AND FABRICATION OF HYBRID POWER BANK	RENEWABLE AND AFFORDABLE ENERGY.	Dr.M.VIJAYANAND
21.	GIRI PRASATH K	IV	TWO ROLLER PROCESSING MILL FOR RUBBER FORMULATION	TWO ROLLER MILL	Dr.M.VIJAYANAND
22.	KRISHNAN R	IV	DESIGN OF PORTABLE BICYCLES	ECONOMICS AND CONVENIENCE	Dr.N.BAASKARAN
23.	KRISHNAKUMAR R	IV	FIRE EXTINGUISHING ROVER USING ROCKER AND BOGIE	ROBOTICS AND DRONES.	Dr.N.BAASKARAN
24.	SHIVARAM.SV	IV	DESIGN & FABRICATION OF DEEP WELL CHILD EXCAVATOR	RECUSE PROCESS	Dr.P.NAVANEETHAKRISHNAN
25.	NIRUTHISHKUMAR A	II	DAISY UMBRELLA	HOME ACCESSORIES	Dr.P.NAVANEETHAKRISHNAN
26.	KANNAN.R	IV	PROGRAMMABLE COOKING MACHINE	FOOD PROCESSING.	Dr.P.NAVANEETHAKRISHNAN
27.	LOGESH R K	IV	INBUILT HYDRAULIC JACK FOR VEHICLES	AUTOMOBILE	Dr.P.PRABHAKARAN
28.	JEBUS RAJ B	IV	MECHANIZED SOLAR PANEL CLEANING SYSTEM	RENEWABLE AND AFFORDABLE ENERGY.	Dr.P.PRABHAKARAN
29.	PANITH MALALS	IV	SEMI AUTOMATIC DRAINAGE CLEANER	CLEAN & POTABLE WATER.	Dr.P.SAJI RAVEENDRAN
30.	RAKSHITH N M	III	ALL WHEEL DRIVE TWO WHEELERS	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.P.SATHIAMURTHI
31.	VAIRAMUTHU G	IV	MOTORIZED RECLINER WHEELCHAIR BED	HEALTHCARE & BIOMEDICAL DEVICES.	Dr.P.SATHIAMURTHI

32.	BALAJI M	IV	DESIGN AND FABRICATION OF KEY DUPLICATING MACHINE	ADDITIONAL KEY	Dr.P.SELVAKUMAR
33.	DIVYA GANESH V	IV	SELF INFLATING TIRES USING PERISTALTIC TUBE	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.P.SELVAKUMAR
34.	VIJAYARAGH AVAN CP	IV	INTELLIGENT DRAINAGE CLEANING SYSTEM	WASTE MANAGEMENT.	Dr.P.SENTHIL VELMURUGAN
35.	YOGESHWARAN S	IV	ROAD SAFETY DEFENDER USING AI	ICT, CYBER PHYSICAL SYSTEMS, BLOCK CHAIN, COGNITIVE COMPUTING, CLOUD COMPUTING, AI & ML.	Dr.P.SENTHIL VELMURUGAN
36.	ASWIN KUMAR R B	IV	DESIGN AND FABRICATION OF SMART FISH CLEANER	FOOD PROCESSING.	Dr.P.THANGAVEL
37.	BALAMURUGAN S	IV	SMART SOLAR DRYING SYSTEM FOR AGRICULTURAL PRODUCTS	FOOD PROCESSING.	Dr.P.THANGAVEL
38.	NALINKUMARS	IV	PNEUMATIC STAIRS ON PUBLIC TRANSPORT	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.R.GUKENDRAN
39.	ROHITH R	IV	SUGARCANE PEELING MACHINE	FOOD PROCESSING.	Dr.R.GUKENDRAN
40.	TAMIZHAN V B	IV	DESIGN AND FABRICATION OF CUSTOMIZED TRICYCLE	DESIGN AND FABRICATION	Dr.R.KARTHIKEYAN
41.	KAVIN KUMAR B	IV	LIFTING OF BOREWELL TUBES USING WORM AND WORM GEAR	WATER MANAGEMENT	Dr.R.NAVEEN KUMAR
42.	SRINIVASANT V	IV	DESIGN AND FABRICATION OF EXOSKELETON FOR CARRYING WATER BARRELS	ERGONOMICS	Dr.R.NAVEEN KUMAR
43.	ABISHEK S	IV	DESIGN AND FABRICATION OF MODERATE COOLING SYSTEM USING NATURAL RUBBER BAND	COOLING	Dr.R.RAJASEKAR
44.	ESSAKKIAPPAN M	IV	PORTABLE PLASTIC RECYCLER	WASTE MANAGEMENT.	Dr.R.RAJASEKAR
45.	DEEPAK G	III	TRAVEL SEARCH AND NAVIGATION	TRAVEL AND TOURISM	Dr.S.M SENTHIL
46.	SRADEEP M	IV	INTELLIGENT DOMESTIC WASTE SEGREGATOR	WASTE MANAGEMENT.	Dr.S.M.SENTHIL
47.	RAJKUMAR C	III	POULTRY HEATER	AGRICULTURE & RURAL DEVELOPMENT.	Dr.S.M.SENTHIL
48.	SHAHIF A	IV	HYBRID CARDAMOM DRIER	RENEWABLE AND AFFORDABLE ENERGY.	Dr.S.M.SENTHIL
49.	ASWATH KHUMAREN V G	III	AUTOMATIC ROADSIDE LITTER AND WASTE COLLECTOR	WASTE MANAGEMENT.	Dr.S.M.SENTHIL
50.	PRATHIBHAAP G	III	INTEGRATED DRUNK DRIVING PREVENTION SYSTEM	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.S.M.SENTHIL
51.	SANTHOSH KANNA S	IV	DIGITILIZED DRAFTER	EDUCATION INSTRUMENTS	Dr.S.M.SENTHIL
52.	ASWIN J K	III	AUTOMATIC HOSPITAL WASTE SEGREGATOR	WASTE MANAGEMENT.	Dr.S.M.SENTHIL
53.	S.JANASANJAY	III	MASK STERILIZER AND DISINTEGRATION(MSD) UNIT	HEALTHCARE & BIOMEDICAL DEVICES.	Dr.S.M.SENTHIL
54.	RAGUNATH.S	IV	AUTOMATIC OPENING AND CLOSING OF WINDOW USING LDR SENSOR	AUTOMATION SECTOR	Dr.S.SELVAKUMAR
55.	PERAZHAGAN G	IV	DESIGN AND FABRICATION OF BABY CARE MONITORING SYSTEM	IOT BASED TECHNOLOGIES (E.G. SECURITY & SURVEILLANCE SYSTEMS ETC)	Dr.S.SELVAKUMAR
56.	HARIPRASADM	III	INBUILT CARJACK	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.S.SELVAKUMAR
57.	PRADEEP P	IV	ONION PLANTATION USING POWER TILLER	AGRICULTURE & RURAL DEVELOPMENT.	Dr.T.P.SATHISH KUMAR
58.	MOHARAJ P	IV	DESIGN AND FABRICATION OF ONION HARVESTING MECHANISM FOR POWER TILLER	AGRICULTURE & RURAL DEVELOPMENT.	Dr.T.P.SATHISH KUMAR
59.	ARUN MANI V	IV	CUSTOMIZED SPANNER	TOOLS	Dr.V.HARIHARAN
60.	DINESH D	IV	HYDRAULIC PATIENT HOIST	HEALTHCARE & BIOMEDICAL DEVICES.	Mr.A.ABUBAKKAR
61.	SANJAY RAJU J	IV	DESIGN AND FABRICATION OF SYSTEM TO BLOCK THE REVERSE FLOW IN INTRAVENOUS LINE	HEALTHCARE & BIOMEDICAL DEVICES.	Mr.A.GANESH
62.	VASEEKARAN S P	IV	COMPACT VERSATILE COOKING GADGET	FOOD PROCESSING.	Mr.A.GANESH

63.	KAVIN S	IV	WINDOW CONTROL SYSTEM USING TEMPERATURE SENSING UNIT	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.A.SARAVANA N
64.	NAVEEN KUMAR N	IV	AGRICULTURAL WHEEL SPRAYER	AGRICULTURE & RURAL DEVELOPMENT.	Mr.A.SARAVANA N
65.	PRITHVI P	IV	DESIGN AND FABRICATION OF ANTI VIRUS WALL AND FLOOR CLEANING MACHINE	HEALTHCARE & BIOMEDICAL DEVICES.	Mr.A.SOMASUNDARAM
66.	PRAVIN.N	IV	BATTERY OPERATED SOLAR PUMP	AGRICULTURE & RURAL DEVELOPMENT.	Mr.A.SOMASUNDARAM
67.	SHRIVATHSANA V	IV	AUTOMATIC RAINWATER COLLECTING DUCT	CLEAN & POTABLE WATER.	Mr.B.S.HARI
68.	YEASIGAN SK	IV	TRACTOR DRAWN TURMERIC HARVESTER	AGRICULTURE & RURAL DEVELOPMENT.	Mr.B.S.HARI
69.	PRATEEP T	III	COCONUT FARM WASTE COLLECTOR	AGRICULTURE & RURAL DEVELOPMENT.	Mr.B.S.HARI
70.	SANGEERTH ANAN.B	III	HOVERCRAFT	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.B.S.HARI
71.	NITHISH KK	IV	MULBERRY CUTTER	AGRICULTURE & RURAL DEVELOPMENT.	Mr.C.SATHISH RANGANATHAN
72.	SYED IRSATHA	IV	DESIGN AND FABRICATION OF HYBRID WHEELCHAIR	HEALTHCARE & BIOMEDICAL DEVICES.	Mr.K.PARAMASIVAM
73.	SHARAN K	IV	LINEAR MOTION HUMIDIFIER FOR MUSHROOM CULTIVATION	AGRICULTURE & RURAL DEVELOPMENT.	Mr.K.PARAMASIVAM
74.	VIGNESHWARAN M	IV	DESIGN AND FABRICATION OF MICROCHANNEL HEAT PIPE FOR BTMS	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.K.S.MANOJ
75.	VIGNESH V	III	AUTOMATIC CATTLE FEEDER	AGRICULTURE & RURAL DEVELOPMENT.	Mr.K.S.MANOJ
76.	VIGNESH V	III	PROVIDING SLEEP TRACKER IN AUTOMOBILES TO PREVENT ACCIDENTS	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.K.S.MANOJ
77.	VIGNESH V	III	CUTTING MACHINE WITH MEASURING SENSOR	UPGRADE OF A PRODUCT IN THE MARKET	Mr.K.S.MANOJ
78.	DEEPAK T	III	ALTERNATIVE FOR RO PURIFIER	HEALTHCARE & BIOMEDICAL DEVICES.	Mr.K.S.MANOJ
79.	PALANIKUMAR.M	IV	AIR PURIFIER	HEALTHCARE & BIOMEDICAL DEVICES.	Mr.K.THANGAMUTHU
80.	JACINTH WALLACE DAVID B	IV	BATTERY THERMAL MANAGEMENT IN EV	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.K.THANGAMUTHU
81.	PRAKASH RAJ T	IV	AIR BLOWN BED GASIFIER	WASTE MANAGEMENT.	Mr.K.V.SATHEESH KUMAR
82.	PUNITHKUMAR S	IV	DESIGN AND FABRICATION OF MILLET SEPARATING, CLEANING AND GRINDING MACHINE.	AGRICULTURE & RURAL DEVELOPMENT.	Mr.K.V.SATHEESH KUMAR
83.	RESHMA R	IV	DESIGN AND FABRICATION OF RAIN GUTTER	PREVENTION OF WATER GETTING STAGNANT IN RAIN GUTTER	Mr.M.DHARMARAJ
84.	ARUNMOZHIM	IV	DESIGN AND FABRICATION OF CARDIOVASCULAR EXERCISE KIT FOR ELDER PEOPLES	HEALTHCARE & BIOMEDICAL DEVICES.	Mr.M.DHARMARAJ
85.	ARUNKUMAR N	IV	MULTI NUT REMOVER AND TIGHTENER FOR A CAR TIRE	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.M.MAHESH
86.	SUBRAMANIS	IV	DESIGN AND FABRICATION OF PLASTIC WASTE RECYCLING MACHINE	WASTE MANAGEMENT.	Mr.M.MAKESHKUMAR
87.	MANU PRAKASH R	IV	PORTABLE DIGESTER FOR BIOGAS PRODUCTION FROM ORGANIC WASTE	WASTE MANAGEMENT.	Mr.M.MAKESHKUMAR
88.	SURYA R	IV	MILK ADULTERANT TESTER	FOOD PROCESSING.	Mr.N.PRASANNA
89.	VISNU B	IV	SOLAR OPERATED SOIL DIGGING MACHINE	AGRICULTURE & RURAL DEVELOPMENT.	Mr.N.PRASANNA
90.	HRITHESH R	IV	WAY FOR MAN-ANIMAL CONFLICTS	AGRICULTURE & RURAL DEVELOPMENT.	Mr.R.KAMALAKANNAN
91.	NAGULRAJ V	II	FOLDING BICYCLE	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.R.KAMALAKANNAN
92.	KISHORKUMAR P	IV	AUTOMATIC FRUIT CUTTING MACHINE	FOOD PROCESSING.	Mr.R.KAMALAKANNAN
93.	RAGHUNATH R T	IV	GREENHOUSE SOLAR DRYER USING THERMAL EVACUATED TUBE FOR BETA CAROTENE PRODUCTS	RENEWABLE AND AFFORDABLE ENERGY.	Mr.R.KARTHIKEYAN

94.	YUVARAJ MUNEESHWARAN C	II	POWER GENERATION USING SUPERCRITICAL CO2	RENEWABLE AND AFFORDABLE ENERGY.	Mr.R.MANIVANN AN
95.	MATHAN B	IV	AGRICULTURAL THREE IN ONE MACHINE USING SOLAR POWER	AGRICULTURE & RURAL DEVELOPMENT.	Mr.R.MANIVANN AN
96.	KARTHESWARAN K	IV	PNEUMATIC INTERNAL PIPE SCRAP REMOVER	INDUSTRIAL APPLICATION	Mr.R.MANIVANN AN
97.	SUHAIR	IV	DESIGN AND FABRICATION OF TREE BRANCH CUTTER USING DRONE WITH LASER HEAD	ROBOTICS AND DRONES.	Mr.S.AJAY
98.	PERUMAL M	IV	PHASED ARRAY ULTRASONIC TESTING PROBE FIXER	INDUSTRIAL INSPECTION	Mr.S.KARTHI
99.	SABARIS M	IV	COOLING CIRCUIT FOR SOLAR PANEL	RENEWABLE AND AFFORDABLE ENERGY.	Mr.S.KARTHI
100.	DIVIJ H M	IV	ENHANCEMENT OF DESALINATION PROCESS BY PARABOLIC TROUGH COLLECTOR	RENEWABLE AND AFFORDABLE ENERGY.	Mr.T.RAJAGOPAL
101.	DHIVAKAR S	IV	PERFORMANCE ENHANCEMENT OF SOLAR PHOTOVOLTAIC PANEL BY USING CONVEX LENS	RENEWABLE AND AFFORDABLE ENERGY.	Mr.T.RAJAGOPAL
102.	SURYA M	IV	PLASTIC BOTTLE GREENHOUSE	WASTE MANAGEMENT.	Mr.T.RAVISHANKAR
103.	HARIHARAN V	IV	DESIGN AND FABRICATION OF PAINTING MACHINE	PAINTING PROCESS	Mr.T.RAVISHANKAR

Panel list:

KONGU ENGINEERING COLLEGE
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PERUNDURAI, ERODE - 638 060
SCHOOL OF BUILDING AND MECHANICAL SCIENCES
DEPARTMENT OF MECHANICAL ENGINEERING

IDEATHON – 2021
30.09.2021

PANEL - I

MEMBERS :- Dr.C.BASKAR, Dr.A.SANTHOSH KUMAR and Dr.A.MOHAN KUMAR

Venue: MB 201

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	SCHEDULE
1.	RAINBOW	NIRUTHISHKUMAR A	II	C	DAISY UMBRELLA	10.30 AM to 10.35 AM
2.	TEAM MACHINISTS	YUVARAJ MUNEESHWARAN C	II	D	POWER GENERATION USING SUPERCRITICAL CO2	10.35 AM to 10.40 AM
3.	DINO TECH	NAGULRAJ V	II	B	FOLDING BICYCLE	10.40 AM to 10.45 AM
4.	MANIACS	KRISHNAN R	IV	B	DESIGN OF PORTABLE BICYCLES	10.45 AM to 10.50 AM
5.	RECREATOR	SANTHOSH KANNA S	IV	D	DIGITIALIZED DRAFTER	10.50 AM to 10.55 AM
6.	ERGON NOMOS	SRINIVASAN T V	IV	D	DESIGN AND FABRICATION OF EXOSKELETON FOR CARRYING WATER BARRELS	10.55 AM to 11.00 AM
7.	YOLO	YOGESHWARAN S	IV	D	ROAD SAFETY DEFENDER USING AI	11.00 AM to 11.05 AM
8.	MECH ROCKS	PERAZHAGAN G	IV	C	DESIGN AND FABRICATION OF BABY CARE MONITORING SYSTEM	11.05 AM to 11.10 AM
9.	NANO	KISHOK KUMAR A	IV	B	WEATHER MONITORING NANOSATELLITE	11.10 AM to 11.15 AM
10.	BOSSSES	PRAKASH RAJ T	IV	C	AIR BLOWN BED GASIFIER	11.15 AM to 11.20 AM
11.	SMARTWORK BOYS	SUBRAMANI S	IV	D	DESIGN AND FABRICATION OF PLASTIC WASTE RECYCLING MACHINE	11.25 AM to 11.30 AM
12.	BATCH-1	SRADEEP M	IV	D	INTELLIGENT DOMESTIC WASTE	11.30 AM to 11.35 AM

[Handwritten signatures and dates: 28.9.21]



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IDEATHON – 2021
30.09.2021



PANEL - II

MEMBERS :- Mr.K.V.SATHEESH KUMAR, Mr.M.DHARMARAJ and Mr.A.ABUBAKKAR

Venue: ED Centre

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	SCHEDULE
1.	RAIDENS	KISHORKUMAR P	IV	B	AUTOMATIC FRUIT CUTTING MACHINE	09.00 AM to 09.05 AM
2.	REVOLUTION	VASEEKARAN S P	IV	D	COMPACT VERSATILE COOKING GADGET	09.05 AM to 09.10 AM
3.	MECHONS	ASWIN KUMAR R B	IV	A	DESIGN AND FABRICATION OF SMART FISH CLEANER	09.10 AM to 09.15 AM
4.	INVICTA	SURYA R	IV	D	MILK ADULTERANT TESTER	09.15 AM to 09.20 AM
5.	WC	KANNAN.R	IV	B	PROGRAMMABLE COOKING MACHINE	09.20AM to 09.25 AM
6.	TEAM BM	BALAMURUGAN S	IV	A	SMART SOLAR DRYING SYSTEM FOR AGRICULTURAL PRODUCTS	09.25 AM to 09.30 AM
7.	MEGATRON	ROHITH R	IV	C	SUGARCANE PEELING MACHINE	09.30 AM to 09.35 AM
8.	DFC 10	PRITHVI P	IV	C	DESIGN AND FABRICATION OF ANTI VIRUS WALL AND FLOOR CLEANING MACHINE	09.35 AM to 09.40 AM
9.	BATCH NO.4	PALANIKUMAR.M	IV	C	AIR PURIFIER	09.40 AM to 09.45 AM
10.	GLADIATORS	ARUNMOZHI M	IV	A	DESIGN AND FABRICATION OF CARDIOVASCULAR EXERCISE KIT FOR ELDER PEOPLES	09.45 AM to 09.50AM
11.	IDEAL-THINKER	SYED IRSATH A	IV	D	DESIGN AND FABRICATION OF HYBRID	09.50 AM to 09.55 AM

K.V.Satheesh Kumar

28.5.21



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IDEATHON – 2021
30.09.2021



PANEL - III

MEMBERS :- Dr.P.SAJI RAVEENDRAN, Dr.M.VIJAYANAND and Mr.N.PRASANNA

Venue: MB 211

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	SCHEDULE
1.	THE SOLAR	SABARIS M	IV	C	COOLING CIRCUIT FOR SOLAR PANEL	01.30 PM to 01.35 PM
2.	FUTURE VISIONISTS	VISHNUKANTH J	IV	D	DESIGN AND FABRICATION OF HYBRID POWER BANK	01.40 PM to 01.45 PM
3.	II	DIVIJ H M	IV	A	ENHANCEMENT OF DESALINATION PROCESS BY PARABOLIC TROUGH COLLECTOR	01.45 PM to 01.50 PM
4.	SOLAR DRYER	RAGHUNATH R T	IV	C	GREENHOUSE SOLAR DRYER USING THERMAL EVACUATED TUBE FOR BETA CAROTENE PRODUCTS	01.50 PM to 01.55 PM
5.	MECHONS	SHAHIF A	IV	D	HYBRID CARDAMOM DRIER	01.55 PM to 02.00 PM
6.	TEAM 13	JEBUS RAJ B	IV	B	MECHANIZED SOLAR PANEL CLEANING SYSTEM	02.00 PM to 02.05 PM
7.	20-21DFPA10	DHIVAKAR S	IV	A	PERFORMANCE ENHANCEMENT OF SOLAR PHOTOVOLTAIC PANEL BY USING CONVEX LENS	02.05 PM to 02.10 PM
8.	TEAM 7	AKILAN K	IV	A	REFRIGERATOR AND INCUBATOR FOR SMALL SCALE POULTRY FARMING	02.10 PM to 02.15 PM
9.	REBELS	JEBIN SAMUEL J	IV	B	ROOF TOP MOUNTED SOLAR CHIMNEY	02.15 PM to 02.20 PM
10.	INVICTA2K21	SUHAIR	IV	D	DESIGN AND FABRICATION OF TREE BRANCH CUTTER USING DRONE WITH LASER HEAD	02.20 PM to 02.25 PM

K.V.Satheesh Kumar

28.5.21



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IDEATHON – 2021
30.09.2021



PANEL - IV

MEMBERS :- Dr.S.SELVAKUMAR, Mr.A.SARAVANAN and Mr.M.MAKESH KUMAR

Venue: MB 104

S.No	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	SCHEDULE
1.	TEAM ALPHA	SHARAN K	IV	D	LINEAR MOTION HUMIDIFIER FOR MUSHROOM CULTIVATION	09.00 AM to 09.05 AM
2.	AGRICULTURE PROJECT	MATHAN B	IV	B	AGRICULTURAL THREE IN ONE MACHINE USING SOLAR POWER	09.05 AM to 09.10 AM
3.	SHIFT	NAVEEN KUMAR N	IV	C	AGRICULTURAL WHEEL SPRAYER	09.10 AM to 09.15 AM
4.	KEC PRODIGY	PRAVIN.N	IV	C	BATTERY OPERATED SOLAR PUMP	09.15 AM to 09.20 AM
5.	ELITE	JEEVASUDHAN S	IV	B	COCONUT DEHUSKING SETUP	09.20AM to 09.25 AM
6.	ROCKERS	PUNITHKUMAR S	IV	C	DESIGN AND FABRICATION OF MILLET SEPARATING, CLEANING AND GRINDING MACHINE.	09.25 AM to 09.30 AM
7.	PHOENIX	MOHARAJ P	IV	C	DESIGN AND FABRICATION OF ONION HARVESTING MECHANISM FOR POWER TILLER	09.30 AM to 09.35 AM
8.	TEAM LEMON	MANOJ KUMAR K	IV	B	GROUNDNUT HARVESTER	09.35 AM to 09.40 AM
9.	TEAM ATOM	KARAN M	IV	B	MODIFIED TRACTOR ATTACHMENT FOR COW DUNG MANURE CRUSHING AND SPRAYING IN FARM LAND	09.40 AM to 09.45 AM

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IDEATHON – 2021
30.09.2021



PANEL - V

MEMBERS :-Dr.S.M.SENTHIL, Mr.B.S.HARI and Dr.A.TAMILVANNAN

Venue: Mini Conference Hall

<https://meet.google.com/ovv-ejrt-tdz> [Only for III Years]

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	SCHEDULE
1.	PAINTERS	HARIHARAN V	IV	B	DESIGN AND FABRICATION OF PAINTING MACHINE	01.30 PM to 01.35 PM
2.	CHILD EXCAVATOR	SHIVARAM. SV	IV	D	DESIGN & FABRICATION OF DEEP WELL CHILD EXCAVATOR	01.40 PM to 01.45 PM
3.	BDS	DEVANATHAN JJ	IV	A	SEMI AUTOMATES BRICK MAKING MACHINE	01.45 PM to 01.50 PM
4.	DAS TEAM	DHIVAKAR V	IV	A	DEVELOPMENT OF MAGNETORHEOLOGICAL FINISHING PROCESS USING MRF FLUID	01.50 PM to 01.55 PM

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	SCHEDULE
1.	FANTASTIC FOUR	VIGNESH V	III	D	AUTOMATIC CATTLE FEEDER	01.55 PM to 02.00 PM
2.	ELITE	PRATEEP T	III	C	COCONUT FARM WASTE COLLECTOR	02.00 PM to 02.05 PM
3.	JOULE	RAJKUMAR C	III	C	POULTRY HEATER	02.05 PM to 02.10 PM
4.	MECH STARS	KEERTHIRAJ N	III	B	AUTOMATIC HEADLIGHT DIMMER/DIPPER	02.10 PM to 02.15 PM
5.	WINNERS	DEEPAK T	III	A	ALTERNATIVE FOR RO PURIFIER	02.15 PM to 02.20 PM
6.	TECH TURTLES	S.JANASANJAY	III	B	MASK STERILIZER AND DISINTEGRATION(MSD)	02.20 PM to 02.25 PM

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Ideathon event photos




Attachments:

EVENT NAME	GOOGLE MEET Recordings
IDEA PRESENTATION (III Years)	https://drive.google.com/file/d/1FfTIK2rP1zX0rYRIISfu0db975nYdkVI/view?usp=sharing

Prize winners list:




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IDEATHON – 2021
30.09.2021

TOP 3 IDEAS




S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	MENTOR NAME	POSITION	CASH PRIZE
1.	TEAM ALPHA	ASWIN J K	III	A	AUTOMATIC HOSPITAL WASTE SEGREGATOR	Dr.S.M.SENTHIL	I	Rs. 3,000
2.	GLADIATORS	ARUNMOZHI M	IV	A	DESIGN AND FABRICATION OF CARDIOVASCULAR EXERCISE KIT FOR ELDER PEOPLES	Mr.M.DHARMARAJ	II	Rs. 2,000
3.	RAINBOW	NIRUTHISHKUMAR A	II	C	DAISY UMBRELLA	Dr.P.NAVANEETHAKRISHNAN	III	Rs. 1,000


2. 
1. 
Event Coordinators


5.10.21
HOD/MECH

Top 50 Ideas promoted to PoC Competition




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IDEATHON – 2021
30.09.2021

TOP 50 IDEAS



S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	THEME	MENTOR
1.	20DFPB15	HARIESH VARDHAN R.V	IV	B	SHOE CLEANING MACHINE	AUTOMATIC CLEANING	Dr. KSK. SASIKUMAR
2.	AVENGERS	SANJAY K	IV	C	SMART CEILING MOP WITH ADJUSTABLE HEAD	CLEAN & POTABLE WATER.	Dr.A. SIVAKUMAR
3.	BATCH-I	SRADEEP M	IV	D	INTELLIGENT DOMESTIC WASTE SEGREGATOR	WASTE MANAGEMENT.	Dr. S. M. SENTHIL
4.	CHILD EXCAVATOR	SHIVARAM. SV	IV	D	DESIGN & FABRICATION OF DEEP WELL CHILD EXCAVATOR	RECUSE PROCESS	Dr. P. NAVANEETHA KRISHNAN
5.	CRUSADERS	SANJAY RAJU J	IV	C	DESIGN AND FABRICATION OF SYSTEM TO BLOCK THE REVERSE FLOW IN INTRAVENOUS LINE	HEALTHCARE & BIOMEDICAL DEVICES.	Dr.A.GANESH
6.	DEEPAK G	DEEPAK G	III	A	TRAVEL SEARCH AND NAVIGATION	TRAVEL AND TOURISM	Dr.S.M.SENTHIL
7.	DFC 10	PRITHVI P	IV	C	DESIGN AND FABRICATION OF ANTI VIRUS WALL AND FLOOR CLEANING MACHINE	HEALTHCARE & BIOMEDICAL DEVICES.	Mr.A.SOMASUNDARAM
8.	DINO TECH	NAGULRAJ V	II	B	FOLDING BICYCLE	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE	Mr.R. KAMALAKANNAN

2. 
1. 
Event Coordinators


5.10.21
HOD/MECH

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	THEME	MENTOR
						MOTOR AND BATTERY TECHNOLOGY.	
9.	ELITE	PRATEEP T	III	C	COCONUT FARM WASTE COLLECTOR	AGRICULTURE & RURAL DEVELOPMENT.	Mr.B.S. HARI
10.	ELITE	JEEVASUDHAN S	IV	B	COCONUT DEHUSKING SETUP	AGRICULTURE & RURAL DEVELOPMENT.	Dr. A. TAMILVANAN
11.	ERGON NOMOS	SRINIVASAN T V	IV	D	DESIGN AND FABRICATION OF EXOSKELETON FOR CARRYING WATER BARRELS	ERGONOMICS	Dr.R. NAVEEN KUMAR
12.	FANTASTIC FOUR	VIGNESH V	III	D	AUTOMATIC CATTLE FEEDER	AGRICULTURE & RURAL DEVELOPMENT.	Mr.K.S.MANOJ
13.	FANTASTIC FOUR	VIGNESH V	III	D	PROVIDING SLEEP TRACKER IN AUTOMOBILES TO PREVENT ACCIDENTS	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.K.S.MANOJ
14.	FANTASTIC FOUR	VIGNESH V	III	D	CUTTING MACHINE WITH MEASURING SENSOR	UPGRADE OF A PRODUCT IN THE MARKET	Mr.K.S.MANOJ
15.	FREE THINKERS	SHRIVATHSAN V	IV	D	AUTOMATIC RAINWATER COLLECTING DUCT	CLEAN & POTABLE WATER.	Dr.B.S. HARI
16.	GLADIATORS	ARUNMOZHI M	IV	A	DESIGN AND FABRICATION OF CARDIOVASCULAR EXERCISE KIT FOR ELDER PEOPLES	HEALTHCARE & BIOMEDICAL DEVICES.	Dr.M.DHARMARAJ
17.	INVICTA	SURYA R	IV	D	MILK ADULTERANT TESTER	FOOD PROCESSING.	Mr.N.PRASANNA
18.	INVICTA2K21	SUHAIR	IV	D	DESIGN AND FABRICATION OF TREE BRANCH CUTTER USING DRONE WITH LASER	ROBOTICS AND DRONES.	Dr.S. AJAY

Event Coordinators

HOD/MECH

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	THEME	MENTOR
					HEAD		
19.	JETSPRINTERS	SANGEERTHANAN.B	III	C	HOVERCRAFT	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Mr.B.S.HARI
20.	JOULE	RAJKUMAR C	III	C	POULTRY HEATER	AGRICULTURE & RURAL DEVELOPMENT.	Dr.S.M SENTHIL
21.	LAMBRETTA	VIGNESH S	IV	D	WASTAGE COLLECTOR IN WATER BODIES	CLEAN & POTABLE WATER.	Dr. A. SANTHOSHKUMAR
22.	MANIACS	KRISHNAN R	IV	B	DESIGN OF PORTABLE BICYCLES	ECONOMICS AND CONVENIENCE	Dr.N.BAASKARAN
23.	MECH ROCKS	PERAZHAGAN G	IV	C	DESIGN AND FABRICATION OF BABY CARE MONITORING SYSTEM	IOT BASED TECHNOLOGIES (E.G. SECURITY & SURVEILLANCE SYSTEMS ETC)	Dr.S.SELVAKUMAR
24.	MECH STARS	KEERTHIRAJ N	III	B	AUTOMATIC HEADLIGHT DIMMER/DIPPER	AUTOMOBILE	Dr.C.BASKAR
25.	MECHONS	SHAHIF A	IV	D	HYBRID CARDAMOM DRIER	FOOD PROCESSING.	Dr.P.THANGAVEL
26.	MULBERRY CUTTER	NITHISH KK	IV	C	MULBERRY CUTTER	AGRICULTURE & RURAL DEVELOPMENT.	Mr.C.SATHISH RANGANATHAN
27.	NEXTGEN SOLUTIONS	ASWATH KHUMAREN V G	III	A	AUTOMATIC ROADSIDE LITTER AND WASTE COLLECTOR	WASTE MANAGEMENT.	Dr.S.M SENTHIL
28.	ORENDA	PRATHIBHAA P G	III	C	INTEGRATED DRUNK DRIVING PREVENTION SYSTEM	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.S.M SENTHIL
29.	PHOENIX	MOHARAJ P	IV	C	DESIGN AND FABRICATION OF ONION HARVESTING MECHANISM FOR POWER	AGRICULTURE & RURAL DEVELOPMENT.	Dr.T.P.SATHISH KUMAR

Event Coordinators

HOD/MECH

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	THEME	MENTOR
					TILLER		
30.	QUARKS	DHARANIDHARAN M	III	A	BANANA FIBER EXTRACTION AND PROCESSING	WASTE MANAGEMENT.	Dr.C.BASKAR
31.	RAINBOW	NIRUTHISHKUMAR A	II	C	DAISY UMBRELLA	HOME ACCESSORIES	Dr. P. NAVANEETHAKRISHNAN
32.	RECREATOR	SANTHOSH KANNA S	IV	D	DIGITILIZED DRAFTER	EDUCATION INSTRUMENTS	Dr.S.M SENTHIL
33.	REVOLUTION	VASEEKARAN S P	IV	D	COMPACT VERSATILE COOKING GADGET	FOOD PROCESSING.	Dr.A.GANESH
34.	ROCKERS	PUNITHKUMAR S	IV	C	DESIGN AND FABRICATION OF MILLET SEPARATING, CLEANING AND GRINDING MACHINE.	AGRICULTURE & RURAL DEVELOPMENT.	Mr.K. V. SATHEESHKUMAR
35.	ROCKERS	KRISHNAKUMAR R	IV	B	FIRE EXTINGUISHING ROVER USING ROCKER AND BOGIE	ROBOTICS AND DRONES.	Dr.N.BAASKARAN
36.	SPARTANS	RAKSHITH N M	III	C	ALL WHEEL DRIVE TWO WHEELERS	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.P.SATHIAMURTHI
37.	TEAM ALPHA	ASWIN J K	III	A	AUTOMATIC HOSPITAL WASTE SEGREGATOR	WASTE MANAGEMENT.	Dr.S.M SENTHIL
38.	TEAM ALPHA	SHARAN K	IV	D	LINEAR MOTION HUMIDIFIER FOR MUSHROOM CULTIVATION	AGRICULTURE & RURAL DEVELOPMENT.	Mr.K.PARAMASIVAM
39.	TEAM ATOM	KARAN M	IV	B	MODIFIED TRACTOR ATTACHMENT FOR COW DUNG MANURE CRUSHING AND SPRAYING IN FARM LAND	AGRICULTURE & RURAL DEVELOPMENT.	Dr. A. TAMILVANAN
40.	TEAM BM	BALAMURUGAN S	IV	A	SMART SOLAR DRYING SYSTEM FOR	FOOD PROCESSING.	Dr. P. THANGAVEL

Event Coordinators
K.v.s
4/10/21

HOD/MECH

S.No.	TEAM NAME	TEAM LEAD	YEAR	SECTION	NAME OF THE IDEA	THEME	MENTOR
					AGRICULTURAL PRODUCTS		
41.	TEAM LEMON	MANOJ KUMAR K	IV	B	GROUNDNUT HARVESTER	AGRICULTURE & RURAL DEVELOPMENT.	Dr.C.MOGANAPRIYA
42.	TEAM MACHINISTS	YUVARAJ MUNEEHSHWARAN C	II	D	POWER GENERATION USING SUPERCRITICAL CO ₂	RENEWABLE AND AFFORDABLE ENERGY.	Mr.R. MANIVANNAN
43.	TEAM WALLE	ESSAKKIAPPAN M	IV	A	PORTABLE PLASTIC RECYCLER	WASTE MANAGEMENT.	Dr. R.RAJASEKAR
44.	TECH TURTLES	S.JANASANJAY	III	B	MASK STERILIZER AND DISINTEGRATION(MSD) UNIT	HEALTHCARE & BIOMEDICAL DEVICES.	Dr.S.M SENTHIL
45.	THE TEAM INFINITY	HARIPRASAD M	III	B	INBUILT CARJACK	SMART VEHICLES/ ELECTRIC VEHICLE/ ELECTRIC VEHICLE MOTOR AND BATTERY TECHNOLOGY.	Dr.S. SELVAKUMAR
46.	TREE PLANTER	VISNU B	IV	D	SOLAR OPERATED SOIL DIGGING MACHINE	AGRICULTURE & RURAL DEVELOPMENT	Mr.N.PRASANNA
47.	V 3.0	DINESH D	IV	A	HYDRAULIC PATIENT HOIST	HEALTHCARE & BIOMEDICAL DEVICES.	Mr. A.ABUBAKKAR
48.	VIP	PEER MOHAMED ESSAC A	IV	C	DESIGN AND FABRICATION OF WHEEL REMOVING MACHINE	AUTOMOBILES	Dr.A.SIVAKUMAR
49.	WC	KANNAN.R	IV	B	PROGRAMMABLE COOKING MACHINE	FOOD PROCESSING.	Dr.P.NAVANEETHAKRISHNAN
50.	YOLO	YOGESHWARAN S	IV	D	ROAD SAFETY DEFENDER USING AI	ICT, CYBER PHYSICAL SYSTEMS, BLOCK CHAIN, COGNITIVE COMPUTING, CLOUD COMPUTING, AI & ML.	Dr.P.SENTHIL VELMURUGAN

Event Coordinators
K.v.s
4/10/21

HOD/MECH

Overall report of the activity:

Department of Mechanical Engineering Association is association with Institution's Innovation Council @ KEC organized an event "IDEATHON 2021". The event was very well grasped by aspiring students and concluded successfully. This event helped the students to gain practical knowledge on problem selection and definition. Problem solving techniques were utilised by students to coin their solution as an effective Idea and present them to convince juries. As the event was very interesting, students energetically participated and won prizes.

IDEATHON 2021 – IT dept. Report

Overview:

Objective:

The Intra College level event "IDEATHON'21" organised by Department Association and Institution Innovation Council (IIC) on 28th September 2021 through online and physical. **This event is organised with the objective to provide platform for the students to showcase their talent with a competitive spirit on their innovative idea.** The event was successful enough to attract as many as 70 project registrations for an event.

List of Events:

Technical Events:

- Project Presentation : 70 Teams

Event Description:

In Idea presentation, all domain ideas were accepted and shortlisted through review. In Ideathon the review team questions were based on given problem statement on which the participants can formulate a process or method to solve the problem using algorithms and technology. Based on the review team marks, top 60 projects were selected for Proof of Concept (PoC) competition.



KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI, ERODE



DEPARTMENT OF INFORMATION TECHNOLOGY
IN ASSOCIATION WITH
INSTITUTION'S INNOVATION COUNCIL @KEC

IDEATHON 2021

EVENT DATE: 28.09.2021

CASH PRIZES

I- ₹3000 ★ II- ₹2000 ★ III- ₹1000

LAST DATE TO REGISTER
SEPTEMBER 26
REGISTER AT:
<https://forms.gle/8G57BNR5TFq7nWER8>

*Registration is only
a step
to explore your idea*



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education, Government of India)

Approval form:

UP TO
₹. 20,000/-

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060

PROGRAMME APPROVAL FORM

AD - 12 - PP
REV.1
01.01.2021

Proposal Tracking No. KEC/ITR/2021-2022/09/0010

Dept. Ref. No.: IT/2021-2022/010 Date: 23.09.21

1.	Department:	Information Technology		
2.	a). Name of the Programme	KEC Ideathon ^{III yr. - Online} ^{organized by} _{II & IV yr. - Offline} . ITA & IIC		
	b). Norms under which it is proposed	Association		
3.	Dates:	From: <u>28.9.21</u>	TO: <u>-</u>	No. of Days <u>One day</u>
4.	Programme for:	Faculty	Students <input checked="" type="checkbox"/>	Others (Specify)
5.	Level:	State / National / International	Association <input checked="" type="checkbox"/>	Institution / Dept. / Cell / General
6.	Highlights of the Programme:	Presentation of Project Ideas		

1. Proposed Invitees:

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	-			
2	-			

2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure:

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1	Prizes	Rs. 6,000/-			
2	Miscellaneous	Rs. 1,000/-			
3		/			
4					
5					
6					
Total		Rs. 7,000/-			

4. Source KEC

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

1. S. J. (S. Brandanmangal)
2. J. J. (K. Lalitha)

Faculty i/c (with Name) H.O.D. 23.9.2021 CCO PRINCIPAL

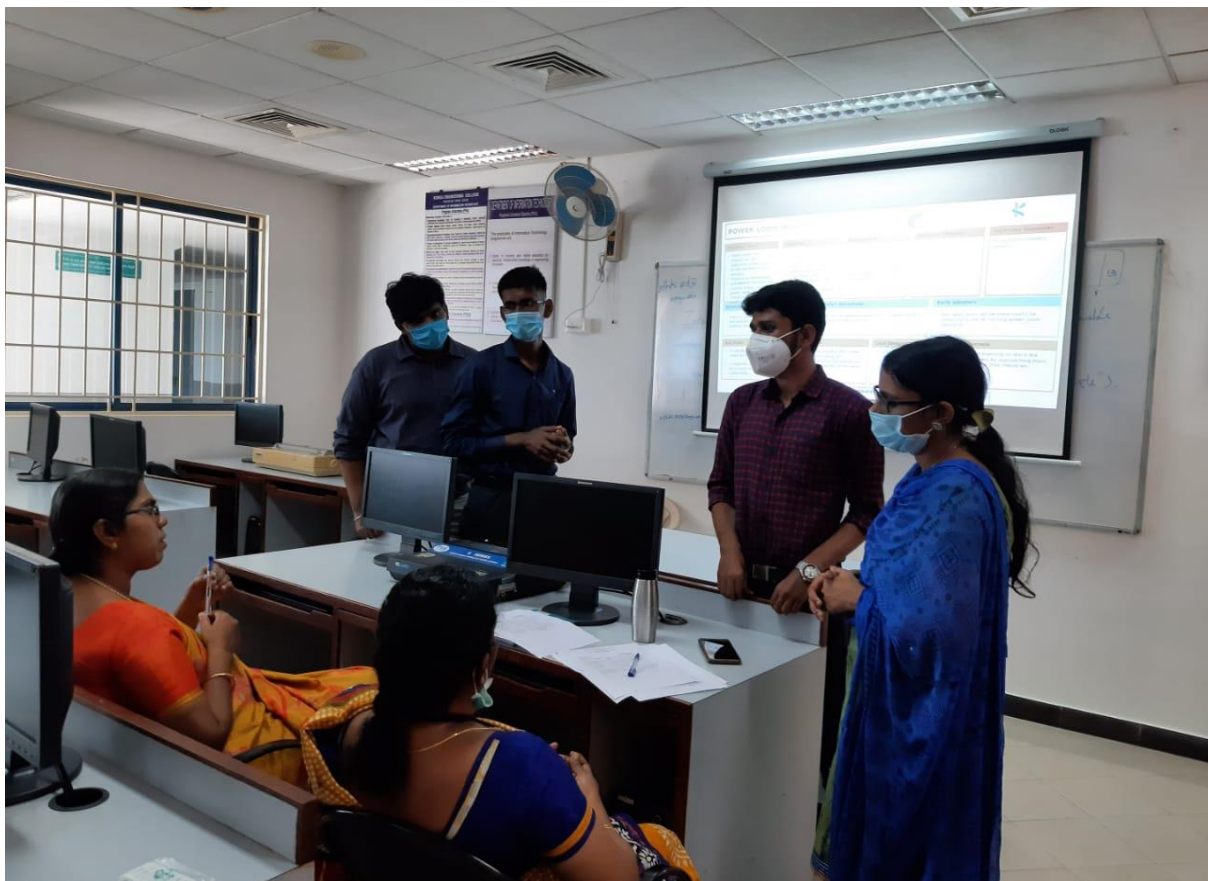
(Dr. R. Thangaraj)

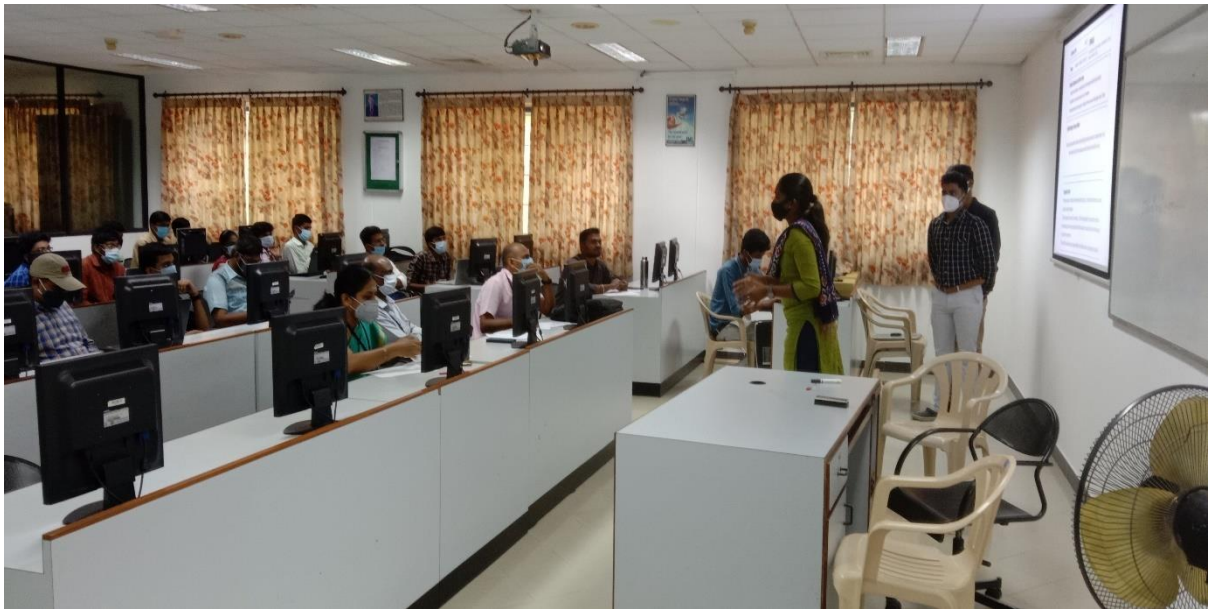
Attachments:

EVENT NAME	GOOGLE MEET LINK
PROJECT PRESENTATION	https://meet.google.com/gxs-csfg-udy (time:9am-4pm) https://meet.google.com/htd-zdqq-dpm (time:9am-4pm) https://meet.google.com/wiq-kpuo-xxr (time:9am-4pm)

IDEATHON COMPETITION

FIRST REVIEW:







Second Review:

The screenshot shows a Google Meet session in progress. The main window displays a presentation slide with the following content:

- Solution Title:** Advanced Traffic Intelligence using CNN
- Team Name:** SEDHUMADHAVAN V
- Theme:** Neural Networking and Augmented Reality
- Problem Statement and time frame:**
 - Traffic control and Surveillance
 - Problems - Occlusion, long range detection
- Brief Summary of your solution:**

A visual tracking system is designed to track and locate moving object(s) in a given time frame via a camera. It is a handy tool that has numerous applications such as security and surveillance, medical imaging, augmented reality, traffic control, video editing and communication, and human-computer interaction. This system uses a deep learning algorithm to analyze sequential video frames, after which it tracks the movement of target objects between the frames.
- Approach & tech:**
 - Wide range use of Smart cars
 - Usage of powerful CNN can effectively improve the success rate and accuracy of object tracking algorithms
 - Integrate Augmented Reality with CNN

The interface also shows a 'People' panel on the right with the following participants:

- NAVIN RAMANAN R 20IT...
- NIDHISH KRISHNA R 20IT...
- RAKSHANA DEVI V S 20IT...
- SEDHUMADHAVAN V 20IT... (Presenting)
- SEDHUMADHAVAN V 20IT... Presentation
- Venkatesan B
- VIGNESWARAN G 20ITR110

The bottom of the screen shows the system tray with the time 6:55 PM, date 10/3/2021, and battery level at 89%.

Meet - dgb-dxtd-omw x +

https://meet.google.com/dgb-dxtd-omw?pli=1&authuser=1

6 GOKUL SHANKAR K P 20ITR027 is presenting

Solution Title: BREAK LINE **Team Name:** EDU-FRIENDLY

Theme: Avoid the unwanted usage of social media.

Problem Statement and time frame:

- **What is the problem which you want to solve?**
Inorder to reduce the students usage of WhatsApp, Instagram & other social media during offline mode of classes.
- **Why is this problem happening?**
Now a days students are staying more connected with Mobiles when compared to books. So, to overcome this we need a solution.
- **Define existing process of the problem statement and time frame of the actual process cycle**
These days students are feeling more comfortable & interested in Social Media rather than teacher's lectures.

Brief Summary of your solution:
So here is our solution to this problem. To reduce the usage of Mobiles during offline mode we can keep some QR-code in front of every classes which restricts some unwanted Apps upto a particular extent of time.

- **List the possible ways of getting a solution as concept development**

We can either we QR scanner concept or we can block some apps using server.

Approach & tech

- How will you solve it? (List the possible ways of getting a solution using technologies)

Here we can implement the Android App Development concept to get a solution.

DHARUNYA R 2... VIGNESHWAR... KARTHIK R.P rp...

APARNA V 20IT... **Venkatesan B** LOGESH B 20IT...

6 others You

Pin KARTHIKEYAN R 20ITR045 to your main screen.

7:49 PM | dgb-dxtd-omw

Windows taskbar: 95% battery, 30°C, 10/3/2021

Meet - dgb-dxtd-omw x +

https://meet.google.com/dgb-dxtd-omw?pli=1&authuser=1

RAGAVI R 19ITR068 is presenting

Bus Tracking System **Crimson Lion**
Ragavi R, Suryaprasath L, Vinothini P - IIIrd / KEC

Internet of Things

Problem Statement:

- The problem is to identify the current location, bus routes, arrival notification & arriving time of the bus.
- The problem is happening due to various factors such as bus breakdown, accident, traffic, weather conditions etc.,

Brief Summary of your solution

- This solution is live bus tracking system. Now a days there is no application available for bus live location tracking & arriving time intimation. We can track the bus's current location that will display lively in the application, so passenger can easily knowing about the bus location, bus routes, and arriving time and also it will notify the bus arrival message for the passenger wish and intimate any emergency situation.

Approach & tech

The main technology used to develop this system is Global Positioning System (GPS) & Global System for Mobile Communication (GSM). GPS technology able to receives the current location of an object from space-based satellite navigation system. For wireless data transmission, GSM is commonly used, GSM network and GSM modem provide a user with vehicle location information. A Microcontroller used to interact around this system. The bus tracking system uses the smart phone application to track and monitor a bus location obtained from the in-vehicle tracking device.

RAGAVI R 19ITR068

13 others

You

People

Add people

- NIRSITHA R 19ITR055
- RAGAVI R 19ITR068
- RAGAVI R 19ITR068 Presentation
- SARAVANA KUMAR M 18I...
- SURYAPRASAATH L 19ITR...
- Venkatesan B
- VINOTHINI P 19ITR106

You can't unmute someone else

MOUNIKA S 19ITR049 has left the meeting

9:20 PM | dgb-dxtd-omw

Windows taskbar: 41% battery, 28°C, 10/3/2021

The screenshot shows a Google Meet interface. At the top, it says "MOHAMED SIHAL S J 18ITR051 is presenting". The main content area displays a presentation slide with the following text:

Eat Mates :

- This involves students sharing their food for a small income
- Hostel students or students staying outside can request food from the day scholar students for a nominal price using this feature .

Cycle Roam :

- To deploy required amount of cycles with QR codes to enable easier traveling.
- Transactions are made for maintenance of the cycles, software and effective use of them.

Vehicle Commute :

- To make the daily commuters communicate to enable vehicle pooling
- Location , Vehicle details , Timings are got from the user for filtering the results
- Commuters travelling from same location can be benefitted from this.
- Another feature for availing KEC Bus services are also added.

On the right side, there is a grid of participant avatars. The participants listed are: Venkatesan B, MOHAMED SIH..., MOHAMED RIL..., KARTHIK R.P rp..., AKSHAYANIVA..., RAGAVI R 19IT..., HARSHINI A 19..., KARTHIKEYAN ..., and You.

At the bottom of the screen, the system tray shows the time as 9:47 PM, the meeting ID as dgb-dxtd-omw, and various system icons including battery level (26%), temperature (28°C), and network status.

Participations List and Mark Statements:

<p style="text-align: center;">KONGU ENGINEERING COLLEGE (AUTONOMOUS) PERUNDURAI, ERODE KEC IDEATHON 2021-MARK LIST DATE:28.09.2021</p>					
Sno	Project Id	Name	Roll no	Project title	Marks out of 50
PANEL 1					
1	21KIT009	Dharunya.R	20ITR022	Break Line	27
		Aparna.V	20ITR009		
		Gokul Shankar K P	20ITR027		
2	21KIT001	Naveenkumar.S.E	20ITR076	ATM MONEY AVAILABILITY APP	23
		MYTHREYAN P	20ITR067		
		MEIANBU M	20ITR062		
3	21KIT002	SUBASH CHANDER. R	20ITR101	Accident Detection For CARS	20
		MOHANAPRIYA.T	20ITR065		
		NANDHA.S	20ITR069		
4	21KIT007	NAVEEN KUMAR S E	20ITR076	AUTOMOTIVE SERVICE PROCESSING WITH STATUS TRACKING	18
		MYTHREYAN P	20ITR067		
		MEIANBU M	20ITR062		
5	21KIT011	AseelJafer.Z	20ITR011	KEC CHATBOT	18
		Abdul Hameed.M	20ITR002		
		Fahima Begum.B	20ITR024		
6	21KIT005	Livithasri.J	20ITR056	Android Hacking Alert App	12
		Jayaharitha.K.B	20ITR039		

		Harini.T	20ITR032		
7	21KIT008	Balasurya.K.R	20ITR013	Bore Well Rescue System	12
		Ajey Amreesh.R.R	20ITR006		
		Kowshik.T	20ITR054		
8	21KIT003	KAYETHRI D	20ITR051	Advanced Traffic Navigation system	10
		KAVIPRIYA.M	20ITR049		
		KAVISHNA.S	20ITR050		
9	21KIT004	Yadhuvarshini R	20ITR113	Android app - Connect2Bus	10
		Sudharsan VK	20ITR103		
		Akshay kumar RS	20ITR007		
10	21KIT006	SUBASH CHANDER. R	20ITR101	Soil Moisture Detection	4
		MOHANAPRIYA.T	20ITR065		
		NANDHA.S	20ITR069		
11	21KIT081	Mohammed Rila M	18ITR050	KEC -CONNECT, COMMUTE	22
		Mohamed Sihal S J	18ITR051		
PANEL 2					
12	21KIT014	V.U.SHRIRAM PRASATH	20ITR096	Driver Availability App	45
		METHUN CHAKKARAVARTHI N	20ITR063		
		L.SRINITHI	20ITR098		
13	21KIT012	Krisvanth P	20ITR055	Detecting Impersonators in Examination Centre	43
		Aathavan S	20ITR001		
		Hariyini R	20ITR035		
14	21KIT021	GOKULRAJ.D.T	20ITR028	InteNetGlobe (ING) App	41
		AKSHAY KUMAR.R.S	20ITR007		
		HARINI.J	20ITR030		
15	21KIT023	SUDHARSAN V K	20ITR103	FARMER TO BUYER (F2B)	40
		RITHIKAA B	20ITR088		
		VIJISHWARYA M	20ITR112		
16	21KIT022	ASIFAA SULTHANA N	20ITR012	JOB SEEKERS PORTAL	39
		DHANUSHYA S	20ITR020		
17	21KIT013	Adil Mohamed	20ITR004	Doctor Management App	37
		Kanagasubramanian.V.S	20ITR043		
		KAMAL.A	20ITR042		
18	21KIT019	SUBIGA.G	20ITR102	Humidity Based Automatic Irrigator	31
		SUJITHA.R	20ITR104		
		SHARMITHA. M	20ITR094		
19	21KIT020	SEDHU MADHAVAN V	20ITR092	Advanced Traffic intelligence using CNN	29
		Navin Ramanan. R	20ITR077		
		Maadesh. V	20ITR059		
20	21KIT017	GOKULRAJ.D.T	20ITR028	FINGERPRINT ATM SYSTEM	24
		HARINI.J	20ITR030		
		AKSHAY KUMAR.R.S	20ITR007		
21	21KIT015	RITHIKA R	20ITR087	Face recognition	22
		RAJALAKSHMI P	20ITR084		
		NAVEEN VIGNESH D	20ITR075		
22	21KIT026	JANARTHANAN T	20ITR038	Meal Sharing Application	21
		LOGESH B	20ITR057		

		HARIYI M	20ITR031		
PANEL 3					
23	21KIT087	Vigneshwaran S	20ITR109	Lease the crowd	36
		Theeraj MP	20ITR108		
		Muhammad Kaisan M	20ITR066		
24	21KIT025	NANDHA KUMAR A E	20ITR068	Leave tracker and data holder	34
		RAJASEKAR	20ITR085		
		NARENDRANATH K	20ITR071		
25	21KIT027	Nidhish krishna R	20ITR078	Mobile Antitheft software	33
		Naveen ramanan	20ITR077		
		Vigneshwaran G	20ITR110		
26	21KIT033	JANARTHANAN T	20ITR038	Power Loom Montioring APP	29
		KARTHIKEYAN R	20ITR045		
		LOGESH B	20ITR057		
27	21KIT029	GOKULRAJ.D.T	20ITR028	Online diagnosis	25
		AKSHAY KUMAR.R.S	20ITR007		
		HARINI.J	20ITR030		
28	21KIT024	KAVI VARSHINI E	20ITR047	Digital Property Finder	22
		KIRUTHIKA G	20ITR052		
		KAUSHIK G	20ITR046		
		JISHNU S	20ITR041		
29	21KIT028	Iniyam G	20ITR036	Movement Detector	20
		Kanishkar P	20ITR044		
		Daniel Raja	20ITR017		
30	21KIT031	Midhuna. A	20ITR064	Patient details record based	19
		Madhushree. S	20ITR061		
		Priyadharshini.M	20ITR081		
31	21KIT030	MAHESHKUMAR S	20ITL007	Own Server for chats and others	17
		JAYA VINOOTH S	20ITL003		
		KARTHIKEYAN S	20ITL002		
32	21KIT010	GOKULRAJ.D.T	20ITR028	BUG TRACKER	15
		AKSHAY KUMAR.R.S	20ITR007		
		HARINI.J	20ITR030		
Panel IV					
33	21KIT085	Prashanth.E.G	18ITR073	Detection of Social Distance and intimation system for Covid-19	40
		Saravana Kumar M	18ITR087		
		Nikilesh A	18ITR061		
34	21KIT038	SUBARANJANA T	20ITR100	Snake SOS APP	38
		SIVA AVANTHIKA.K	20ITR097		
		SWATHI.S	20ITR106		
35	21KIT045	Bharath.V.K	20ITR014	Warning system for drivers	35
		Dhanush.K	20ITR019		
		Girishankar.V.P	20ITR026		
36	21KIT046	HARITHA MAHALAKSHMI.N	20ITR034	FARM FRIENDLY	35
		KAVIN .T	20ITR048		
		KOWRES.T	20ITR053		
37	21KIT041	Akshay Kumar RS	20ITR007	Turf Booking Application	34

		Dharani M	20ITR021		
		Guhan S	20ITR029		
38	21KIT037	GOKULRAJ.D.T	20ITR028	Smart alarm	33
		ARULPRAKASHAM.M	20ITR010		
		GAVIN.S	20ITR025		
39	21KIT036	Yadhuvarshini R	20ITR113	Sayzz-E	21
		Sudharsan VK	20ITR103		
		Akshay kumar RS	20ITR007		
40	21KIT043	PRIYANSHU PRAMANIK	20ITR082	Virus Guard	20.5
		SHANEN J THOMAS	20ITR093		
		SABARI T	20ITR089		
41	21KIT044	RAKESH M	20ITL005	voice Call recognition.	17
		SURENDHAR D	20ITL009		
42	21KIT039	SHANTHOSH J K	20ITR090	social Guard	15
		Surandhar G	20ITR105		
43	21KIT040	NAVEEN KUMAR.S	20ITR073	TEXT READER FOR BLIND USING OCR TECHNOLOGY	14
		PRANESH P B	20ITR079		
		NAVEEN S R	20ITR074		
44	21KIT042	Dhivya.E	20ITR023	Vehicle Info Scanner	13
		Anusuyaa.V.S	20ITR008		
		Bharathi.R	20ITR015		
Panel V					
45	21KIT050	ABHISHEK. M	19ITR002	Students Activivty points Data Maintenance	35.5
		ANOJ ROSHAN M	19ITR006		
		GOUKHULAVAASAN V	19ITR021		
46	21KIT055	HARI V	19ITR024	IoT Based Forest Security System	31
		JEEVANESHWARAN M	19ITR030		
		MERLIN M	19ITR046		
47	21KIT051	AJITHKUMAR.S	19ITR003	Home Security System	29
		KARAMCHAND SUBASH K	19ITR034		
		ASWIN S	19ITR014		
48	21KIT048	Aravinth S	19ITL109	Govt Corner	24
		Abaikarthik M	19ITR001		
		Haren Prabu M	19ITL110		
49	21KIT047	Aravinth S	19ITL109	Info Catcher App (certain public place in app)	20.5
		Abaikarthik M	19ITR001		
		Haren Prabu M	19ITL110		
50	21KIT052	Akshayanivashini CV	19ITR004	Automated Coconut Farm Waste Picker	18
		Lyll S	19ITR043		
		Harshini A	19ITR026		
51	21KIT054	Dhivyadharshini T	19ITR019	Auto material Replenishment system	17
		Kavya T	19ITR039		
		Gunanithi M	19ITR023		
52	21KIT053	ARULMURUGAN P	19ITR011	Finger print based ATM system	15
		ARUL PRASANNA S	19ITR010		
		ARUN K	19ITR012		

		Panel VI			
53	21KIT060	KARTHIKEYAN.S	19ITR036	AUDAZ CHICA(Fearless Girl)	36.5
		APARNAA.M	19ITR008		
		DEEPIKA.M	19ITR018		
54	21KIT063	Keerthi S	19ITR041	Smart Sensor Specs	32
		Mounika S	19ITR049		
		Nirsitha R	19ITR055		
		Nandhini B	19ITR050		
55	21KIT086	Fathima Kadhoon M	19ITR020	IoT Based drip monitoring System	32
		Jero Jenisha J	19ITR032		
		Nandhini C S M	19ITR051		
56	21KIT067	POORVAJA K	19ITR059	ONLINE LEAVE APPLICATION	31.5
		SANDHIYA G	19ITR079		
57	21KIT065	Narendranath R	19ITR052	Fingerprint Election voting system	29
		Jayaprakash P	19ITR029		
		Jeffrey H	19ITR031		
58	21KIT061	Karthikraj s c	19ITR037	Online On-Duty Registration System	26
		Ashok N	19ITR013		
		Anand R	19ITR005		
59	21KIT059	JAIHARI D	19ITR028	Harry potter's invisibility cloak using computer vision	24
		NIRESH N	19ITR054		
		NAVIENKUMAR P	19ITR053		
60	21KIT064	MADHU SHIRY N M	19ITR044	Hospital Mangement System	23.5
		DEEPA PRABHA G	19ITR017		
		MITHILA S K	19ITR047		
61	21KIT066	Paulson.J	19itr057	Online Exam Portal	20
		Srinivasan.N	19itr094		
		PANEL VII			
62	21KIT079	Thamarai Kannan.G	19ITR101	Building material management system	26
		Sudhan.S	19ITR096		
		Suryanarayanan.D	19ITR101		
63	21KIT070	RAGAVI R	19ITR068	Bus tracking system	25
		VINOTHINI P	19ITR106		
		SURYAPRASAATH L	19ITR098		
64	21KIT076	Sankara Annamalai K	19ITR082	Protected File Sharing using Steganography and Cryptography	23
		Prathish B V	19ITR063		
		Priyadharshinee R	19ITR064		
65	21KIT080	Vani Sridhar.C	19ITR102	Toxic gas detection	23
		Tamilmani.k	19ITR100		
		Ragavendra Vigneshwaran.R	19ITR075		
66	21KIT074	SANCHANA SHREE K I	19ITR078	Length Measuring device Using Andriod	21.5
		PRIYADHARSHINEE R	19ITR064		
		RANJANI S M	19ITR073		
67	21KIT071	Rakshitha.K	19ITR071	E-commerce website	21
		Rajarajeshwari.s	19ITR070		

		Ranjitha.k	19ITR074		
68	21KIT072	Sakthi Karthi Lingam M P	19ITR076	Emergency mobile helper	21
		Selvapriyanka R	19ITR086		
		Sasi S P	19ITR085		
69	21KIT073	Samyuktha C	19ITR077	Android Blood Bank System	21
		Swetha R	19ITR099		
		Shakkirun R	19ITR088		
70	21KIT075	Sanjai S	19ITR081	Travel management system	19
		Santhosh P T	19ITR083		
		Pradeev S	19ITR060		

Second Round Review Mark Statement

S.no	Project ID	Team leader Name	Roll no	Project name	Mark (50)	Ranking
1.	21KIT038	SUBARANJANA T	20ITR100	Snake Finder App	42	1
2.	21KIT014	V.U.SHRIRAM PRASATH	20ITR096	Driver Availability App	41	2
3.	21KIT050	ABHISHEK. M	19ITR002	Students Activity Points Data Maintenance	40	3
4.	21KIT009	DHARUNYA.R	20ITR022	Edu-Friendly	38	4
5.	21KIT012	KRISVANTH P	20ITR055	Detecting Impersonators In Examination Centre	37	5
6.	21KIT052	AKSHAYANIVAS HINI CV	19ITR004	Automated Coconut Farm Waste Collector	35	6
7.	21KIT021	GOKULRAJ.D.T	20ITR028	Internet globe (ING) App	34	7
8.	21KIT087	VIGNESHWARAN	20ITR109	Lease The Crowd	33	8
9.	21KIT060	KARTHIKEYAN.S	19ITR036	Audaz Chica(Fearless Girl)	31	9
10.	21KIT033	JANARTHAN T	20ITR038	Power loom monitoring App	30	10
11.	21KIT081	MOHAMMED RILA M	18ITR050	Kec Connect, Kec Commute	30	11

12.	21KIT085	PRASHANTH.E.G	18ITR073	Detection of Social Distance And Intimation System For Covid-19	30	12
13.	21KIT004	YADHUVARSHIN I R	20ITR113	Android App - Connect2Bus	29	13
14.	21KIT001	NAVEENKUMAR S E	20ITR076	ATM money availability App	28	14
15.	21KIT027	NIDHISH KRISHNA R	20ITR078	Mobile Antitheft Software	25	15
16.	21KIT055	HARI V	19ITR024	IOT Based Forest Security System	24	16
17.	21KIT063	KEERTHI S	19ITR041	Smart sensors Spec	23	17
18.	21KIT070	RAGAVI R	19ITR068	Bus Tracking System	22	18
19.	21KIT045	BHARATH.V.K	20ITR014	Warning System For Drivers	21	19
20.	21KIT020	SEDHU MADHAVAN V	20ITR092	Advanced Traffic intelligence using CNN	20	20

Prize winners list:

Idea presentation

Project ID	Team Members Roll No and Name	Project name	Year	PRIZE
21KIT038	SUBARANJANA.T (20ITR100) SIVA AVANTHIKA.K (20ITR097) SWATHI.S (20ITR106)	Snake Finder App	II	I (Rs. 3000/-)
21KIT014	V.U.SHRIRAM PRASATH (20ITR096) METHUN CHAKKARAVARTHI.N (20ITR063) L.SRINITHI (20ITR098)	Driver Availability App	II	II (Rs. 2000/-)
21KIT050	ABHISHEK. M (19ITR002) ANOJ ROSHAN.M (19ITR006) GOUKHULAVAASAN.V (19ITR021)	Students Activity Points Data Maintenance	III	III (Rs. 1000/-)

Overall report of the activity:

Department of Information Technology Association and Institution Innovation Council collaborated and organized an event "IDEATHON 2021". The event was very well grasped by aspiring students and concluded successfully. This event helped the students gain knowledge of problems around them and thinking. As the event was very interesting, students energetically participated and won exciting prizes.

ASSOCIATION OF COMPUTER SCIENCE AND ENGINEERING



KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE – 638 060



**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of Education Initiative)

IDEATHON 2021 REPORT

IDEATHON 2021 REPORT

Academic Year	:	2021 - 2022
Quarter	:	I
Program Type	:	INTRA COLLEGE EVENT
Program Driven by	:	Association of CSE
Program/Activity Name	:	KEC IDEATHON'21
Program Theme	:	Entrepreneurship and Innovation
Start Date	:	09/10/2021
End Date	:	09/10/2021
Number of student Participants	:	450
Number of Events	:	1
Number of Faculty Participants	:	Nil
Number of External Participants	:	Nil
Remark	:	Excellent and interesting event.
Expenditure Amount, if any	:	Rs.7000/-
Mode of session delivery	:	Virtual and Physical
Star performer	:	
Faculty Name	:	
Student Name	:	

OVERVIEW

Objective:

The Intra College level event "IDEATHON'21" organised by Department Association and Institution Innovation Council (IIC) on 09th October 2021 through online and physical. This event is organised with the objective to provide platform for the students to showcase their talent with a competitive spirit on their innovative idea. The event was successful enough to attract as many as 70 project registrations for an event.

LIST OF EVENTS: -

Technical Events:

- Project Presentation : 129 Teams

Event Description:

In Idea presentation, all domain ideas were accepted and shortlisted through review. In Ideathon the review team questions were based on given problem statement on which the participants can formulate a process or method to solve the problem using algorithms and technology. Based on the review team marks, top 50 projects were selected for Proof of Concept (PoC) competition.



KONGU ENGINEERING COLLEGE

An Autonomous Institution
Perundurai, Erode-638060



Transform Yourself

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

In Association with

IDEATHON 2K21



Winning teams will be recommended for
Spark fund, IPR filling, and NIDHI PRAYAS

Registration Link: <https://forms.gle/3cW5gHwrvfD4CZfr8>



Kec Ideathon

(8th & 9th Oct 2021)

I prize - Rs.3000

II prize - Rs.2000

III prize - Rs.1000

Staff Coordinators:

Dr.K.Kousalya - 9942214795

Dr.R.C.Suganthe - 9842350051

Dr.R.S.Mohana - 8012187005

Mr.S.Santhoshkumar - 9788343588

Ms.S.Anbukkarasi - 8015426236

Proof of Concept


(30 Oct)


I prize - Rs.5000

II prize - Rs.3000

III prize - Rs.2000

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 <https://kongu.ac.in>

 [konguengineeringcollege](https://kongu.ac.in)

APPROVAL FORM: -

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 069
PROGRAMME APPROVAL FORM

UP TO ₹. 20,000/- AD-12-PP
REV.1
01.01.2021

Proposal Tracking No. _____ Date: 23.09.21

Dept. Ref. No. CS/2021-202403D

1.	Department:	<u>CSE</u>		
2.	a). Name of the Programme	<u>Ideathon 2021 (CSE)</u>		
	b). Norms under which it is proposed	<u>Association</u>		
3.	Dates:	From: <u>28.9.21</u>	TO: <u>29.9.21</u>	No. of Days <u>2</u>
4.	Programme for:	Faculty	Students <input checked="" type="checkbox"/>	Others (Specify)
5.	Level:	State / National / International	Association <input checked="" type="checkbox"/>	Institution / Dept. / Cell / General
6.	Highlights of the Programme:	<u>To provide a platform to the students to show case their creative ideas</u>		

1. Proposed Invitees: -

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	-	-	-	-
2				

2. Agenda: Programme Agenda / Schedule Enclosed: Yes / No

3. Expenditure:

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1	<u>Prize Money</u>	<u>Rs. 6000/-</u>			
2	<u>Miscellaneous</u>	<u>Rs. 1000/-</u>			
3					
4					
5					
6					
Total		<u>Rs. 7000/-</u>			

4. Source

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

S. Malleja
Faculty In-charge (with Name)
S. Malleja
H.O.D
CCO
PRINCIPAL

ATTACHMENTS: -

EVENT NAME	PANEL NO.	MEET LINK
PROJECT PRESENTATION	PANEL 1	https://meet.google.com/naj-syiy-kwc
	PANEL 2	https://meet.google.com/dfo-pqxx-zjr
	PANEL 3	https://meet.google.com/oow-zvbz-cqe
	PANEL 4	https://meet.google.com/qcz-fnhx-bkp
	PANEL 5	https://meet.google.com/wrx-qemz-eux
	PANLE 6	https://meet.google.com/neq-dgec-kvs
	PANEL 7	https://meet.google.com/rye-svxq-tqx
	PANEL 8	https://meet.google.com/dfo-pqxx-zjr

SNAPSHOTS





Approach & tech
Android app development
Including databases
Using GPS for tracking location

Brief Summary of your solution

India is referred to as the sub-continent and has a huge population that goes in hundreds of crores, the ambulance to people ratio in the country is lower than the expected number. There are a lot of deaths that happen due to accidents all over India, the primary reason being the lack of medical attention given in the golden hour after the accident. Blood loss and other injuries are a major cause for death, but what is alarming is that people are not aware of the first aid steps to be followed to give people that extra minutes of fighting chance.

In our application we are going to develop an UI where user have to register their details and address. We are going to have two options where the ambulance has to be sent

1. To the registered address of the user
2. Immediate spot where some accident has happened (Registering not necessary).

(initially paid by hospital and included in their bill while discharge)
When request is sent all the drivers in and around 5km will be notified and based on GPS location tracking one nearer to the scene has to accept the request and report within the time estimated. If no ambulance is available within 5km then user can select other distance parameters like 10km or 15km.

If the situation is very worse and no ambulance is available, immediately you can also book a cab. In addition to this you can select which type of ambulance you need and if first aid is not given your request will be forwarded to some doctors and they / you can contact them.

In addition to this if police / fire service is needed, user can also specify and those services will also be notified.

If someone misuses, immediately the message will be passed to the nearby police station and they will be given some penalty.

Addition to this user can also call to our service number and call charges will be applied.

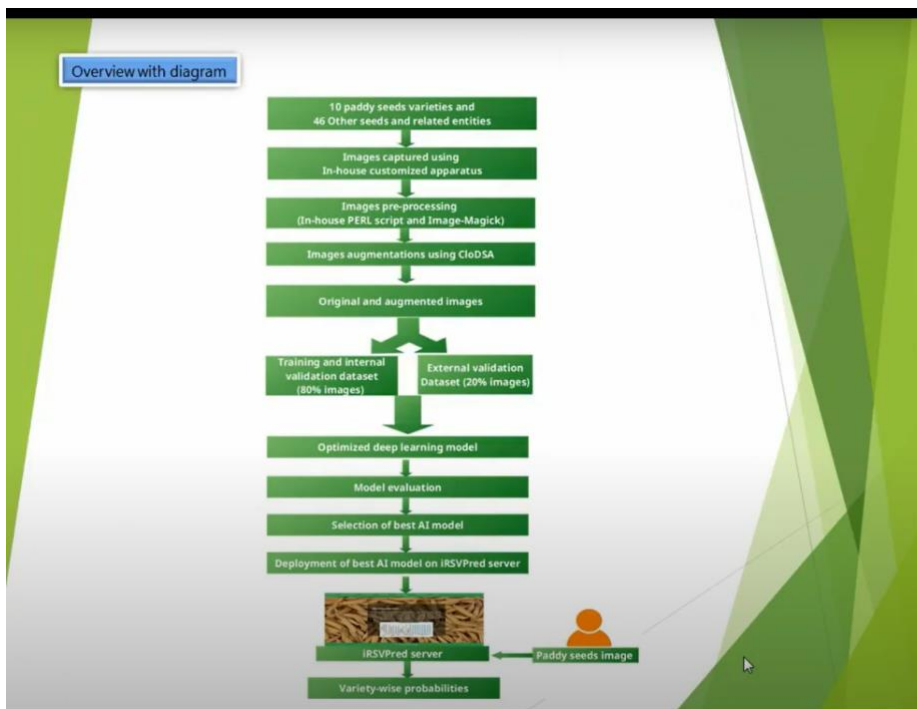


YUSVANTH SUBRAMANIAN 20CSR243

The screenshot shows a PowerPoint slide titled "Mouse Movement". The slide features a photograph of a hand with a green bounding box around it, positioned over a laptop screen. The laptop screen displays a window with the number "32". The presentation is being viewed in a "Protected View" mode in Microsoft PowerPoint. The slide number "12" is visible in the bottom left corner, and a "THANK YOU" slide is indicated in the slide navigation pane on the left.



SUVEETHA M 20CSR219



NEERAJ M 20CSR137

PARTICIPANTS LIST:

Team ID	Team Name	Idea Title	Mentor Name	Team Members
PANEL 1				
20ID01	Elite Crew	Farmigo	Dr.K.Sangeetha	ARUNAA S (20CSR020) CHANDRAMUKHII. A (20CSR032) DHIKSHANANDHINI. S (20CSR042) AANANDHENE. M (20CSR003)
20ID02	MEDIC	online opt appointment and hospital information system	Dr.N.Krishnamoorthy	DINESHBABU R (20CSR046) DINESH N (20CSR045) DINESH BABU R (20CSR044) BALAJI K (20CSR025)
20ID03	Gk	F2C	Dr.E.Gothai	GOKULKRISHNA R (20CSR063)
20ID04	Team Agri	Telegram bot	N.Sasipriyaa	GOKULAKANNAN. A (20CSR062) DHILEEP. A (20CSR043) GOKUL. R (20CSR059) BALAMURUGAN. R (20CSR027)
20ID05	Evergreen	Farm management	Dr.N.Krishnamoorthy	ARUNKARTHI T (20CSR021) ASHWINTH K (20CSR023) ARAVINDH S (20CSR018)
20ID06	Omnipotents	Building Blocks	Dr.R.Manjula Devi	CHARAN R (20CSR033) CIBI CHAKRAVARTHY M (20CSR034) DARSHAN S (20CSR036)
20ID07	Calorie count	Calorie count	Dr.R.S.Mohana	GANASRI S (20CSR050) AAKHILA HAYATHUNISA M (20CSR002) ABINAYA A (20CSR007) ASHOK KUMAR S A (20CSR022)
20ID08	Team alpha	Student counselling system	Dr.R.S.Mohana	AATARSH K. M (20CSR004) ANISH R. M (20CSR016) BALAJI. S (20CSR026)
20ID09	Team gamma	Library book renewal notify	Dr.R.S.Mohana	ANISH R M (20CSR026) BALAJI S (20CSR026) AATARSH K M (20CSR004)
20ID10	Team Hawkins	Region marker	Santhosh.C	GANESHKUMAAR S (20CSR052) ABHINAV B (20CSR006) DHARSHAN S S (20CSR040) GIRIMURUGAN M (20CSR052)
20ID11	Spartan	Health_report	Dr.S.V.Kogilavani	ASWATHI S (20CSR024) BHAVISHYA C (20CSR029) BRINDHA V (20CSR031) NIL (NIL)
20ID12	WE THREE	Help_Medi	Dr.R.Manjula Devi	ADHARSHINI .G (20CSR008)

				DURGASHREE .V (20CSR047) FREDOLIN TIBBA.B (20CSR048)
20ID13	Dream Team	Air pressure detection in tyres	N.Sasipriyaa	CIVIYA K (20CSR035) GAJALAKSHMI K (20CSR049) BHUVANESHWARI R (20CSR030)
20ID14	Smart 4	Student info system	B.Krishnakumar	LOKESWARAN SS (20CSL002) AADISH.N (20CSR001) GOKUL K (20CSR057) ARAVINDH V (20CSR019)
20ID15	Tech minds	Traffic rules cracker	Santhosh.C	DEV R B (20CSR037) DHANUSH K (20CSR039) DEVAL A (20CSR038) KARTHICK S (20CSL001)
20ID73	ELITE WARRIORS	DETECTING TREES BY USING IOT	Ms.MANJULADEVI	AGALYA (20CSR011) DHARSHINI (20CSR041) GAYATHRI (20CSR053) GOBIKA (20CSR055)
PANEL 2				
20ID16	TEAM AAGG	Bus time protocal	Dr.K.Sangeetha	ABHIMANYU.V (20CSR005) ADITHIYAA T (20CSR009)
20ID17	Peace bros	Selling of Agriculture products through toll-free call by farmer to dealer.	B.Krishnakumar	GOKUL M (20CSR056) LALITH KISHORE P (20CSR105) GANDHAMADHAN V (20CSR051)
20ID18	STRESS BUSTERS	OTT AND CHILL	Dr.P.Jayanthi	GOKUL.S (20CSR060) AFEEF THAMEEM.S (20CSR010) GOKUL.S (20CSR060)
20ID19	Titans	Family budjet	N.P.Saravanan	Ajay surya (20CSR013) BHARANIDHARAN (20CSR028) AKASH S (20CSR015) GOKUL P (20CSR058)
20ID20	204	Yet to be formulated	Jayasurya.A.S	Aji Ashwathram SP (20CSR014)
20ID21	Team Delta		C.Sagana	KISHORE N (20CSR102) KAVIN P (20CSR091) JAWAHARSRINIVAS S (20CSR081) JANUPRITHA S (20CSR080)
20ID22	The Squad	Digital Scorer	S.Santhoshkumar	JAINTH A (20CSR077) LOGESHWARAN.A (20CSR108) GUGHAN.R (20CSR069) KEERTHI.J (20CSR095)
20ID23	Fantastic 4	Food billing	P.Santhiya	MITHUN M (20CSR120) LAVANYA D (20CSR106) KARTHIKHEYAN A V (20CSR087) KAVYA R (20CSR093)
20ID24	JOKERS	MOTHERLY SPOT	S.Santhoshkumar	LOGITHA D (20CSR110) HARNISHA M (20CSR072) KOWSALYA M (20CSR103)
20ID25	REVOLUTION	Direct selling of	Dr.R.R.Rajalaxmi	KAMESWARAN V S

	HEIST	agricultural products without brokerage		(20CSR085) SUGANTH G (20CSR214) SIRANJEEVI S (20CSR199) VIGNESH R G (20CSR234)
20ID26	Girls crew	Bus tracking for private institutions	R.S.Shudapreyaa	KEERTHIKA M (20CSR096) HARINI J (20CSR071) INIYA K S (20CSR075) HEMA M (20CSR074)
20ID27	Venom	Voice GPS for blind	Dr.S.K.Nivetha	MANYU SAMEERA N (20CSR117) LALIT K (20CSR104) MOHAMED YAZEER A (20CSR123) MAHIN VISHNU K B (20CSR114)
20ID28	ONLY THREE	BUS MANAGEMENT SYSTEM	C.Sagana	PRAVEEN RAJ KUMAR T (20CSL004) MATHIYALAGAN M (20CSR118) MAGENDRAPRASAT M G (20CSR113)
20ID29	New icons	1) Email phishing or 2) Image steganography or 3) Employee welfare	M.K.Dharani	MIRUTHULA S (20CSR119) HARSHNIPRIYA R (20CSR073) JANANI P (20CSR079) JAYASUDHA A S (20CSR083)
20ID30	The Innovators	Elderly care	Dr.R.R.Rajalaxmi	MITHUNAJHA S (20CSR121) GOPIKA K P (20CSR064) JOSIKA M T (20CSR084) MALARKODI M S (20CSR115)
PANEL 3				
20ID31	G2L2	CARD LESS PAYMENT IN ATM	T.Kumaravel	GOWTHAM N (20CSR065) GOWTHESH D (20CSR068) LOHITH S (20CSR111) LINTHESHWAR S (20CSR107)
20ID32	Out of the box	Yet to be formulated	Dr.K.Nirmala Devi	MOHAMED ASKAR ASIB M (20CSR122)
20ID33	Spartans	Yet to be forward	Dr.P.Keerthika	Logeshwaran. M (20CSR109) Annamalai. R (20CSR017) Ajay Abijith. G (20CSR012)
20ID34	Single	Yet to be assigned	K.Devendran	D Jaisuriya (20CSR078)
20ID35	G-Med	MEDI-Quick	Dr.R.S.Latha	Gowtham V (20CSR067) Kavya Shruthi V (20CSR094) Karuppuachamy R (20CSR088) Kirubaaharan S (20CSR098)
20ID36	MKM	Yet to be formulated	Sharmila.C	KIRAN K (20CSR097) KIRUTHEESWARAN M (20CSR099) MADHU SUTHANAN K (20CSR112)

20ID37	Out of the world	Yet to be formed	M.Sangeetha	Kiruthick Kumar K (20CSR100) Ranjith Kumar M (20CSL003) Kavin Kirushna R (20CSR089) Jaikanth S (20CSR076)
20ID38	THE EXPENDABLES	Quick analysis of the genetic purity of seeds using AI and Bioinformatics	B.Bizu	RAGUL.K (20CSR159) SAM JEBADURAI.T (20CSR180) SAKTHIVEL.G (20CSR179) SANJEEV.B (20CSR185)
20ID39	Met-A-Four	Effective internet	S.Mohana Saranya	MUKIL M (20CSR128) MURALIDHARANN S S (20CSR130) MUHAMMEDASHRAF S (20CSR127) NISANTH D (20CSR139)
20ID40	spartans	URL SHORTNER	S.Mohana Saranya	SAMVARTHANA G (20CSR181) R.NANDHINI (20CSR132) J.PAVITHRA (20CSR145)
20ID41	SPARTANS	Osteoporosis detection from multimodel Data using Deep Learning	S.Mohana Saranya	SAMVARTHANA G (20CSR181) NANDHINI R (20CSR132) PAVITHRA J (20CSR145)
20ID42	Sky team	Plant care application	S.Kavitha	RITHIKA B (20CSR170) PRIYA R (20CSR154) RAMYA SHRI T (20CSR166) RIYA T (20CSR171)
20ID43	CONQUERORS	HOME FINDER FOR FAMILY	S.Selvaraj	NAGUL K.S (20CSR131) NEERAJ M (20CSR137) PRIYADHARSHINI K (20CSR155) SAHITHYA B A (20CSR177)
20ID44	DOMINATORS	SMART STREET LIGHTS	Dr.K.Dinesh	MOULIRAJ E (20CSR125) PRAVEEN B (20CSR152) PRAVEEN P (20CSR153) RAMALINGAM CM (20CSR164)
20ID45	SQUAD	WATER, OUT OF THIN AIR	D.Deepa	RENISH RAJA S M (20CSR169) PRAKATESH B (20CSR150) RAJASURYA R (20CSR162) NAVANEETH S B (20CSR134)
PANEL 4				
20ID46	Gryffindor	A Mobile App for Assisting Farmers using AI	B.Bizu	PRANESH T (20CSR151) NIVETHA V (20CSR143) PAVITHRA K (20CSR146) PADHMASHREE K N (20CSR144)
20ID47	Smart Designers	Doctor Room Finder, Smart Dustbin	K.Nithya	() MOWLIGHA S (20CSR126) NITHYA PRIYA C (20CSR141) NITHYA SRI R K (20CSR142)
20ID48	Queen bees	Ambulance management system	S.Gayathri	PRIYADHARSHINI.R (20CSR156)

				NANDHITHA.K (20CSR133) NISHANTHI.C (20CSR140) PRIYADHARSHINI.S (20CSR157)
20ID49	GLITCH X4	Theft and their identification by deep learning	D.Deepa	NAVANEETHA KRISHNAN V R (20CSR135) RAKESH R J (20CSR163) SANCHITH C S (20CSR182) SANJAY B (20CSR183)
20ID50	Innovative Members	Camera based	S.Selvaraj	SABAREESH A H (20CSR173) NIKASH J (20CSR138) SADHASIVAM K V (20CSR176) PRAKASHRAJ (20CSR149)
20ID51	Met-A-Four	Plant Disease Identification	S.Mohana Saranya	MUKIL M (20CSR128) MUHAMMEDASHRAF S (20CSR127) MURALIDHARANN S S (20CSR130) NISANTH D (20CSR139)
20ID52	FAB FOUR	AUTOMATION OF CERTIFICATE COLLECTION AND OD	Vani Rajasekar	SRIDHAR R (20CSR207) SRISANJAI N (20CSR208) SRIHARIESH KG (20CSR206) VASANTH K (20CSR229)
20ID53	THE PRODIGIES	Wesolve	Dr.K.Kousalya	YUSVANTH SUBRAMANIAN (20CSR243) VIMALKUMAR S (20CSR236) SIDDARTH S (20CSR198) SANTHOSH KUMAR S (20CSR187)
20ID54	FREE THINKERS	NUTRITION DEFICIENCY DETECTOR	K.Tamil Selvi	SIVASANKAR B (20CSR200) SANTHOSH A (20CSR186) SENTHILVEL K (20CSR192) SUMAN J (20CSR216)
20ID55	The Fantastic Four	Web App Development	K.S.Kalaivani	SOWMIYA S (20CSR202) SAUMYA S (20CSR191) SUPRAJA A (20CSR217) SOWMIYA N (20CSR203)
20ID56	TEAM BERLIN	Stock Decisions	K.Venu	VISWA V (20CSR239) VAIBHAV S (20CSR227) YOGAVARSHAN S (20CSR241) SHARATH S (20CSR194)
20ID57	HELLO BOYS	AGRICULTURE	K.Venu	SHEIK ALAUDEEN Y (20CSR195) SUBASH V (20CSR209) SUGAAN K S (20CSR212) SUGANESWARAN N (20CSR213)
20ID58	we4	e-Governance Grievance Application	K.Tamil Selvi	SOWNTHARI R P (20CSR205) SOWNDHARIYA J

				(20CSR204) VIDHU A (20CSR233) SWETHA S (20CSR222)
20ID59	Cool kids	Heart dieses pridictor	Dr.P.Vishnu Raja	SWETHA P (20CSR221) Sujishree K (20CSR215) SOBIYA K (20CSR201) VASANTH V (20CSR230)
20ID60	Chaos squard	Bus ticketless, discipline, digital india	Kalaivani P	VENKATE RAMANAN M (20CSR232) SIBIRAJ M (20CSR197) SANTHOSH VB (LATERAL) VISHNU KUMAR K (20CSR237)
PANEL 5				
20ID61	Voudermout	SMART AND SECURED NET BANKING	Dr.K.Kousalya	THAMIZ SELVAN A (20CSR220) VEDAVIYAS KS (20CSR220) SWARNA L (20CSR220) VIJAYALAKSHMI S (20CSR235)
20ID62	TEAM NAIROBI	REPLACING WATER TRANSPORT INSTEAD OF ROAD TRANSPORT	Dr.K.Kousalya	VEDAVIYAS K S (20CSR231) SWARNA L (20CSR220) THAMIZSELVAN A (20CSR224) VIJAYALAKSHMI S (20CSR235)
20ID63	Technical Wizards	automated water over flow controller using solar	S.Mohanapriya	SUBASHAKTHI.T (20CSR210) VIVEHA C (20CSR240) VISHNUDA PK (20CSR238) VARSHNI M (20CSR228)
20ID64	TITANS	CAR AUTOMATION	R.S.Shudapreyaa	SURENDIRAN S (20CSR218) SAYEEM SHOWKET (20CSR245) SNOBAR MOHI UD DIN (20CSR246) ZAHIDA NAZIR (20CSR244)
20ID65	Cheer Up Souls	you tell we search	Dr.R.C.Suganthe	SUVEETHA M (20CSR219) UVAROOBINI S (20CSR226)
20ID66	Team soul	Mobile Application That Keeps Medical Report/History Of Students	Dr.P.Vishnu Raja	SUDHAN ED (20CSR211) THAMBIRAJ V (20CSR223) NITHESHKUMAR T (20CSL007) SANTHOSH S (20CSR188)
20ID67	Bluevlockers	A mobile app for scanning expiry date of the product using QR code	S.Mohanapriya	SHYAM SUNDER J (20CSR196) SATESH KUMAR R (20CSR190) Shanjana R S (20CSR193) Saran S (20CSR189)
20ID68	Future builders	Book reader	K.Nithya	NAVEEN A M (20CSR136) POORNASENTHUR M (20CSR148) RANJITH KUMAR M

				(20CSR168) PRANESH ROSHAN N V (LATERAL)
20ID69	Phoenix	Smart garbage collection	V.Manimaran	RAHUL V (20CSR161) MUKILAN T (20CSR129) RANJITH KUMAR E (20CSR167) SABARISH K (20CSR174)
20ID70	BACK STREETERS	AGRICULTURE	MUTHURAJA	RAGURAM P (20CSR160) ROHIT KUMAR R (20CSR172) SADANATH D (20CSR175) MOHANRAJ A (20CSL006)
20ID71	TRES ESPADA	NOT FINALISED	RAMYA	SANJEEV A (20CSR184) RAMANATHAN A C (20CSR165) SAKTHI SUNDARAM A (20CSR178)
20ID72	PHANTHOM MAKERZ	DATA EFFICIENT ROBOT REINFORCEMENT	C JAYASURIYA	POOJA G (20CSR147) RAGUL V (20CSR158)
18ID01	Innovators	Detection of Hate Speech and Offensive Language	Dr.S.Malliga	GOWTHAMKRISHNAN S (18CSR050) DEEPTI R (18CSR030) ADHITHIYA G J (18CSR004)
18ID02	Agri innovators	Agri Evolution	Dr.K.Sangeetha	MANGALA PRASATH (18CSR101) MOHAN P (18CSL247) PREETHEES S (18CSR147) SAKTHI S (18CSR168)
18ID03	EASY THINGS	HAND GUSTEURE	DR. P.C.D KALAIVANI	NANDHA KUMAR S (18CSR116) kumaresan R (18CSR091) MANOOWRANJITH A J (18CSR104)
PANEL 6				
19ID01	Chosen Ones	Health bot	S.Mohana Saranya	DHARSHINI R (19CSR038) GURUDEEPA R (19CSR048)
19ID02	Tech phantoms	Pre and post natal	S.Mohana Saranya	ABISHANKARI S (19CSR003) DHANA SRE M (19CSR028) DHIVYA S (19CSR040)
19ID03	Sparklers	Speech Emotion Recognition	J.Gowthami	ABINAYA C (19CSR002) BOOMIKA R B (19CSR018) DEEPTHI N (19CSR026) RINISHA K (19CSR158)
19ID04	Rainbow warriors	Blood bank management system	Dr.E.Gothai	DHANVARSINI P (19CSR031) BHARATHI S (19CSR016) DEEPIKA P (19CSR025) DHIVYA A (19CSR039)
19ID05	4 wonders	student sky	J.Gowthami	HARISHRAAJ S (19CSR057) DHARANEESH K T (19CSR033)

				GOGHUL S (19CSR043) GANESHKUMAR S (19CSR042)
19ID06	Warriors	Placement Management System	S.A.Sowmiya	DEVA P (19CSR027) DEEPADHARSHINI S (19CSR024) HARIS S (19CSR054)
19ID07	CREW	DIGITAL MENU FOR RESTAURANTS	Dr.E.Gothai	DHARANESH S (19CSR034) DHARANI R (19CSR035)
19ID08	Data Saviours	Data encryption	Dr.P.Priakanth	HARIHARAN T (19CSR053) AMAL HADEEZ F (19CSR008) HARI VIGNESH KG (19CSR051) DIVYA S (19CSR041)
19ID09	Beyond Infinity	Student's Credit monitoring system	Dr.S.Malliga	DEVA P (19CSR027) SATHANA V (19CSR182) SARAN E (19CSR177) SRI RAKESH K (19CSR191)
19ID10	A4	Chatbot for College Website	P.S.Nandhini	AKSHAY PRABU V S (19CSR007) ARUN G (19CSR011) AATHISH R (19CSR001) ASHWANTH V PRAVEEN (19CSR014)
19ID11	WRECKING CREW	Data storage using blockchain	P.S.Nandhini	HARISH KP (19CSR056) DHARANIDHARAN R (19CSR037) DHANA SREE R (19CSR029) DHARANI G (19CSR036)
19ID12	Zeta	Student's Corner	S.A.Sowmiya	CHARANRAJ T (19CSR021) CIBIKUMAR M V (19CSR022)
19ID13	Generation-Z	Students Mark's Analysis	Dr.P.Priakanth	Akash M (19CSR006) Gowri P (19CSR046) Harisudhan S (19CSR058)
19ID14	Gen-z	Online Job Portal	Dr.R.R.Rajalaxmi	Ashok R (19CSR013) Danushraj K S (19CSR023) Aravindh T (19CSR009) ARCHANA S (19CSR010)
19ID15	Trouble shooters	childhood welfare	Dr.N.Shanthi	HAREESH RAJ R (19CSR049) GOKULA KANNAN G (19CSR044) HARI PRASATH P (19CSR050) ABISHEK A (19CSR004)
19ID16	Trouble Makers	Not confirmed	K.Pugazharasi	Dharaaneshwaran S (19CSR032) Hariharan G (19CSR052) Gowtham V (19CSR047) Arun Prabu A S (19CSR012)
19ID17	Four champs	Bus tracker system	M.Geetha	Aishwarya k (19CSR005) Brindha G (19csr019) Boomika E B B (19csr017) Haritha S (19csr059)
19ID18	Realm	Monocular 3D Object detection	PCD.Kalaivaani	KAVINBHARATHI A (19CSR084) MANOJKUMAR P

				(19CSR103) MAAMATHI K (19CSR097) SWETHIKA RAMESH (19CSR205)
PANEL 7				
19ID19	Amigos	Sentimental analysis	Dr.K.Kousalya	MADHUMITHA E (19CSR099) KOUSALYA R V (19CSR090) MADHESAN G (19CSR098) NANDHA KISHORE K C (19CSR115)
19ID20	AI stars!	Sign language (actions) to text conversion using Machine Learning	S.Ramya	JEEVIKA P S (19CSR073) HARSHINY A (19CSR061) KAVIBHARATHI B (19CSR080) KEERTHANA R (19CSR088)
19ID21	Noob Monks	EDITH - A Project Management Portal	Vani Rajasekar	INDRAJITH M (19CSR065) MATHIARASI N (19CSR105) KALANJIYA VISHNU J (19CSR074) NAISHAD M (19CSR114)
19ID22	Glittering champ	Fake accounts remover	S.Ramya	JAGADEESWARAN V V (19CSR068) MAHESHVAR A (19CSR100) KAVINSRI K (19CSR085) KAVIN T (19CSR083)
19ID23	Software Chasers	Covid-Health Care	Santhiya.S	R.HARSHIT (19CSR062) MARIMUTHU.P (19CSR104) M.MOHAMED ROSHAN (19CSR108) MUGILAN.M (19CSR111)
19ID24	Mind Crusaders	Chatbot for support system.	Dr.S.Malliga	MANODHARSHINI S (19CSR101) KOWSALYA S (19CSR091) MONISHA A (19CSR110) KRITHIKA THARANI A S (19CSR093)
19ID25	Nothing is impossible	Smart stick	S.Anbukkarasi	GOKULA KRISHNAN K (19CSL238) NIRMAL C (19CSL240) MUTHU PRIYANKA R (19CSR112) JAYARAM S (19CSR071)
19ID26	Rule breakers	Speech reconising into text conversion	S.Anbukkarasi	HEMALATHA P (19CSR063) ISHWARYA S (19CSR066) KAVIN M (19CSR081) MOHNESH RK (19CSL239)
19ID27	Binary Buds	Intra College Networking System	PCD.Kalaivaani	KAVYAPRIYA.J.G (19CSR087) KOWSIKA.C (19CSR092) MYTHILI.E (19CSR113) JANANI.N (19CSR069)
19ID28	Bot Coders	Mr.VIP	Dr.K.Kousalya	Indhu Prakash K V

				(19CSR064) Karan N S (19CSR076) Rajkumar M (19CSL242) Pravin L (19CSL241)
19ID29	iconic	PREDICTION OF VACCINATED CUSTOMER IN PUBLIC ENVIRONMENT	Dr.K.Dinesh	OVIYA D (19CSR130) NANDHINIDEVI S (19CSR119) NANTHINI P L (19CSR120) NANDHIDHA G C (19CSR118)
19ID30	Save-iors	Student's tracker	K.S.Kalaivani	RAVICHANDRAN B (19CSR155) PRAVIN KUMAR S (19CSR144) PREMA M (19CSR147) PRIYADHARSHINI S (19CSR149)
19ID31	Pseudo Boom	ID ringing alarm-Covid	Dr.R.C.Suganthe	PREETHIKA.S (19CSR146) JAYAKUMAR.S (20CSR082) KANEESHKA.S (19CSR075) RITHANE.K.S (19CSR161)
19ID32	BYGGR	Study Material Management	S.Gayathri	RAVEEN A (19CSR154) ROBIN J (19CSR163) NISHANTH S (19CSR124) RAGURAM G P (19CSR150)
19ID33	CRAZY CRACKERS	AC APPLICATION	S.Santhoshkumar	VISHNU KIRAN M (19CSR224) SRIVARSHAN .T (19CSR194) THARUN PRASAD A (19CSR208) SRI BALAJI M (19CSR190)
19ID34	Amigos	Virtual Voting	M.K.Dharani	SOWBHAKIAN ES (19CSR189) VIGNESH S (19CSR219) VIGNESH L (19CSR220) VISHNU T (19CSR226)
19ID35	Amazing Crew	Food Waste management	K.Nithya	HO
19ID36	The Titans	Assistive Tech for Vision Impaired Individuals	K.Venu	UVETHA V (19CSR212) SWATHY G (19CSR204) SHANMUGA PRIYA S (19CSR185) USHANANDHINI R (19CSR211)
PANEL 8				
19ID37	Quad Squad	Voice based e-mail System for Blinds	B.Krishnakumar	SUBALAKSHMI G (19CSR197) SUJA S (19CSR201) VARSHINI K S (19CSR215) THAARANI S (19CSR207)
19ID38	Futuristic Creators	Accident Surveillance	S.Santhoshkumar	Sriraam R V (19CSR193) Tanuj Kumar M (19CSR206) Vijai K S (19CSR222) Vishnu M K (19CSR225)
19ID39	ACES	MED KIT BUSINESS PLAN	Muthuraja.M	Vishwa Harish D S (19CSR227)

				Sudharsan N (19CSR199) Manish Kumar R (19CST233) Yogeshwaran R (19CSR230)
19ID40	Mind Blenders	Realtime video processing using chromakey (GREENSCREEN EFFECT)	K.Venu	Vedhapriya S (19CSR217) Saranya A (19CSR180) Vidyakeerthi SU (19CSR218) Yogapriya S (19CSR229)
19ID41	Goal Diggers	VEHICLE TO VEHICLE COMMUNICATION FOR ACCIDENT PREVENTION	Dr.S.K.Nivetha	Sathiya Shri N (19CSR183) Santhosh G (19CSR175) Subhiksha S (19CSR198) Sudharshini B (19CSR200)
19ID42	EXCEPTIONAL ERRORS		Kavitha.K	NANDHAKUMAR R G (19CSR117) PRANESH V R (19CSR143) SAKTHIVISHNU (19CSR166) SANJITH M (19CSR173)
19ID43	TECH HERMANOS		MS. S MOHANA PRIYA	RICHARD JOYAL G (19CSR157) PREMNATH S (19CSR148) RAHUL S (19CSR151) RANJITH K S (19CSR153)
19ID44	MULTIPLAYER GAME		Manimaran.V	POORVA KOWSHIK V S (19CSR134) PRAVIN KUMAR P (19CSR143) PAVITHRAN M (19CSR132) RITHANI A M (19CSR162)
19ID45	IDEA SPARKLERS		Dr.N.Shanthi	PRAJEETH M (19CSR136) NITHIESH B (19CSR125)
19ID46	AMINGOS		MOHANA PRIYA[CSE C]	RESHMA S (19CSR156) PRAGATI SHANTARAM JADHAV (19CSR135) NIVVEYDHAA S P (19CSR128) SANDHIA K (19CSR170)
19ID47	FOUR LOOP		Dr.P.Jayanthi	RANJITH C (19CSR152) NOOR ARFIN (19CSR129) SRIVARSHAN S (19CSL247) SASIKAMBIGA C J (19CSL245)
19ID48	ONLINE FOOD BOOKING		Dr.K.Nirmala Devi	PRAVIN B (19CSR142) RISHI B (19CSR159) SAMITHRAJ K (19CSR167) SANJEEV S (19CSR171)
19ID49	TRENDY TECHS		Dr.S.V.Kogilavani	NIVAS S (19CSR127) PRAVEEN B (19CSR140) PRANESH T (19CSR137) ROHIT M (19CSR164)
19ID50	AMIGOS		S.Mohanapriya	SANDHIYA K (19CSR170) RESHMA S (19CSR156)

				NIVVEYDHAA S P (19CSR128) PRAGATI SHANTARAM JADHAV (19CSR135)
19ID51	SENCILLO	YET TO BE DECIDED	Dr.P.Keerthika	BHARANI S (19CSR015) BHARANI DHARAN M (19CSL234) DHARANISH K C (19CSL235) DHIVAKAR (19CSL236)
19ID52	Black Knights	YET TO BE DECIDED	Vani Rajasekar	KARTHICK R (19CSR078) LOGESH R (19CSR095) JAYACHANDRAN P (19CSR070) JAYESH KRISHNA K (19CSR072)

SHORTLISTED TEAMS:

Team ID	Team Name	Title of the idea	Mentor Name	Team Members
20ID03	Gk	F2C	Dr.E.Gothai	GOKULKRISHNA R (20CSR063)
20ID04	Team Agri	Telegram bot	N.Sasipriyaa	GOKULAKANNAN. A (20CSR062)DHILEEP. A (20CSR043)GOKUL. R (20CSR059)BALAMURUG AN. R (20CSR027)
20ID06	Omnipotents	Building Blocks	Dr.R.Manjula Devi	CHARAN R (20CSR033)CIBI CHAKRAVARTHY M (20CSR034)DARSHAN S (20CSR036)
20ID08	Team alpha	Student counselling system	Dr.R.S.Mohana	AATARSH K. M (20CSR004)ANISH R. M (20CSR016)BALAJI. S (20CSR026)
20ID11	Spartan	Health_report	Dr.S.V.Kogilavani	ASWATHI S (20CSR024)BHAVISHYA C (20CSR029)BRINDHA V (20CSR031)NIL (NIL)
20ID14	Smart 4	Student info system	B.Krishnakumar	LOKESWARAN SS (20CSL002)AADISH.N (20CSR001)GOKUL K (20CSR057)ARAVINDH V (20CSR019)
20ID15	Tech minds	Traffic rules cracker	Santhosh.C	DEV R B (20CSR037)DHANUSH K (20CSR039)DEVAL A (20CSR038)KARTHICK S (20CSL001)

20ID18	STRESS BUSTERS	OTT AND CHILL	Dr.P.Jayanthi	GOKUL.S (20CSR060)AFEEF THAMEEM.S (20CSR010)GOKUL.S (20CSR060)
20ID20	204	Yet to be formulated	Jayasurya.A.S	Aji Ashwathram SP (20CSR014)
20ID22	The Squad	Digital Scorer	S.Santhoshkumar	JAINTH A (20CSR077)LOGESHWAR AN.A (20CSR108)GUGHAN.R (20CSR069)KEERTHI.J (20CSR095)
20ID23	Fantastic 4	Food billing	P.Santhiya	MITHUN M (20CSR120)LAVANYA D (20CSR106)KARTHIKHEY AN A V (20CSR087)KAVYA R (20CSR093)
20ID28	ONLY THREE	BUS MANAGEMENT SYSTEM	C.Sagana	PRAVEEN RAJ KUMAR T (20CSL004)MATHIYALAG AN M (20CSR118)MAGENDRAP RASAT M G (20CSR113)
20ID31	G2L2	CARD LESS PAYMENT IN ATM	T.Kumaravel	GOWTHAM N (20CSR065)GOWTHESH D (20CSR068)LOHITH S (20CSR111)LINTHESHW AR S (20CSR107)
20ID35	G-Med	MEDI-Quick	Dr.R.S.Latha	Gowtham V (20CSR067)Kavya Shruthi V (20CSR094)Karuppuchamy R (20CSR088)Kirubaaharan S (20CSR098)
20ID37	Out of the world	Yet to be formed	M.Sangeetha	Kiruthick Kumar K (20CSR100)Ranjith Kumar M (20CSL003)Kavin Kirushna R (20CSR089)Jaikanth S (20CSR076)
20ID39	Met-A-Four	Effective internet	S.Mohana Saranya	MUKIL M (20CSR128)MURALIDHARRAN S S (20CSR130)MUHAMMED ASHRAF S (20CSR127)NISANTH D (20CSR139)

20ID43	CONQUERORS	HOME FINDER FOR FAMILY	S.Selvaraj	NAGUL K.S (20CSR131)NEERAJ M (20CSR137)PRIYADHARS HINI K (20CSR155)SAHITHYA B A (20CSR177)
20ID45	SQUAD	WATER, OUT OF THIN AIR	D.Deepa	RENISH RAJA S M (20CSR169)PRAKATESH B (20CSR150)RAJASURYA R (20CSR162)NAVANEETH S B (20CSR134)
20ID46	Gryffindor	A Mobile App for Assisting Farmers using AI	B.Bizu	PRANESH T (20CSR151)NIVETHA V (20CSR143)PAVITHRA K (20CSR146)PADHMASHR EE K N (20CSR144)
20ID48	Queen bees	Ambulance management system	S.Gayathri	PRIYADHARSHINI.R (20CSR156)NANDHITHA. K (20CSR133)NISHANTHI.C (20CSR140)PRIYADHARS HINI.S (20CSR157)
20ID49	GLITCH X4	Theft and their identification by deep learning	D.Deepa	NAVANEETHA KRISHNAN V R (20CSR135)RAKESH R J (20CSR163)SANCHITH C S (20CSR182)SANJAY B (20CSR183)
20ID50	Innovative Members	Camera based	S.Selvaraj	SABAREESH A H (20CSR173)NIKASH J (20CSR138)SADHASIVA M K V (20CSR176)PRAKASHRA J (20CSR149)

20ID54	FREE THINKERS	NUTRITION DEFICIENCY DETECTOR	K.Tamil Selvi	SIVASANKAR B (20CSR200)SANTHOSH A (20CSR186)SENTHILVEL K (20CSR192)SUMAN J (20CSR216)
20ID55	The Fantastic Four	Web App Development	K.S.Kalaivani	SOWMIYA S (20CSR202)SAUMYA S (20CSR191)SUPRAJA A (20CSR217)SOWMIYA N (20CSR203)
20ID56	TEAM BERLIN	Stock Decisions	K.Venu	VISWA V (20CSR239)VAIBHAV S (20CSR227)YOGAVARSHAN S (20CSR241)SHARATH S (20CSR194)
20ID61	Voudermout	SMART AND SECURED NET BANKING	Dr.K.Kousalya	THAMIZ SELVAN A (20CSR220)VEDAVIYAS KS (20CSR220)SWARNA L (20CSR220)VIJAYALAKSHMI S (20CSR235)
20ID63	Technical Wizards	automated water over flow controller using solar	S.Mohanapriya	SUBASHAKTHI.T (20CSR210)VIVEHA C (20CSR240)VISHNUDA PK (20CSR238)VARSHNI M (20CSR228)
20ID65	Cheer Up Souls	you tell we search	Dr.R.C.Suganthe	SUVEETHA M (20CSR219)UVAROOBINI S (20CSR226)
19ID02	Tech phantoms	Pre and post natal	S.Mohana Saranya	ABISHANKARI S (19CSR003)DHANA SRE M (19CSR028)DHIVYA S (19CSR040)
19ID05	4 wonders	student sky	J.Gowthami	HARISHRAAJ S (19CSR057)DHARANEES H K T (19CSR033)GOGHUL S (19CSR043)GANESHKUMAR S (19CSR042)

19ID10	A4	Chatbot for College Website	P.S.Nandhini	AKSHAY PRABU V S (19CSR007)ARUN G (19CSR011)AATHISH R (19CSR001)ASHWANTH V PRAVEEN (19CSR014)
19ID22	Glittering champ	Fake accounts remover	S.Ramya	JAGADEESWARAN V V (19CSR068)MAHESHVAR A (19CSR100)KAVINSRI K (19CSR085)KAVIN T (19CSR083)
19ID23	Software Chasers	Covid-Health Care	Santhiya.S	R.HARSHIT (19CSR062)MARIMUTHU. P (19CSR104)M.MOHAMED ROSHAN (19CSR108)MUGILAN.M (19CSR111)
19ID24	Mind Crusaders	Chatbot for support system.	Dr.S.Malliga	MANODHARSHINI S (19CSR101)KOWSALYA S (19CSR091) MONISHA A (19CSR110)KRITHIKA THARANI A S (19CSR093)
19ID27	Binary Buds	Intra College Networking System	PCD.Kalaivaani	KAVYAPRIYA.J.G (19CSR087)KOWSIKA.C (19CSR092)MYTHILI.E (19CSR113)JANANI.N (19CSR069)
19ID28	Bot Coders	Mr.VIP	Dr.K.Kousalya	Indhu Prakash K V (19CSR064)Karan N S (19CSR076)Rajkumar M (19CSL242)Pravin L (19CSL241)
19ID33	CRAZY CRACKERS	AC APPLICATION	S.Santhoshkumar	VISHNU KIRAN M (19CSR224)SRIVARSHAN .T (19CSR194)THARUN PRASAD A (19CSR208)SRI BALAJI M (19CSR190)
19ID37	Quad Squad	Voice based e-mail System for Blinds	B.Krishnakumar	SUBALAKSHMI G (19CSR197)SUJA S (19CSR201)VARSHINI K S (19CSR215)THAARANI S (19CSR207)
19ID38	Futuristic Creators	Accident Surveillance	S.Santhoshkumar	Sriiram R V (19CSR193)Tanuj Kumar M (19CSR206)Vijai K S (19CSR222)Vishnu M K (19CSR225)
19ID39	ACES	MED KIT BUSINESS PLAN	Muthuraja.M	Vishwa Harish D S (19CSR227)Sudharsan N (19CSR199)Manish Kumar R (19CST233)Yogeshwaran R (19CSR230)
19ID41	Goal Diggers	VEHICLE TO VEHICLE COMMUNICATION FOR ACCIDENT PREVENTION	Dr.S.K.Nivetha	Sathiya Shri N (19CSR183)Santhosh G (19CSR175)Subhiksha S (19CSR198)Sudharshini B (19CSR200)

19ID42	EXCEPTIONAL ERRORS			NANDHAKUMAR R G (19CSR117)PRANESH V R (19CSR143)SAKTHIVISH NU (19CSR166)SANJITH M (19CSR173)
20ID67	Bluevlockers	A mobile app for scanning expiry date of the product using QR code	S.Mohanapriya	SHYAM SUNDER J (20CSR196)SATESH KUMAR R (20CSR190)Shanjana R S (20CSR193)Saran S (20CSR189)
20ID69	Phoenix	Smart garbage collection	V.Manimaran	RAHUL V (20CSR161)MUKILAN T (20CSR129)RANJITH KUMAR E (20CSR167)SABARISH K (20CSR174)
18ID03	EASY THINGS	HAND GUSTEURE	DR. P.C.D KALAIVANI	NANDHA KUMAR S (18CSR116)kumaresan R (18CSR091)MANOOWRA NJITH A J (18CSR104)
19ID47	FOUR LOOP	FOOD WASTE MANAGEMENT		RANJITH C (19CSR152)NOOR ARFIN (19CSR129)SRIVARSHAN S (19CSL247)SASIKAMBIG A C J (19CSL245)
19ID36	The Titans	Assistive Tech for Vision Impaired Individuals	K.Venu	UVETHA V (19CSR212)SWATHY G (19CSR204)SHANMUGA PRIYA S (19CSR185)USHANANDHINI R (19CSR211)
19ID32	BYGGR	Study Material Management	S.Gayathri	RAVEEN A (19CSR154)ROBIN J (19CSR163)NISHANTH S (19CSR124)RAGURAM G P (19CSR150)
19ID30	Save-iors	Student's tracker	K.S.Kalaivani	RAVICHANDRAN B (19CSR155)PRAVIN KUMAR S (19CSR144)PREMA M (19CSR147)PRIYADHARSHINI S (19CSR149)
19ID25	Nothing is impossible	Smart stick	S.Anbukkarasi	GOKULA KRISHNAN K (19CSL238)NIRMAL C (19CSL240)MUTHU PRIYANKA R (19CSR112)JAYARAM S (19CSR071)

PRIZE WINNERS LIST

Idea presentation

KONGU ENGINEERING COLLEGE, PERUNDURAI
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CIRCULAR

DATE : 18.10.2021

This is to inform that the following project teams are shortlisted from the Ideathon 2021, conducted on 09.10.2021(phase 1) and 16.10.2021 (phase 2).

Team ID	Team Name	Title of the idea	Mentor Name	TEAM LEADER NAME	TEAM LEADER ROLL NUMBER	WhatsApp Number of Team Leader	Team Members	PRIZE
19ID05	4 WONDERS	STUDENT SKY	J.GOWTHAMI	HARISHRAAJ S	19CSR057	9003673507	HARISHRAAJ S (19CSR057) DHARANEESH K T (19CSR033) GOGHUL S (19CSR043) GANESHKUMAR S (19CSR042)	I
19ID39	ACES	MED KIT BUSINESS PLAN	MUTHURAJA.M	VISHWA HARISH D S	19CSR227	7010632994	VISHWA HARISH D S (19CSR227) SUDHARSAN N (19CSR199) MANISH KUMAR R (19CSR233) YOGESHWARAN R (19CSR230)	II
20ID35	G-MED	MEDI-QUICK	DR.R.S.LATHA	GOWTHAM V	20CSR067	6379306614	GOWTHAM V. (20CSR067) KAVYA SHRUTHI V (20CSR094) KARUPPUCHAMY R (20CSR088) KIRUBAAHARAN S (20CSR098)	II
20ID48	QUEEN BEES	AMBULANCE MANAGEMEN T SYSTEM	S.GAYATHRI	PRIYADHARSHINI. R	20CSR156	9566334503	PRIYADHARSHINLR (20CSR156) NANDHITHA.K (20CSR133) NISHANTHLC (20CSR140) PRIYADHARSHINLS (20CSR157)	III
20ID49	GLITCH X4	THEFT AND THEIF IDENTIFICATI ON BY DEEP LEARNING	D.DEEPA	NAVANEETHA KRISHNAN V R	20CSR135	9345528790	NAVANEETHA KRISHNAN V R (20CSR135) RAKESH R J (20CSR163) SANCHITH C S (20CSR182) SANJAY B (20CSR183)	III

Project Expo - Overall Coordinator

HOD/CSE

OVERALL REPORT OF THE ACTIVITY

Department of Computer Science and Engineering Association and Institution Innovation Council collaborated and organized an event "IDEATHON 2021". The event was very well grasped by aspiring students and concluded successfully. This event helped the students gain knowledge of problems around them and thinking. As the event was very interesting, students energetically participated and won exciting prizes.

IDEATHON 2021 – FT Report

Overview:

Objective:

The Intra College level event "IDEATHON'21" organized by Department Association and Institution Innovation Council (IIC) on 4th October 2021 through online and physical mode. This event is organized with the objective to provide platform for the students to showcase their talent with a competitive spirit on their innovative idea.

Theme:

- Product Development
- Process Modification
- By product/waste Utilization

Technical Events:

Idea Presentation : 35 Teams

Event Description:

In Idea presentation, all ideas were accepted and shortlisted through review. Participants were made to present their ideas and questions were asked based on their presentations. Shortlisted team will participate in proof of concept which will be conducted on 28.10.2021.

Session plan/Brochure/Circulars (if any)



KONGU ENGINEERING COLLEGE
DEPARTMENT OF FOOD TECHNOLOGY
FOOD TECHNOLOGY ASSOCIATION
in association with
INSTITUTION'S INNOVATION COUNCIL ,KEC

KEC IDEATHON 2K21
'Exclusive for FT students'

PRIZE MONEY :
1ST PRIZE - Rs.3000
2ND PRIZE - Rs.2000
3RD PRIZE - Rs.1000

**THEME : Product Development
Process Modification
By Product/Waste Utilization**

Proof of Concept (PoC) contest will be conducted for Shortlisted team

Last Date for Idea submission : 27.09.2021(12:30pm)
Link for Submission : <https://forms.gle/wW7t7vgZFEn458fb6>
Team Member : 3 (Max)

Faculty Co-Ordinators: Ms.K.Manonmani AP/FT
Mr. V.Arun Joshy AP/FT
Ms.A.Sangeetha AP/FT

Proof of concept:



Kongu Engineering College, Perundurai-638060

School of Chemical and Food Sciences



Department of Food Technology

CIRCULAR

Date: 9/10/2021

Proof of Concept (PoC) has been planned to conduct on 28/10/2021 in continuation with IDEATHON 2K21. All the participants of Ideathon 2K21 were asked to present their working model/product/innovation during the event. Winner of the event will be awarded with cash prize.

Ist prize: Rs. 5000/-

IInd prize: Rs. 3000/-

IIIrd prize: Rs. 2000/-

Requirements for the event:

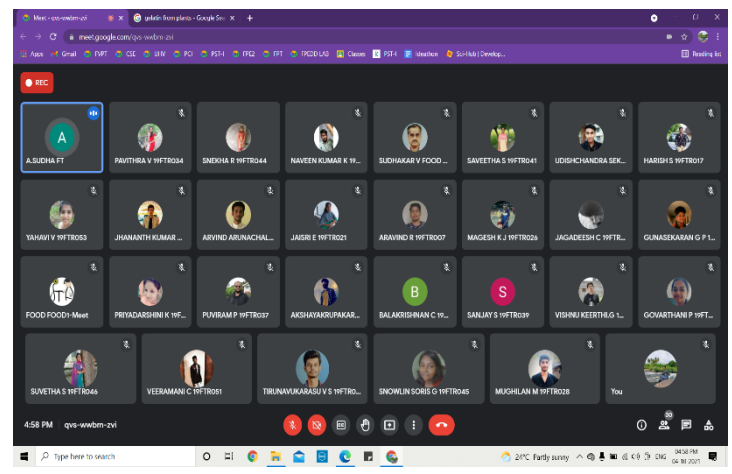
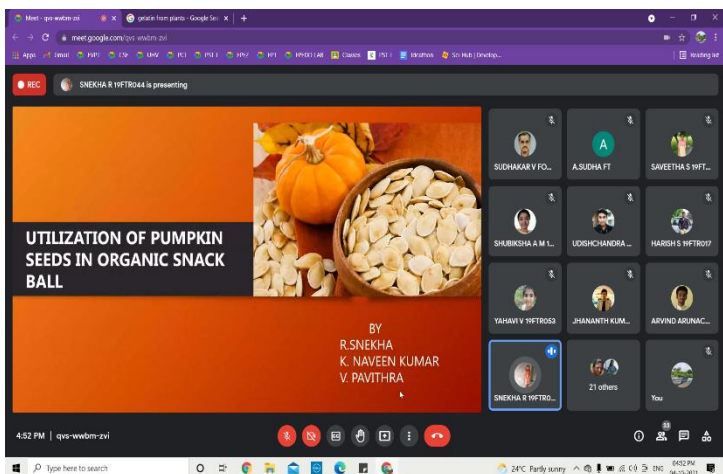
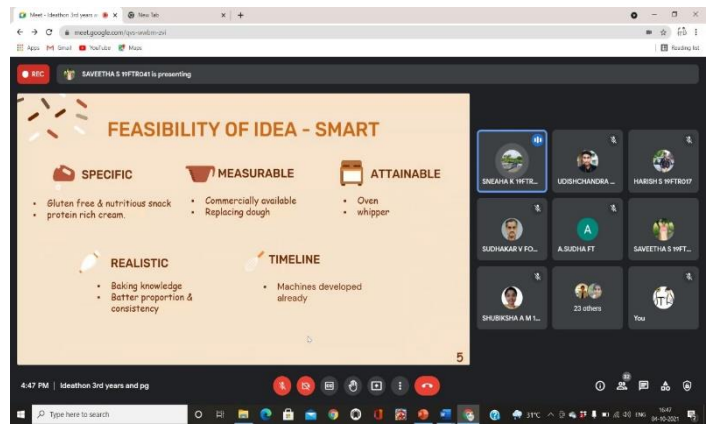
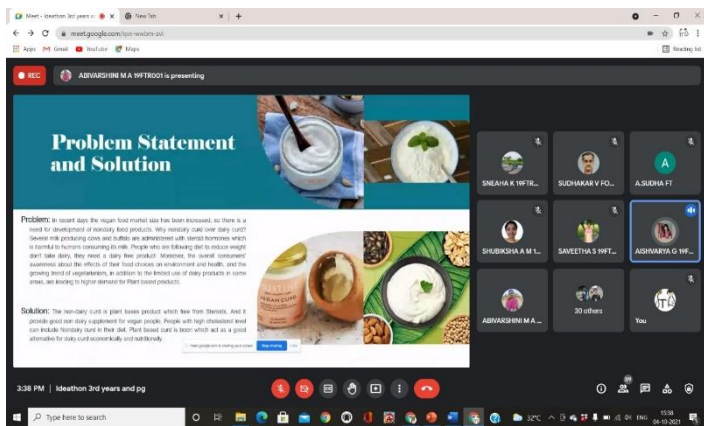
1. Product display.
2. Explanation of the product/innovation (Colour printouts can be used)
3. One page abstract (250 words max.) - format for abstract will be circulated shortly.

A. S. M. / 9/10/21
H. M. / 9/10/21
Faculty Co-ordinators.

Chinn / 9/10/2021
HOD/ Food Technology

Attachments:

EVENT NAME	GOOGLE MEET LINK
PROJECT PRESENTATION	Third years (04.10.21)- Timing 3.30-4.30pm (online) Google Meet joining info Video call link: https://meet.google.com/qvs-wwbm-zv



Participation list:

Kongu Engineering College, Perundurai

Department Of Food Technology

Food Technology Association

Ideathon – 2k21

Date: 07.10.2021

Event: Idea Presentation

Year of study: II

Staff In charge: Mrs. A Sangeetha

Mrs. K Manonmani

S.No	Name of the team lead	Name of the members	Title
1.	Dhanushree S K	Saranya R, Varshini V	Tender coconut jelly
2.	Gobiga K	Jeevabharathi C, Rakesh Sharma H	Formulation of fiber enriched cake using pineapple peel flour and watermelon rind flour
3.	E. Sri ragav	B. Shalini, V I Maheshwari	Low glucose meal
4.	Mohalatha R	Avanthik R, Santhoshkumar S	Pulse light unit
5.	Rathi preethi S	Sangeetha k, Varssha J	Wonders with waste - Banana peel toffee in its blossom plate
6.	Sathya K V	Rubika, Kadhir	Utilization of egg shell waste for preparation of calcium fortified biscuits
7.	Ummul athiya sheik irshath ali	Jaya kishor S, Varnith S	Peel fresh cookies
8.	Vijay V	Rohit sharma S S, Venketeshkumar	Wonders with waste – mango peel

Date: 04.10.2021

Event: Idea Presentation

Year of study: III

Staff In charge: Dr. A Sudha

Dr. V Sudhakar

S.No	Name of the team lead	Name of the members	Title
1.	Aishvarya G	Abivarshini M A, Hema S	Non – diary curd from rice and peanut
2.	Thirumal. S	Sanjay. S, Veera mani. C	Iron pro mix
3.	Vishnu keerthi G	Tirunavukarasu V.S, Guna sekaran G P	Jaggery nuts spread
4.	Jagadeesh .C	Aravind R, Magesh K J	Banana leaf candy
5.	Jaisri E	Govarthani P, Poovizhi N	Making eco-friendly bags from waste peels of fruits and vegetables
6.	Juneswar. M	Arvind Arunachalam. T, Jhananth kumar. R	Java plum seed chakli (murukku)
7.	S. Harish	Udishchandra Sekar.V, Yahavi.V	Punch pro cookie
8.	Saveetha S	Shubiksha A M, Sneha K	Neutri wafer: Healthy snack
9.	R Snekha	V.Pavithra, K Naveenkumar	Unitization of pumpkin seeds in sprouted grain powder ball
10.	Suvetha S	Priyadarshini K, Snowlin Soris G	Formulation of value enriched probiotic fruit yogurt
11.	Akshayakrupakaran V	Balakrishnan C, Mughilan M	Extraction of color pigment and pectin from grape pomace for edible film and coating production

Date: 04.10.2021

Event: Idea Presentation

Year of study: IV

Staff In charge: Mr. J Jony Blessing Manoj

Mr. V Arun Joshy

S.No	Name of the team lead	Name of the members	Title
1.	Angelin Christina.E	Brindha.E, Anuradha.G	Preparation of bio composite film using chitosan and water kefir grains
2.	Anjali Kushwaha S	Kanagarshini P B, Monicca.A	Preparation of plant-based meat patties using <i>Arthocarpus heterophyllus</i>
3.	Nitish Kumar T	A A Kaarthi Vijaay, A Bhuvanram	Sprouted wheat cookies enriched with cotton seed flour
4.	P Deepika	M.Dhevasena, M Aarthi	Development of jelly from egg albumin
5.	Harini D	Navin V, Shuvarna Shveta K	Development of low glycemic index traditional RET snack
6.	Sana Fathima C N	Keerthana.G, Gangadharan.P	Back rice balls
7.	V. Sabitha	B. Nehaa, R. Mathushree	Development of edible ink with apricot
8.	Pradeepa P	Aswini Priya M S, Rohit Srivatsan J	Development of quinoa – soy milk-based jelly
9.	Ridwan V M	Kavin Kumar G, Rishvanth A	Edible packing material from waste
10.	Rushwanth Roshan A D M	Geethanjali S K, Keerthana G	Automated atherosclerosis maker
11.	S Jishanthikapriya	R Sathiya Rajeswari, K Shyarlin Niji	Ready to eat frozen red rice momos
12.	Sandeep Kumar D	Suresh Krishna P	Watermelon ring candy
13.	Shalini K	L.Keerthi, S Suvetha (18ftr052)	Optimization of protein enriched cookies using grains and oils seed flour – a novel approach
14.	Vidyasree A	Mathu Nisha M S, Vasavii S	Utilization of guava grit to formulate breakfast cereal
15.	Poorani.E	Shobana, Yuvasri	Nutritious edible cutlery using pomaces – analog of single used plastic
16.	Saradha S	Architha A S, Pavithra S	Jackfruit cutter

Overall report of the activity:

Department of Food Technology Association and Institution Innovation Council collaborated and organized an event “IDEATHON 2021”. The event was very well grasped by aspiring students. This event helped the students gain knowledge of problems around them and critical thinking.

IDEATHON 2021 – EEE Report

Overview:

Objective:

The Intra department level event "IDEATHON'21" organised by Department Association and Institution Innovation Council (IIC) on 01.10.2021 through online and physical. This event is organised with the objective to provide platform for the students to showcase their talent in solving a problem through their innovative idea. The event was successful enough to attract 65 idea registrations under various themes.

List of Events:

Technical Events:

- Project Presentation : 65 Teams

Event Description:

Based on a set of themes, students were asked to select a problem. For the selected problem, they made their Idea presentation. The total teams were evaluated by 5 set of Panel members for their novelty and feasibility. Based on the evaluation, top 27 projects were selected for Proof of Concept (PoC) competition. Top 3 teams were awarded with cash prizes.

Session plan/Brochure/Circulars (if any)



The brochure is split into a blue left half and a yellow right half. The blue half features the KONGU ENGINEERING COLLEGE logo (Estd: 1984) and the text 'IDEATHON 2021'. It includes contact information for abstract submissions: 'Abstract Submission@ bitly.com/EEE_Ideathon_21' and 'Last date for submission - 26.09.21 (11.59 pm)'. It also lists social media handles for Instagram (@KEC.EEE) and Email (keceee1@gmail.com), along with a QR code. The yellow half features the KONGU ENGINEERING COLLEGE logo (Autonomous, Perundurai, Erode-638060) and the INSTITUTION'S INNOVATION COUNCIL logo. It states 'DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING IN ASSOCIATION WITH INSTITUTION'S INNOVATION COUNCIL ORGANISES AN IDEA PRESENTATION'. Below this is a cartoon character with a lightbulb idea, a progress bar with a question mark, gears, and a lit lightbulb, with the text 'SOLUTION IS LOADING...'. At the bottom, it lists 'Staff Coordinators' (Dr. S. ALBERT ALEXANDER | Mr. M. SURESH | Dr. V. SURENDAR | Dr. K. PRITHIVI) and a 'Student Coordinator' (S VINOTH KUMAR - 95005 79180).

Approval form:

Proposal Tracking No. _____

Dept. Ref. No.: **EE/2021-2022/010**

Date: **23.09.2021**

1. Department:	EEE		
2. a). Name of the Programme	Ideathon 2021 (EEE)		
b). Norms under which it is proposed			
3. Dates:	From : 28.09.2021	TO: 29.09.2021	No. of Days 02
4. Programme for:	Faculty	Students <input checked="" type="checkbox"/>	Others (Specify)
5. Level:	State / National / International	Association <input checked="" type="checkbox"/>	Institution / Dept. / Cell / General
6. Highlights of the Programme:	To provide a platform to the students to showcase their creative and innovative project ideas.		

1. Proposed Invitees:

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	—	—	—	—
2				

2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure:

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1	Prize Money	Rs. 6000/-			
2	Miscellaneous	Rs. 1000/-			
3					
4					
5					
6					
Total		Rs. 7000/-			

4. Source

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

1. *V.S.H*
 2. *K.Poithini*
 Faculty i/c (with Name)
 1. Dr. V. Sureshwar
 2. Dr. K. Poithini

A.S.La
 H.O.D. 23/9/21

CCO

PRINCIPAL

IDEATHON COMPETITION

Panel and Participations List:



KONGU ENGINEERING COLLEGE



Electrical and Electronics Engineering Association and Institution's Innovation Council KEC – IDEATHON 2021



Panel	No.of batches	Staff incharge	Location/meet link	Student in charge with contact number	Email id
A	14	Dr.R Meenakumari	SES 205	Vinothkumar.S - 9500579180	vinothkumars.18eee@kongu.edu
B	13	Dr.S.Usha	SES 207	Gokul R – 8270728274	gokulrajagounden@gmail.com
C	13	Dr.M.Karthik	https://meet.google.com/wxs-oipf-unf	Soundharavelan V - 6379569883	soundharavelanv.18eee@kongu.edu
D	13	Dr.S.Albert Alexander	https://meet.google.com/oze-jogi-bia	Kulothungan- 9698830195	kulothangans.18eee@kongu.edu
E	12	Dr.T.Logeswaran	SES 208	Sakthianand - 6381843760	sakthianandas.18eee@kongu.edu

Batch No	Name of the team leader	Name of the participant 2	Name of the participant 3	Name of the participant 4	Team lead mobile number	Year	Title of your IDEA	Area of your IDEA
A.1	ABIRAMI.K.P.	JAVIN.N.T.	KAMALESH.S.	KAVIN.R	9080226286	II - A	ADJUSTABLE KITCHEN SINK	ELECTRICITY AND SENSOR
A.2	AHEILAN M	ABDUL FASHIN A	AZHAGESHWAR F	SUJAY L	6382437124	II - A	ADAPTIVE AUTOMATED WATERING SYSTEM USING SOIL MOISTURE SENSORS AND VALVES	AGRICULTURE
A.3	AJITH R	HARISH KUMAR S	JAMES ISRAEL D	JAMUNADEVI K	6385712547	II - A	UPGRADED AUTOMATED CATTLE FEEDER	LIVESTOCK FARMING
A.4	AKSHAYA.M	AMEER JAHAN.S	KABILAN.S	BALA MURUGAN.R	6374425692	II - A	TEMPERATURE SENSITIVE LABELING OF MEDICINES	BIO MEDICAL
A.5	ARVINDVIGNESH P	KAVIMITRAA M	GNANA VEL V B	KARTHIK SOMASUNDARAM S	8144809900	II - A	EARTH CURRENT SENSING SYSTEM	POWER SYSTEM PROTECTION
A.6	ASHMITA R S	JEEVANSHARMA R	GOKULA KRISHNAN L	JAISHRI G V	8056487812	II - A	SMART PARKING SYSTEM	DIGITAL ELECTRONICS
A.7	ASWINI M	HARI PANDIAN M	GOWARSHINI B	HEMANTH KUMAR R	6385682331	II - A	PADDY AMPHI-HARVESTING MACHINE	AGRICULTURE
A.8	BALAMURUGAN.R	AMEER JAHAN.S	KABILAN.S	AKSHAYA.M	9944659566	II - A	ALARM SYSTEM TO PROTECT THE UNDERGROUND OPTIC FIBRES	INNOVATION FOR SMART CITIES
A.9	CIBIRAJ B	BARATHRAJ A M	KANISHK HARAN P	KANISHKA M	9025702067	II - A	AUTOMATIC ADJUSTABLE PESTICIDE SPRAYER	AGRICULTURE
A.10	GOPI M	MANOOJ P	MANOJ KUMAR M	NAVANEETHAN G	8754248766	II - A	WATER CLEANING	ENVIRONMENT CONSERVATION
A.11	JAVIN N T	ABIRAMI K P	KAMALESH S	KAVIN R	9488722133	II - A	AUTOMATIC SIDE INDICATOR	AUTOMOBILE

Batch No	Name of the team leader	Name of the participant 2	Name of the participant 3	Name of the participant 4	Team lead mobile number	Year	Title of your IDEA	Area of your IDEA
A.12	KAMALESH S	ABIRAMI K P	KAVIN R	JAVIN N T	9789410355	II - A	POWER GENERATION FOR ELECTRIC VEHICLES USING SOLAR PANEL	AUTOMOBILE
A.13	KANISHKA S	JAYAKUMAR R	KAMALADEVI M	HARINI A	7339404591	II - A	BIO BATTERY	RENEWABLE ENERGY
A.14	PARVATHAVARTHINI. S	LIVINKUMAR .D	MATHINRAJ R	PRIYADHARASHINI T	9443023090	II-A	AUTO CHARGING USING PIEZO ELECTRIC EFFECT	RENEWABLE ENERGY

Batch No	Name of the team leader	Name of the participant 2	Name of the participant 3	Name of the participant 4	Team lead mobile number	Year	Title of your IDEA	Area of your IDEA
B.1	KISHOR KUMAR K	KAVIYA D	DEEPAN K S	KIRUTHIK PRANAV	9688590048	II - A	SECURITY SYSTEM FOR WOMEN	DIGITAL
B.2	HARI PRASATH.S.N	SURUTHIKA.S	SUPRAJA.A	LAKSHMI NARAYANAN.N	8940279776	II - B	HIGH POWERED BLOWER TYPE ELECTRIC SPRAYER	AGRICULTURE
B.3	LAKSHITHABINAV S S	SENTHAMILARASU P S	SIVANESA JEYAM R V	DHIYANESH	7604975130	II - B	POWER GENERATION IN ELECTRIC CAR	AUTOMOBILES
B.4	MONISHA.R	MANOJ K S	PRIYA AMRISHA D	PRAVEEN RAJ A M	8838971737	II - B	AUTOMATED TROLLY MACHINE	IN SUPERMARKETS
B.5	NANDHASREE S	NAVANEETHAN S	SUSHMA.H	BHARATH KUMAR.B	8778187806	II - B	DESIGN AND DEVELOPMENT OF IOT BASED AUTOMATIC SEWAGE GAS MONITORING AND ALTERING SYSTEM	IOT BASED
B.6	NAVANEETHAN. S	SUSHMA.H	NANDHASREE.S	BHARATH KUMAR.B	9095079091	II - B	FIRE EXTINGUISHER USING ACOUSTICS WAVES	SAFETY BASED
B.7	RANJITH KUMAR T	PRAKASHINI G	SABITHRA M	DARSHAN K	9342108697	II - B	BREAK FAILURE INDICATOR	EMBEDDED SYSTEMS
B.8	SARATH J	SANTHOSH V G	YOGANANTH P	SIDDHARTH AKILESH B	6369642171	II - B	SMART WATER DISTRIBUTION SYSTEM FOR AGRICULTURE	AGRICULTURE
B.9	SIVAMANI R	SATHEESHKUMAR G	SURESH P	DEEPAKKUMAR P	9025159720	II - B	DUAL MOTORS IN ELECTRICAL VEHICLE	EV VEHICLE

B.10	VIGNESH V	KARUPPUSAMY S	SHYAM GANESH K	SARAN R	8825484808	II - B	EMERGENCY ALERT FOR WOMEN SAFETY	SAFTEY ASPECT
B.11	PRADHEESH.C	GOKUL M	BHARATRAM V	SAM MATHEW M	63845 89163	II - B	IMPROVING ELECTRICAL SYSTEM RELIABILITY WITH INFRARED	
B.12	BOOPALAN V C	MADESHWARAN C	DHARANIDHARAN V	PAVITHRA P	6383545986	II - B	DIGITALLY CONTROLLED HOME AUTOMATION	HOME
B.13	SHARUNITHI G	SELVAKUMAR K	DEVIPRAKASH M	PRADEEP V	6374992009	II - B	WIRELESS CHARGING FOR MOBILE PHONE	

Batch No	Name of the team leader	Name of the participant 2	Name of the participant 3	Name of the participant 4	Team lead mobile number	Year	Title of your IDEA	Area of your IDEA
C.1	ABHISHEK ASHOK PILLAI	K R ASHWATH RAKHAV	V. KAVIN	NIL	9994377172	III - A	ELECTRIC VEHICLES A NEW CHARGING PROSPECT	ELECTRIC VEHICLES
C.2	DHARSHINI T	BUJASRI C	MUGESH KUMAR M	KABI BALA S	9344725755	III - A	IOT BASED INTELLIGENT TRASH BARREL MANAGEMENT	IOT
C.3	GURUPRASAD G	GOPINATH R	ABINASH A	GUHAN K	9360249591	III - A	SWEAT POWERED SMARTWATCHES	RELATED TO BATTERIES
C.4	N.S.KAVIN	R.M.MADHAN KUMAR	R.MAHENDRA PRASAD	M.MANIKANDAN	9080204240	III - A	MULTIPURPOSE DRONE	DRONES
C.5	NISHANTHI R	PRIYADHARSHNI E B	RAJESH S	SRIRAM V	93615 00852	III - A	SOLAR AUTOMATIC COTTON PLUCKING MACHINE	
C.6	K.ROSHNA RITHI	M.SOWMIYA			6382218807	III - B	CONVERTING OLD INVERTER TO AN EMERGENCY POWER SYSTEM.	ENERGY
C.7	MURALIDHARAN R	SUJEET P	SUKITHA S	SUMITHRA J	6380092792	III - B	DIY VENTILATOR USING ARDUINO WITH BLOOD OXYGEN SENSING FOR	MEDICAL BASED PROJECT

							COVID PANDEMIC.	
C.8	PADMESH K	NAVEEN RAJ J	RANJITH LAKSHMANAN P	VIJAYAN M C	8344611369	III - B	SMART METER SYSTEM	ELECTRICAL
C.9	PRABAKARAN S	PRANESH KANNAN M K	MOULINATHAN T	RUDRA PRASATH S P	9952104925	III - B	SMART CONNECTING GOODS TRANSPORTATION	TRANSPORTATION
C.10	PRASANNA V	SHIBI S P	VINOTHKUMAR S	SRI LAKSHMANAR V	9361313602	III - B	INFLATABLE SAFETY HELMET	SENSOR'S
C.11	PRIYADHARSHINI K	SHALINI M	SOUNDHARYA MALA V	KARTHEEPAN S	8015967442	III - B	AI ENABLED TRASH COLLECTING AMPHIBIOUS BOAT	SMART CITIES.
C.12	SAKTHI VISWANATHAN P	SANJAY KUMAR	SABARI ABISHEK	MANODEEPAN	9025070843	III - B	FACE MASK DEDUCTION	HEALTH RELATED
C.13	SARAVANA KUMAR R	WASIEM FAIROSE M	PUGAZHAZHAGAN T A	-	9159230135	III - B	IOT BASED WATER LEAKAGE DETECTION	IOT AND WATER MANAGEMENT

Batch No	Name of the team leader	Name of the participant 2	Name of the participant 3	Name of the participant 4	Team lead mobile number	Year	Title of your IDEA	Area of your IDEA
D.1	SHIBI S P	VINOTHKUMAR S	SRI LAKSHMANAR V	PRASANNA V	9843509200	III - B	MAGIC BELL	SENSORS
D.2	SIBIKKRISHNA N	SOWBRAN T S	NIRANJAN R S	-	7339019211	III - B	ECONOMICAL AND PORTABLE COCONUT DEHUSKING MACHINE FOR SMALL SCALE FARMERS	AGRICULTURE
D.3	SNEKA S S	PRIYADHARSHINI A	SARANYA V	THARUN KUMAR V	9361340071	III - B	HIGHWAY WIND TURBINES	RENEWABLE ENERGY SYSTEM
D.4	SNEKA S S	PRIYADHARSHINI A	SARANYA V	THARUN KUMAR V	9361340071	III - B	SMART ELECTRICITY GENERATION IN HIGHWAYS	RENEWABLE ENERGY SYSTEM
D.5	SRIKANTH S	NISHANTHKUMAR K S	SRI ARVIND S N	SUDHARSAN L	6385518799	III - B	WATER PIPELINE MONITORING AND LEAK DETECTION SYSTEM	WATER MANAGEMENT SYSTEM

D.6	SUJITH S	SUMITHRA V	SNEKA D	SRIVARSHIDHA M	9843675665	III - B	SMART WALKING STICK FOR BLIND PEOPLE	SENSORS
D.7	VIGNESHWARAN G	SURENDHARAN R	NITHISH KUMAR K	RAVI SHANKAR D	9360296965	III - B	AUTOMATIC SIGNAL ALERT FOR PREVENTING ACCIDENTS IN HAIR PIN BEND ROADS AND HILL SIDE ROAD TURNS.	
D.8	NALINI K R	PRIYADHARSHINI R	ARUL MOZHI VARMA M	RAHULPRASATH K	9361626132	III - B	IOT BASED ON AUTOMATED PETROL SYSTEM	SMART CITY
D.9	GOKULNATH K	LOGASANTHOSH B	GOWTHAM R	YUVARAJ B	7708689548	III - A	UNDERGROUND MOVING CHARGE PORT FOR ELECTRICAL VEHICLES	ELECTRICAL VEHICLES
D.10	DEEPIKA R K	RAGU G	JUSHWINKUMAR R S	KAVI PRAKASH R	8760458360	III - A	FOOTSTEP POWER GENERATION	
D.11	MUHAMED JUHAIR. P	GOWTHAM RAJ	KAVIYA. S	JOHITHA. B	9790299559	III - A	SOLAR CAR	ELECTRIC VEHICLES
D.12	GOKULRAJ P	BHARATH KUMAR R	BAVADHARSHINI J M	HARIHARAN G	9894707815	III - A	THEFT DETECTION AND ALERT SYSTEM USING IOT(ARDUINO)	IOT
D.13	TAMIZH KANAL R	MADHANKUMAR. C	SAIBARATHI RAVI	SANJEEVEE S	9344589183	III Year B	Hydraulic Passenger Lift	Hydraulic lift

Batch No	Name of the team leader	Name of the participant 2	Name of the participant 3	Name of the participant 4	Team lead mobile number	Year	Title of your IDEA	Area of your IDEA
E.1	HARISH KUMAR S	ELAKIYA V	KRITHIK S	SHUBHASHREE S	6379454502	IV - A	DESIGN OF DC-DC CONVERTER (SUPERLIFT LUO) FOR VARIOUS APPLICATIONS	
E.2	JAVAGAR P	JAYAKUMAR K	DHANUSH K	AHAMED RIYAS K	9360627965	IV - A	IOT BASED SMART ATTENDANCE SYSTEM USING FINGERPRINT	AUTOMATION
E.3	VENNILA R	ANUPRIYA R	DEEPANA M	KISHORE M	9677696769	IV - A	AUTOMATIC ENTRANCE MONITORING SYSTEM WITH COVID SAFETY PRECAUTIONS	HEALTH CARE AND BIOMEDICAL DEVICES
E.4	RAMAKRISHNAN S	VAISHNAVI P	SOWMIKRAJA S		9791429988	IV - B	DEVELOPMENT OF PORTABLE SYSTEM FOR	FOOD PROCESS-PROCESS

							THE DETECTION OF ADULTERATION IN FOOD SUPPLEMENTS	AUTOMATION
E.5	SRIDHAR U	ROHITH T	NAVIN RAJ S K	NITHISH I R	6379058188	IV - B	AI ENABLED MULTIPURPOSE ROVER FOR HARVESTING AND FARMING OF CLIMBER VEGETABLES	AGRICULTURE AUTOMATION
E.6	SUNDER P S	RESHMA S	SWETHA M	SATHYANARAYANAN R	7708997361	IV - B	ARDUINO BASED VENTILATOR FOR COVID PANDEMIC	HEALTH CARE AND BIOMEDICAL DEVICES
E.7	VAISHNAVI M	SANTHOSH D	SETHU PRAKASH M	GOWTHAM KRISHNA S G	6374595267	IV - B	PROTECTIVE EQUIPMENT FOR SANITARY WORKERS	CLEANING SECTOR
E.8	VAISHNAVI M	SANTHOSH D	SETHU PRAKASH M	GOWTHAM KRISHNA S G	6374595267	IV - B	SOCIAL DISTANCING CAP	HEALTH CARE SECTOR
E.9	VISHWAA R P	CHANDRASEKARAN J	THAUSISANKAR S	PAVITHRAA M	9159507577	IV - B	SOLAR-POWERED PORTABLE DESALINATION SYSTEM	ENERGY
E.10	YOKA SURIYAA M	SURIYA PRASATH S	SRUTHI ABINAYA S	KARTHICK T	9842886766	IV - B	REALTIME AUTHENTICATION & EMPLOYEE IDENTITY VERIFICATION USING LBPH USING RASPBERRY PI	CYBER SECURITY
E.11	HARIHARAN V	MOHAN KRISHNA R	KISHOK A	RIDDHI P	9087212523	IV - A	ARTIFICIAL INTELLIGENCE ENABLED ROBOTIC TRASH BOAT (CLEAN GANGA PROJECT)	IMAGE PROCESSING, ROBOTICS
E.12	ARIHARARUBAN.M	AKSHAYAA.M	KOWSEKA.R	SWATHI.A	6385435753	IV - A	AIR TO WATER CONVERTER	WATER RESOURCES

Ideathon event photos

EEE Ideathon Slot C (2021-09-29 at 02:30 GMT-7)

KONGU ENGINEERING COLLEGE

Electrical and Electronics Engineering Association and Institution's Innovation Council
KEA - IDEATHON 2021

- Title: Multi Purpose Drone Project
- Batch no: **C.4**
- Team Members :
 - N. S. KAVIN-19EER043
 - R. M. MADHAN KUMAR-19EER051
 - R. MAHENDRA PRASAD-19EER052
 - M. MANIKANDAN-19EER053
- MENTOR NAME: K.Kavin mullai Mam

KAVIN N S 19EER043

Type here to search

32°C 14:59 04/10/2021

gfm-vmjv-yaq (2021-10-01 at 2:00)

drive.google.com/file/d/1GMIKNnK0EsG3EuFB3Bt5A5E-AwPthWIF/view

BLOCK DIAGRAM

KONGU ENGINEERING COLLEGE

2-Oct-21

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graph TD; PS[POWER SUPPLY] --> AU[ARDUINO UNO]; AU --> NM[NODE MCU]; NM --> AL[ALERT]; AU --> SV[SOLENOIDAL VALVE]; AU --> FR1[FLOW RATE SENSOR 1]; AU --> FR2[FLOW RATE SENSOR 2];
```

NISHANTHAKUMAR K S 19EER060

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32°C 15:05 04/10/2021

Prize winners list:

**KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI, ERODE- 638 052
SCHOOL OF ELECTRICAL SCIENCES
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
IDEATHON 2k21**

Prize	Batch	Title of the paper	Name of the Participant
1	E-11	ARTIFICIAL INTELLIGENCE ENABLED ROBOTIC TRASH BOAT (CLEAN GANGA PROJECT)	HARIHARAN V MOHAN KRISHNA R KISHOK A RIDDHI P
2	E-5	AI ENABLED MUTLIPURPOSE ROVER FOR HARVESTING AND FARMING OF CLIMBER VEGETABLES	SRIDHAR U ROHITH T NAVIN RAJ S K NITHISH I R
3	B-4	AUTOMATED TROLLY MACHINE	MONISHA.R MANOJ K S PRIYA AMRISHA D PRAVEEN RAJ A M

Top 27 Ideas promoted to PoC Competition



KONGU ENGINEERING COLLEGE



Congratulations!!!

The following batches are selected for Proof of Concept (PoC) Contest round.

s.no	Batch No	Name of the team leader	Team lead mobile	Year	Title of your IDEA
1.	A.1	ABIRAMI.K.P.	9080225286	II - A	ADJUSTABLE KITCHEN SINK
2.	A.4	AKSHAYA.M	6374425692	II - A	TEMPERATURE SENSITIVE LABELING OF MEDICINES
3.	A.6	ASHMITA R S	8056487812	II - A	SMART PARKING SYSTEM
4.	A.9	CIBIRAJ B	9025702067	II - A	AUTOMATIC ADJUSTABLE PESTICIDE SPRAYER
5.	B.2	HARI PRASATH.S.N	8940279776	II - B	HIGH POWERED BLOWER TYPE ELECTRIC SPRAYER
6.	B.3	LAKSHITHABINAV S S	7604975130	II - B	POWER GENERATION IN ELECTRIC CAR
7.	B.4	MONISHA.R	8838971737	II - B	AUTOMATED TROLLEY MACHINE
8.	B.6	NAVANEETHAN. S	9095079091	II - B	FIRE EXTINGUISHER USING ACOUSTICS WAVES
9.	C.1	ABHISHEK ASHOK PILLAI	9994377172	III - A	ELECTRIC VEHICLES A NEW CHARGING PROSPECT
10.	C.3	GURUPRASAD G	9360249591	III - A	SWEAT POWERED SMARTWATCHES
11.	C.4	N.S.KAVIN	9080204240	III - A	MULTIPURPOSE DRONE

s.no	Batch No	Name of the team leader	Team lead mobile	Year	Title of your IDEA
12.	C.7	MURALIDHARAN R	6380092792	III - B	DIY VENTILATOR USING ARDUINO WITH BLOOD OXYGEN SENSING FOR COVID PANDEMIC.
13.	C.9	PRABAKARAN S	9952104925	III - B	SMART CONNECTING GOODS TRANSPORTATION
14.	C.10	PRASANNA V	9361313602	III - B	INFLATABLE SAFETY HELMET
15.	C.11	PRIYADHARSHINI K	8015967442	III - B	AI ENABLED TRASH COLLECTING AMPHIBIOUS BOAT
16.	C.12	SAKTHI VISWANATHAN P	9025070843	III - B	Fuel intake detector
17.	C.13	SARAVANA KUMAR R	9159230135	III - B	IOT BASED WATER LEAKAGE DETECTION
18.	D.1	SHIBI S P	9843509200	III - B	MAGIC BELL
19.	D.2	SIBIKKRISHNA N	7339019211	III - B	ECONOMICAL AND PORTABLE COCONUT DEHUSKING MACHINE FOR SMALL SCALE FARMERS
20.	D.5	SRIKANTH S	6385518799	III - B	WATER PIPELINE MONITORING AND LEAK DETECTION SYSTEM
21.	E.3	VENNILA R	9677696769	IV - A	AUTOMATIC ENTRANCE MONITORING SYSTEM WITH COVID SAFETY PRECAUTIONS
22.	E.4	RAMAKRISHNAN S	9791429988	IV - B	DEVELOPMENT OF PORTABLE SYSTEM FOR THE DETECTION OF ADULTERATION IN FOOD SUPPLEMENTS
23.	E.5	SRIDHAR U	6379068188	IV - B	AI ENABLED MULTIPURPOSE ROVER FOR HARVESTING AND FARMING OF CLIMBER VEGETABLES
24.	E.7	VAISHNAVI M	6374595267	IV - B	PROTECTIVE EQUIPMENT FOR SANITARY WORKERS
25.	E.9	VISHWAA R.P	9159507577	IV - B	SOLAR-POWERED PORTABLE DESALINATION SYSTEM
26.	E.10	YOKA SURIYAA M	9842886766	IV - B	REALTIME AUTHENTICATION & EMPLOYEE IDENTITY VERIFICATION USING LBPH USING RASPBERRY PI
27.	E.11	HARIHARAN V	9087212523	IV - A	ARTIFICIAL INTELLIGENCE ENABLED ROBOTIC TRASH BOAT (CLEAN GANGA PROJECT)

Overall report of the activity:

Department of Electrical and Electronics Engineering Association is association with Institution's Innovation Council @ KEC organized an event "IDEATHON 2021". The event was very well grasped by aspiring students and concluded successfully. This event helped the students to gain practical knowledge on problem selection and definition. Problem solving techniques were utilised by students to coin their solution as an effective Idea and present them to convince juries. As the event was very interesting, students energetically participated and won prizes.

IDEATHON 2021 - Chemical Engg. Report

Overview:

Objective:

To organize the Intra College level event "IDEATHON'21" by Department Association and Institution Innovation Council (IIC) on 28th and 29th September 2021 through online and physical mode. This event is organised with the objective to provide platform for the students to showcase their talent with a competitive spirit on their innovative idea. The event was successful enough to attract as many as 33 project registrations for an event.

List of Events:

Technical Events:

- Project Presentation : 51 Teams

Event Description:

In Idea presentation, all domain ideas were accepted and shortlisted through review. In Ideathon the review team questions were based on given problem statement on which the participants can formulate a process or method to solve the problem using technology. Based on the review team marks, top 33 projects were selected for Proof of Concept (PoC) competition.



Kongu Engineering College

Department of Chemical Engineering

Chemical Engineering
Association and Innovation and
Entrepreneurship Forum

Presenting

IDEATHON 2021



"The value of an Idea lies in the using of it"

Thomas Edison

Contact:

Mr.S.Pranav - +91 9159192731

Mr.G.Mugaishudeen - +91 9842040470



Deadline: 26/09/21

Approval form:

a. LC 351/5

KEC ICHR/2021-2022/09/0017
KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060
PROGRAMME APPROVAL FORM

UP TO ₹. 20,000/-

AD-12-PP
REV:1
01.01.2021

Proposal Tracking No: FPPCE2122090450

Dept Ref No.: PH/2021-2022/005 Date: 23.09.2021

1. Department: Chemical Engineering

2. a). Name of the Programme: Jeathon 2021
 b). Norms Under which it is proposed:

3. Dates: From: 28.09.2021 TO: 29.09.2021 No. of Days: 02

4. Programme for: Faculty Students Others (Specify)

5. Level: State / National / International Association Institution / Dept. / Cell / General

6. Highlights of the Programme: To provide a platform to the students to showcase their creative and innovative Project Ideas

1. Proposed Invites

S.No	Purpose	Chief Guest	Speakers / Jury	Trust Member Invites
1	-	-	-	-
2	-	-	-	-

2. Agenda: Programme Agenda / Schedule Enclosed: Yes / No

3. Expenditure:

S.No	Purpose	Proposed	Revised	Actual	Remarks
1	Prize Money	Rs. 6000			
2	Miscellaneous	Rs. 1000			
3					
4					
5					
6					
Total		Rs. 7,000			

4. Source

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

Faculty IIC (with Name): Dr. K. S. Srinivasan / PH/2021-2022/005

H.O.D. [Signature]

CCO

PRINCIPAL [Signature]
25.9.21

Attachments:

EVENT NAME	GOOGLE MEET LINK
PROJECT PRESENTATION	https://meet.google.com/cdm-rdpv-itz (2.30 p.m. -7.30 p.m.)

IDEATHONCOMPETITION





Participations List:

S.no	Team leader name	Title of project	Roll no	Year	Timings
1	RiyazKarim ShahulHameed & Team	Vegan leather from local agave's leaves	19CHR069	III B	03:00 to 03:10 pm
2	CharanB & Team	Claro puro water bottle	19CHR010	III A	03:10 to 03:20 pm
3	DeenadhayalanR & Team	Coirflex	19CHR011	III A	03:20 to 03:30 pm
4	MonishM & Team	Design of disintegrator for used commercial sanitary napkins	19CHRO4 6	III A	03:30 to 03:40 pm
5	PremKumar S & Team	Smart irrigation using iot	19CHR063	III B	03:40 to 03:50 pm
6	VijaiV R & Team	Palm leaf and bamboo stem portable mini battery fan with rechargeable battery	18CHR106	IV B	04:30 to 04:40 pm
7	VishvaK& Team	Production and storage of oxygen from phytoplankton	18CHR108	IV B	04:40 to 04:50 pm
8	NishanthiniA S & Team	Cover on	18CHR065	IV B	04:50 to 05:00 pm
9	Melvin jones G & Team	Preparation of fertilizer from rural sewage sludge	18CHR055	IV B	05:00 to 05:10 pm
10	ChithraM & Team	Low smoke herbal mosquito repellent by using medicinal plants	18CHR017	IV A	05:10 to 05:20 pm
11	NeerajaM & Team	Solar energy for household cooking purposes	18CHR064	IV B	05:20 to 05:30 pm

12	BalawethaA P & Team	Geopolymer based tile blocks from used membrane	18CHR012	IV A	05:30 to 05:40 pm
13	SamrithiG & Team	Fibre reinforced asbestos sheets using	18CHR081	IV B	05:40 to 05:50 pm
14	T booshanRaj & Team	Electromagnetic iron filling collector	18CHR015	IV A	05:50 to 06:00 pm
15	Dhivakar M & Team	Reduce the usage of water for gardening using sodium polyacrylate and coconut coir	18CHR022	IV A	06:00 to 06:10 pm
16	AkashJ.U & Team	Project ldd	20CHR002	II A	03:50 to 04:00 pm
17	Akash.J.U & Team	Swigмато	20CHR002	II A	04:00 to 04:10 pm
18	Shyamraju S & Team	Respoly bags	20CHR069	II B	04:10 to 04:20 pm
19	Ramakrishnan K & Team	Alternative for grid ceiling board	20CHR055	II B	04:20 to 04:30 pm
20	M.S.Shiran & Team	Studies on decolorization of textile wastewater in down flow jet loop reactor using activated carbon and zeolite	18CHR090	IV B	04:30 to 04:40 pm
21	V. Ajay Sathya & Team	Minimisation and recycle of household waste water	18CHR003	IV A	04:40 to 04:50 pm
22	NithishkumarR & Team	Eco-friendly and sustainable bio-plastic from potato peel and red seaweed for packaging application	18CHR068	IV B	04:50 to 05:00 pm
23	Ohm Prakash K & Team	Design of smelter for recycling of critical energy metals and e-waste	18CHR069	IV B	05:00 to 05:10 pm
24	MuthukumarR & Team	Removal of oil spills using coconut coir	18CHR062	IV B	05:10 to 05:20 pm
25	Ayswarya. A. S & Team	Automated sustainable drainage management	18CHR010	IV A	05:20 to 05:30 pm
26	VigneswariT & Team	Extraction of zingiberene from ginger	18CHR105	IV B	05:30 to 05:40 pm
27	NavinP & Team	Production of bio-fertilizer using banana peels and egg shells	18CHR063	IV B	05:40 to 05:50 pm
28	S. Pavithraa & Team	Source reduction & utilization of storage of perishable food products in	18CHR070	IV B	05:50 to 06:00 pm

		industries			
29	ThiyagarajanG & Team	Increasing the effectiveness of the biodiesel by adding nanoparticles.	18CHR101	IV B	06:00 to 06:10 pm
30	Ashwin.R & Team	Food waste management through compostin	18CHR009	IV A	04:30 to 04:40 pm
31	Gobiananth V & Team	Biocomposites derived from areca fibre	18CHR028	IV A	04:40 to 04:50 pm
32	S.sakelan & Team	Biocomposites derived from cashewnut shell	18CHR080	IV B	04:50 to 05:00 pm
33	Ayswarya. A. S & Team	Automated sustainable drainage management	18CHR010	IV A	05:00 to 05:10 pm
34	Bhavyasri & Team	Design of low cost sanitary napkin incinerator	18CHR014	IV A	05:10 to 05:20 pm
35	Deepika. G & Team	Carbon neutral fuels	18CHR019	IV A	05:20 to 05:30 pm
36	Mohamed Salim H & Team	Smart irrigation system	18CHR059	IV B	05:30 to 05:40 pm
37	Harithalakshmi & Team	Manufacture of wet wipes from the part of karuvelam tree (prosopisjuliflora)	18CHR037	IV A	05:40 to 05:50 pm
38	Rejathgireesh & Team	Mango leaf tea	18CHR077	IV B	05:50 to 06:00 pm
39	SivasakthivelK & Team	Go green mask	18CHR093	IV B	06:00 to 06:10 pm
40	HariniS & Team	Immune booster bag	18CHR032	IV A	06:10 to 06:20 pm
41	Abishek & Team	Truck booking system	18CHR002	IV A	04:30 to 04:40 pm
42	Mahadevaasrivishnu S & Team	Optimal combination of nanoparticle - diesel/ petrol fuel for reducing emission	18CHR049	IV A	04:40 to 04:50 pm
43	Suffrina.B.H & Team	Automatic roaster	18CHR095	IV B	04:50 to 05:00 pm
44	Manikkaraja & Team	Treatment of waste water by using electrochemical oxidation process	18CHR051	IV A	05:00 to 05:10 pm

45	GiriprasathE & Team	Extraction of lycopene from red fruits and find its application in food products as natural colourants	18CHR025	IV A	05:10 to 05:20 pm
46	PravinA & Team	Oil spill clean up using coconut coir based fixed bed adsorber from oil-water emulsion	18CHR073	IV B	05:20 to 05:30 pm
47	Logaraji.S & Team	Liquid - liquid extractor	18CHR048	IV A	05:30 to 05:40 pm
48	KawinPrasad N & Team	Preparation of bio-pesticide using custard apple seed	18CHR043	IV A	05:40 to 05:50 pm
49	Sujith.M.P. & Team	Manufacture of soap from goat milk	18CHR096	IV B	05:50 to 06:00 pm
50	ArunS & Team	Extraction and encapsulation of phytochemicals from cardiospermumhalicacabum	18CHR007	IV A	06:00 to 06:10 pm
51	Nithishkumar.P & Team	Production of ricehusk based zeolite using hydrothermal method	18CHR067	IV B	06:10 to 06:20 pm

Prize winners list:

Team leader name	Project name	Year	PRIZE
Bhavyasri& Team	Design of low cost sanitary napkin incinerator	IV A	I
RamakrishnanK & Team	Alternative for grid ceiling board	II B	II
NishanthiniA S & Team	Cover on	IV B	III

Overall report of the activity:

Chemical Engineering Association and Institution Innovation Council collaborated to organize an event "IDEATHON 2021". The event was very well grasped by aspiring students and concluded successfully. This event helped the students to provide solutions for problems around them in a society.

IDEATHON 2021 - MBA Report

Overview:

Objective:

The Intra College level event "IDEATHON'21" organised by Department Association and Institution Innovation Council (IIC) on 1st October 2021 through online. **This event is organised with the objective to provide platform for the students to showcase their talent with a competitive spirit on their innovative idea.** The event was successful enough to attract as many as 20 idea registrations for an event.

List of Events:

Innovative Ideas:

- Presentation : 20 Teams

Event Description:

In Idea presentation, all domain ideas were accepted and shortlisted through review. In Ideathon the review team questions were based on given problem statement on which the participants can formulate innovative management ideas. Based on the review the participants were selected.

Session plan/Brochure/Circulars (if any):



KONGU ENGINEERING COLLEGE

(AUTONOMOUS)

Perundurai, Erode-638060, Tamilnadu, India



SCHOOL OF MANAGEMENT STUDIES



IN ASSOCIATION WITH

INNOVATION AND ENTREPRENEURSHIP FORUM(IEF)

Proudly Presents

IDEATHON

Submit Your Ideas On or
Before 30.09.2021

**THE TOP IDEAS WILL BE SHORTLISTED
FOR OPEN HOUSE EXHIBITION**

**“A GOOD IDEA
BECOMES A GREAT IDEA
WHEN YOU LET IT OUT”**

Staff Coordinators:

Dr. N.Prakash

Dr.P.Sundharesalingam

Dr. P.Karthika

To Submit Your Ideas:

<https://forms.gle/ohswRYrDAYkCJdJg9>

Date: 01.10.2021



Approval Form:

10390/9 FPPMBA1122090459

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060
PROGRAMME APPROVAL FORM

UP TO ₹. 20,000/- AD-12-PP
REV.1
01.01.2021

Proposal Tracking No. **MB/2021-2022/013** Date: **21.09.2021**

Dept. Ref. No.: **KEC/MBR/2021-2022/07/0017**

1. Department:	MBA		
2. a) Name of the Programme	Ideathon 2021 (MBA)		
b) Norms under which it is proposed			
3. Dates:	From: 01.10.21	TO: 01.10.21	No. of Days 01
4. Programme for:	Faculty	Students <input checked="" type="checkbox"/>	Others (Specify)
5. Level:	State / National / International	Association <input checked="" type="checkbox"/>	Institution / Dept. / Cell / General
6. Highlights of the Programme:	To Provide a Platform to the Students to showcase their Creative & Innovative Project Ideas		

1. Proposed Invitees:

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	—	—	—	—
2				

2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure:

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1	Prize money	Rs 6000/-			
2	Miscellaneous	Rs 1000/-			
3					
4					
5					
6					
Total		Rs 7000/-			

4. Source

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

Faculty I/c (with Name)
1- Dr. kartutika-p
H.O.D 25/9/21
CCO
PRINCIPAL
22.9.21

Attachments:

EVENT NAME	GOOGLE MEET LINK
PROJECT PRESENTATION	https://meet.google.com/uda-bwqr-pxc (Time:2pm-5pm)

IDEATHON COMPETITION

FIRST REVIEW:

The screenshot shows a Google Meet interface during a presentation. The main content area displays a slide with the following text:

BIOPLASTIC – PROSOPIS JULIFLORA

Team Incredible Greenist

1. Elizabeth Nirmala J
2. Gowtham R
3. Divya Shree VS

The slide also features an illustration of a smartphone displaying a green interface with icons, and several people interacting with it. A small notification at the bottom of the slide reads "meet.google.com is sharing your screen." The meeting controls at the bottom show the time as 2:25 PM and the meeting ID as uda-bwqr-pxc. The participant list on the right includes: KARTHIKA P MBA, ELIZABETH NIRM..., GOWTHAM R 20..., KARTHICK RAJA..., Maheswari R MBA, PRASANNABALA..., RIDDHI Y GAGLA..., SATHIYA A 20MB..., RITHANYA N 20..., HEMASREE S 20..., 12 others, and You.

The screenshot shows a Google Meet interface during a presentation. The main content area displays a slide with the following text:

E-commerce warehouse management

The slide features a process flow diagram with the following steps:

- Unloading Goods
- Recycling
- Quality Check
- Putaway
- Transfer
- Quality Check and Packing
- Picking
- Inventory & Layout
- Ship
- Transfer

At the bottom of the slide, there is a Windows watermark: "Activate Windows. Go to Settings to activate Windows." The meeting controls at the bottom show the time as 3:15 PM and the meeting ID as uda-bwqr-pxc. The participant list on the right includes: AARTHI R 20MB..., Maheswari R MBA, KARTHIKA P MBA, MAHESWARAN..., PHUVENDRAN C..., HEMASREE S 20..., ARAVINTH S 20..., GOMATHI R 20M..., RANGEELA N 20..., SNEHA E 20MBR..., 6 others, and You.

Meet - uda-bwqr-pxc

meet.google.com/uda-bwqr-pxc?pli=1&authuser=0

REC AARTHI R 20MBR001 is presenting

E-commerce warehouse management

Unloading Goods
Receiving

Quality Check

Putaway

Storage
Inventory & Layout

Picking

Transfer

Quality Check and Packing

Ship
Transfer

Activate Windows
Go to Settings to activate Windows.

3:15 PM | uda-bwqr-pxc

Participants:

- AARTHI R 20MB...
- Maheswari R MBA
- KARTHIKA P MBA
- MAHESWARAN ...
- PHUVENDRAN C ...
- HEMASREE S 20...
- ARAVINTH S 20...
- GOMATHI R 20M...
- RANGEELA N 20...
- SNEHA E 20MBR...
- 6 others
- You

Inbox (471) - subhazmn.20mba... Meet - uda-bwqr-pxc

meet.google.com/uda-bwqr-pxc

REC K KARTHICK RAJA S 20MBR048 is presenting

Tachy-ON CHARGING
TEAM CONTRIVERS

Brindha S (Z0MBR017)
Karthick Raja S (Z0MBR048)
Chethan G P(Z0MBR018)

2:13 PM | uda-bwqr-pxc

Participants:

- KARTHIKA P MBA
- SNEHA E 20MBR...
- KARTHICK RAJA ...
- ELIZABETH NIRM...
- PRASANNABALA...
- KARTHICK RAJA ...
- SATHYA M 20MB...
- ANTO SELVARAN...
- SATHIYA A 20MB...
- ARAVINTH S 20...
- 13 others
- You

Participations List and Mark Statements:

TEAM NAME	STUDENT'S NAME	ROLL NO.	IDEA NAME
20MBRT01	BRINDHA S	20MBR017	TACHY-ON CHARGING STATION
	KARTHICK RAJA S	20MBR048	
	CHETHAN G P	20MBR018	
20MBRT02	PHUVENDRAN C	20MBR069	CROWD FUNDING- FIND FINDER
	SUGHASH S	20MBR106	
	VIJAYAKUMAR C	20MBR117	
20MBRT03	ELIZABETH NIRMALA J	20MBR029	BIOPLASTIC FROM PROSOPIS JULIFLORA AND BIO-BASED POLYMER
	GOWTHAM R	20MBR035	
	DIVYA SHREE V R	20MBR027	
20MBRT04	G. HARIPRASATH	20MBR036	INNOVATIVE SUN GLASS
	S. JEEVAN PRASAD	20MBR044	
	S.JEEVANANTHAM	20MBR045	
20MBRT05	MAHESWARAN M K	20MBR052	BAT KNOCKING MACHINE
	MAHISHASURAMARTHI NI S	20MBR053	
	GOKUL PRASANTH P	20MBR031	
20MBRT06	SUBHAZ M N	20MBR105	BUSINESS PLAN FOR A INNOVATIVE PRODUCT ON JAMAKKALAM
	GOPINATHAN P	20MBR33	
	GIRIE PRASATH K S	20MBR30	
20MBRT07	MOHAMED YASAR ARAFATH R	20MBR056	SPARK PAINT
	BHARATH RAJ N	20MBR014	
	SOWNDARIYA PL	20MBR101	
20MBRT08	NIVETHA N	20MBR066	SOAP TABLETS
	VIDHYA K	20MBR115	
	TAMIL SELVI N	20MBR112	
20MBRT09	JEYASREEPUJA M S	20MBR046	ALPHA TRACKER
	DHARANI C	20MBR021	
	DINESH KUMAR S	20MBR025	
20MBRT10	HEMASREE S	20MBR039	GENERAL LIFE ORIENTED SERVICES
	JAYA SURYA B	20MBR042	
20MBRT11	ARAVINTH S	20MBR007	PRE BOOKING

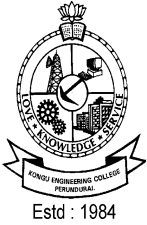
	GOMATHI R	20MBR032	RESTAURANT SEAT AND FOOD APP
	DARSHANASREE M	20MBR019	
2MBRT012	BOOPEASH.K	20MBR015	GRABON
	LOGITH.A	20MBR050	
	MOHANAPREETHI.R	20MBR057	
20MBRT13	ARTHIGA B	20MBR009	WEAVING INDUSTRY DEVELOPMENT
	ARUNA J S	20MBR011	
	DHARSHINI P	20MBR024	
20MBRT13	MAHESHWARAN M K	20MBR052	PIPE SALT REMOVAL MACHINE
	SAKTHI SUNDARAM R	20MBR087	
	SURYA PRAKASH S	20MBR107	
20MBRT14	ANTO SELVARANI J	20MBR005	CHARGING SMART WATCH USING PHOTODIODE
	ARUN KUMAR T	20MBR010	
	SNEHA E	20MBR098	
20MBRT15	OVIA V	20MBR068	JOINT VENTURE
	SARANYA N	20MBR092	
	RIDDHI Y GAGLANI	20MBR119	
20MBRT16	AARTHI R	20MBR001	ASSIST FOR DEFECT DETECTION
	ANTONY ABISHEK S	20MBR006	
	ARJUN D	20MBR008	
20MBRT17	NIRMAL K	20MBR064	HEAT-MAPPING
	RANGEELA N	20MBR078	
	SATHIYA A	20MBR093	
20MBRT18	OBULI VIGNESH.V	20MBR067	MODIFIED LAPTOP CHARGER
	SANGAVI.T	20MBR090	
	SOWMIYA.P	20MBR100	
20MBRT19	PRASANNA BALAJI V	20MBR071	KONGU GREEN CAMPUS
	PRATHIBA S	20MBR072	
	PREETHIKA K	20MBR073	
20MBRT20	SATHYA .M	20MBR094	FOOD HEALTH SCANNER WATCH
	RITHANYA. N	20MBR083	
	PRIYATHARSHINI R	20MBR074	

Prize winners list:**Idea presentation**

Team Members Name and Roll No.	Project name	Year	PRIZE
BRINDHA S (20MBR017) KARTHICKRAJA S (20MBR048) CHETHAN G P (20MBR018)	TACHY –ON CHARGING STATION	I	I (Rs. 3000/-)
ELIZABETH NIRMALA J (20MBR029) GOWTHAM R (20MBR035) DIVYA SHREE V R(20MBR027)	BIOPLASTIC FROM PROSOPIS JULIFLORA AND BIO BASED POLYMER	I	II (Rs. 2000/-)
ANTOSELVARANI J (20MBR005) ARUN KUMAR T (20MBR010) SNEHA E (20MBR098)	CHARGING SMART WATCH USING PHOTODIODE	I	III (Rs. 1000/-)

Overall report of the activity:

Department of Master of Business Administration Association and Institution Innovation Council collaborated and organized an event “IDEATHON 2021”.The event was very well grasped by aspiring students and concluded successfully. This event helped the students to gain knowledge for problems around them and thinking. As the event was very interesting, students energetically participated and won exciting prizes.



DEPARTMENT OF COMPUTER TECHNOLOGY-PG
KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI ERODE – 638 060
IDEATHON 2021

Open House Exhibition (OHE) has been conducted by KEC for the past several years to promote innovation and Proof of Concept (PoC) development culture among students and faculty. Considering the current pandemic situation OHE for this academic year (2021-2022) was planned to be conducted in two phases as IDEATHON and Proof of Concept (PoC) competition.

In this regard, the association of Computer Technology – PG organized IDEATHON on 29.09.2021 and 30.09.2021. A team of faculty members that included Mr.M.Arumugan (CT-PG Association Coordinator), Mrs.K.Karthika (OHE Department Coordinator & IIC Department Coordinator) and Ms.T.E.Ramya (EMDC Department Coordinator) was formed under the supervision of Dr.S.Shanthi (The Head of the Department, CT-PG). Registration for this event started on 19.09.2021 and the abstracts were collected from the registered teams. Totally 40 teams had registered out of which 30 teams were shortlisted to present for PoC contest. The winners were finalized by the expert faculty members, the list of which is given in this report.

Link for register: <https://forms.gle/ukDjX4d4bJDcAiM89>

Link for abstract submission: <https://forms.gle/R4M9jC8wvbPpGi7g7>

Link for online score sheet with the above criteria:

<https://docs.google.com/spreadsheets/d/1aObzG-E8SMFhj2OoEIZWa53Gdp7Q08CmCaKDeUWkX9E/edit?usp=sharing>

Criteria for II years:

- NOVELTY (20 MARKS)
- TECHNICAL READINESS (10 MARKS)
- PRESENTATION SKILL (10 MARKS)
- Q&A (10 MARKS)

Link for abstract collected folder:

https://drive.google.com/drive/folders/1ASWcee6j6d3E1zBZFko9gh18-pnz2WcmI2foMPPWSpPuGUz_-4P_6ZpqjQsamVex0ecpQeHP?usp=sharing

Online Review Meet recording links:

Panel I

<https://drive.google.com/file/d/1P1CHMeNowjoblXUccFJt7QcRhIxsGPV/view?usp=sharing>

Panel II

<https://drive.google.com/file/d/1GEERBQkHLnQGgk8QXmMKISi9Y-4MMU5A/view?usp=sharing>

Panel III

https://drive.google.com/file/d/1SfMcmMtgPmWfIC_LiBj3doaT13yIUIGS/view?usp=sharing

Flyer:



Estd : 1984

KONGU ENGINEERING COLLEGE
Perundurai, Erode - 638060



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**DEPARTMENT
OF
COMPUTER TECHNOLOGY - PG**

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of
NATIONAL INNOVATION DAY**

IDEATHON 2K21

KEC Ideathon

(29th & 30th Sep 2021)

I prize - Rs.3000

II prize - Rs.2000

III prize - Rs.1000

Winning teams will be recommended for KEC
Spark fund, IPR filing and NIDHI PRAYAS

Last date for Abstract submission: 27.09.2021

Register @: <https://forms.gle/ukDjX4d4bJDcAiM89>

Staff Coordinators:

Mr. M. Arumugam | Ms. K. Karthika | Ms. T. E. Ramya


Proof of Concept

(22nd & 23rd Oct 2021)

I prize - Rs.5000

II prize - Rs.3000

III prize - Rs.2000

 <https://kongu.ac.in>

 /konguengineeringcollege

Approval Form:

UP TO
₹. 20,000/-

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060
PROGRAMME APPROVAL FORM

AD - 12 - PP
REV 1
01.01.2021

Proposal Tracking No. KEC/CTPG/2021-2022/09/0011

Dept. Ref. No. M.Sc. / 2021-2022-009 Date 24.09.2021

1.	Department	<u>Computer Technology - PG</u>		
2.	a). Name of the Programme	<u>IDEATHON 2021 (CGT-PG)</u>		
	b). Norms under which it is proposed	<u>Association</u>		
3.	Dates	From: <u>29.09.2021</u>	TO: <u>30.09.2021</u>	No. of Days <u>2</u>
4.	Programme for:	Faculty	Students <input checked="" type="checkbox"/>	Others (Specify)
5.	Level:	State / National / International	Association <input checked="" type="checkbox"/>	Institution / Dept. / Cell / General
6.	Highlights of the Programme:	<u>To promote innovative thoughts Ideathon provides an opportunity for the students to showcase their ideas</u>		

1. Proposed Invitees: -

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	-	-	-	-
2	-	-	-	-

2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure:

S No	Purpose	Proposed	Revised	Actual	Remarks
1	<u>Perze Nancy</u>	<u>Rs. 600/-</u>			
2	<u>Miscellaneous</u>	<u>Rs. 1000/-</u>			
3					
4					
5					
6					
Total		<u>Rs. 7000/-</u>			

4. Source

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

M. Arunagam
Faculty In-charge (with Name)
(M. ARUNAGAM)

S. Senthil
24/9/21
H.O.D

CCO

PRINCIPAL

Panel Members:

Year	Date, Time & Venue	Panel	Name of the staff	Timing / Meet Link		
II	29.09.2021 Computer Centre II (09.45 am to 12.30 pm)	Panel I	Ms.S.Deepa	09.45 am to 12.30 pm		
			Ms.S.Hamsanandhini	09.45 am to 10.45 am		
			Ms.P.Yuvarani	10.35 am to 12.30 pm		
		Panel II	Ms.Malathi Eswaran	09.45 am to 11.35 am		
			Mr.M.Arumugam	10.45 am to 12.30 pm		
			Ms.P.Shanmugapriya	10.45 am to 12.30 pm		
III & IV year	29.09.2021 (online Mode – 2.30 pm to 4.30 pm)	Panel I	Dr..G.R.Sreekanth	https://meet.google.com/ftp-zivi-eyz		
			Ms.T.E.Ramya			
		Panel II	Dr.P.Ananthi	https://meet.google.com/xjh-xxcj-etf		
			Ms.C.Jamunadevi			
		Panel III	Ms.S.Aruna	https://meet.google.com/wgk-ytyy-tsh		
			Dr.T.Maragatham			
			Ms.K.Karthika			
		V year	30.09.2021 Computer Centre I (1.30 pm to 2.30 pm)	Panel I	Ms.M.Mangayarkarasi	1.30 pm to 2.30 pm
					Dr.P.Ananthi	
Panel II	Ms.S.Aruna					
	Dr.C.R.Dhivyaa					

Score Evaluation Criteria:

Idea Title:			
Team Leader Name:		Email:	
		Contact no:	
Idea Type: <i>(can select multiple)</i>		Theme Name <i>(Annexure 1):</i>	
<input type="checkbox"/> Introduction of new or improved services <input type="checkbox"/> Introduction of new method of production/ process <input type="checkbox"/> Opening of new market <input type="checkbox"/> Exploration of a new source & supply <input type="checkbox"/> Reengineering/ organization of business management process.			
Sl. No.	Parameters	Total Marks	Marks Obtained
1.	Relevance of Problem & Solution	15 Marks	
	(a) Whether the identified problem really exists in Society/Market/ Industry ?	<i>10 Marks</i>	
	(b) "How big is the problem"? <i>(Low, Moderate, High)</i>	<i>5 Marks</i>	
2.	Feasibility of solution (SMART) <i>(Check the appropriateness of the proposed solution)</i>	25 Marks	
	(a) Specific- How specifically the proposed solution resolves the identified problem.	<i>5 Marks</i>	
	(b) Measurable- Whether the proposed solution is measurable and step wise approach towards innovation is followed	<i>5 Marks</i>	
	(c) Attainable- Clarity of team. Is the team competent enough to develop the solution and achieve its objectives?	<i>5 Marks</i>	
	(d) Realistic- Given the resources available, how realistic is the team's approach to achieve the solution in time bound manner?	<i>5 Marks</i>	
	(e) Timeline- How confident is the team with the proposed solution & timeline to complete the prototype (TRL 2 or TRL 3 in 2-3 months) <i>(refer Annexure 1)</i>	<i>5 Marks</i>	
3.	Applicability of Solution	10 Marks	
	(a) Usability: Level of acceptance of Solution/Features among target group	<i>2.5 Marks</i>	
	(b) Scalability: Adoption Potential of Solution as Business Model/Startup	<i>2.5 Marks</i>	
	(c) Economic Sustainability: Potential of solution to Become profitable or financially viable	<i>2.5 Marks</i>	
	(d) Environment Sustainability: Potential of solution to become environment friendly or address environment problems	<i>2.5 Marks</i>	
	(e) Existence of Intellectual Property Component, if any?	<i>2.5 Marks(extra)</i>	
Total		50 Marks	

Score sheet samples:

KONGU ENGINEERING COLLEGE, PERUNDURAI
 DEPARTMENT OF CT-PG
 OPEN HOUSE EXHIBITION
 CTPG IDEATHON
 II YEAR SCORE SHEET

S NO	TEAM NAME/TITLE	NOVELTY (20 MARKS)	TECHNICAL READINESS (10 MARKS)	PRESENTATION SKILL (10 MARKS)	Q&A (10 MARKS)	REMARK	TOTAL (50 MARKS)
1.	Turning party E Billing system	8	4	4	5		21
2.	Free Ethnoss 1 web development for Hotel Management System	-	-	-	-	-	-
3	Technobuddy P - Library management	12	5	4	5		26
4.	gacno karudra - curve fitting	16	8	9	9		42
5.	Shiners Deployment of IoT in	13	7	7	6		32
6.	Rainbow/wastewaters CLAP HAST	2	3	2	2		09

Kongu Engineering College ,Perundurai -638 060

Department of Information Technology

KEC IIC Ideathon 2021

Guideline and Evaluation Criteria Sheet for Idea Submission

Idea Title: AWS web server using Terra Form			
Team Leader Name: Santhosh P. D.		Email:	
		Contact no:	
Idea Type: (can select multiple)		Theme Name (Annexure 1):	
<input type="checkbox"/> Introduction of new or improved services <input type="checkbox"/> Introduction of new method of production / process <input type="checkbox"/> Opening of new market <input type="checkbox"/> Exploration of a new source & supply <input type="checkbox"/> Reengineering / organization of business management process.			
Sl. No.	Parameters	Total Marks	Marks Obtained
1.	Relevance of Problem & Solution	15 Marks	5
	(a) Whether the identified problem really exists in Society / Market / Industry?	10 Marks	3
	(b) "How big is the problem"? (Low, Moderate, High)	5 Marks	2
2.	Feasibility of solution (SMART) (Check the appropriateness of the proposed solution)	25 Marks	20
	(a) Specific - How specifically the proposed solution resolves the identified problem.	5 Marks	4
	(b) Measurable - Whether the proposed solution is measurable and step wise approach towards innovation is followed	5 Marks	4
	(c) Attainable - Clarity of team. Is the team competent enough to develop the solution and achieve its objectives?	5 Marks	4
	(d) Realistic - Given the resources available, how realistic is the team's approach to achieve the solution in time bound manner?	5 Marks	4
	(e) Timeline - How confident is the team with the proposed solution & timeline to complete the prototype (TRL2 or TRL3 in 2-3 months) (refer Annexure 1)	5 Marks	4
3.	Applicability of Solution	10 Marks	5
	(a) Usability: Level of acceptance of Solution / Features among target group	2.5 Marks	1
	(b) Scalability: Adoption Potential of Solution as Business Model / Startup	2.5 Marks	1
	(c) Economic Sustainability: Potential of solution to become profitable or financially viable	2.5 Marks	1
	(d) Environment Sustainability: Potential of solution to become environment friendly or address environment problems	2.5 Marks	1
	(e) Existence of Intellectual Property Component, if any?	2.5 Marks	1
Total		50 Marks	30

[Signature]
30/09/2021

[Signature]
30/9/21

Participant team details:

S No	TEAM NAME	TEAM LEAD NAME	MENTOR	NAME AND ROLL NUMBER OF TEAM MEMBERS
1	Phantom	JEYAWIN D	Ms.C.JAMUNADEVI	ARVIND N - 17ISR003, HARI HARAN S -17ISR011, JEYAWIN D - 17ISR015, KAVIN PRADEEP V - 17ISR019, THIRUMOORTHY C S - 17ISR052
2	CONCEPT SQUAD	LAVANYA P	Ms.S.ARUNA	SARMIKA N - 17ISR042 , RUBINI M - 17ISR037 , SANDHIYA M - 17ISR038
3	INTEGRATED MIND HEAD	MOWNIKA R	Mr.M.ARUMUGAM	VARNIHA B-17ISR054, SWETHA M-17ISR050, DEEPA T-17ISR005, SHREE MONIKA M R-17ISR045
4	Pentamerous Pirates	Pranesh P	Ms.C.JAMUNADEVI	AJITH T (17ISR001), SARAVANA RAJA P P (17ISR041), DHARSHINI A (17ISR007), VIDHYA E N(17ISR056)
5	Solvers	Santhosh PD	Dr.G.R.SREEKANTH	Prem SR, Magesh Kumar N, SreeRam R, Janakiraman B R
6	Error By Night	Shiwangi Ojha	Ms.S.DEEPA	17ISR009 DIVYA BHARATHI D,17ISR047 SNEHA P ,17ISR028-NIVETHA L,17ISR055-VARSHAA M.
7	TECH ARMY	VIDHYA SHREE R	Ms.M.MANGAYARKARASI	M. KALAIVANI - 17ISR016 , M. OVIYA - 17ISR029 , G. DHIVYA BHARATHI - 17ISR008
8	Science Squad	J Bharanitharan	Ms.S.DEEPA	A.L Deepakraj - 18ISR006, M.B Myleshan - 18ISR028, S.M.Harshath - 19ISR024, M.Kurinji Malaravan - 19ISR032
9	Sparkout	Haries Palaniappan	Ms.K.KARTHIKA	Null
10	Fab Five	Mohammed Salman J	Ms.T.E.RAMYA	Dharshan K 19ISR016, Harishri S 19ISR023, Dhivya P 19ISR018 Jayakkavin E 18ISR017
11	Squad	Neela Varshini S	Ms.P.SHANMUGAPRIYA	M.Janani 18ISR015 , K. Kishore 18ISR025, P. Nishanthini 18ISR030, G.M. Siddharrth 18ISR047
12	Rebels	Prashanth N	Ms.S.DEEPA	Gayathri A - 18ISR011 Sakthi Samyuktha.S - 19ISR045 Khanimozhi.T - 19ISR031 Venkattamal.G - 19ISR059
13	Schrodinger's cats	Prashanth N	Dr.T.MARAGATHAM	Gayathri A 18ISR011
14	Team Developers	Sundhar S G	Dr.G.R.SREEKANTH	Harish P (18ISR014) Hari Hara Raj V (18ISR012) Poorna Chandran V (18ISR034) Priyananthan N B (18ISR038)
15	Creative hub	Vijay Kumar A	Ms.MALATHI ESWARAN	Vijay Kumar A (18ISR057),Vignesh T(18ISR056), Kannan A.C (18ISR018) Karthikeyan C(18ISR020) , Paramasivam

				A(18ISR032).
16	SYSTEM ZOMBIES	Abishek.S	Dr.P.ANANTHI	D.Hariharan-19isr022,R.S.Manoj-19isr034,N.Shandheep-19isr051
17	The Optimists	Anusuya K	Ms.S.ARUNA	Bharathi Priya R - 19isr010, Divya Dharshini V. S -19isr019, Sandhiya. S - 19isr046, Surthi Lakshmi - 19isr055
18	Avengers	Bhavesh	Mr.M.ARUMUGAM	Lalith Kishore - 19ISR033, Sarathkumar - 19ISR047, Pradeep - 19ISR042, Pallvarnan - 19ISR041
19	Defenders	Dharshini K	Ms.C.JAMUNADEVI	Amirthavarshini. D - 19isr003 Aparna. H - 19isr005 Aradhya. T - 19isr006 Dharshini. K - 19isr017 Dhivyashree S - 19isr020
20	Freaky Triple	KANISHKA S	Dr.S.SHANTHI	DURGA DEVI P-19ISR021 HARSHINI M-19ISR025 JAIVARSHINI N S-19ISR027 PRADISA T-19ISR043
21	Asteroids	Keerthivasan V	Ms.S.HAMSANANDHINI	1)19ISR014 - Deepthi M, 2)19ISR015 - Dharaneedharan M, 3)19ISR035 - Monika M ,4)19ISR036 - Nandhini V,5) 19ISR030 -keerthivasan
22	CODE ENTHUSIASTS	NITHISH	Dr.P.ANANTHI	ARUN PRAGASH (19SR007) , NELSON SAMUVEL (19ISR037) , NISANTH ASWIN (19ISR038)
23	Natpe Thunai	Omprasath.V	Mr.M.ARUMUGAM	Bavan P T - 19ISR009, Jyothi Prakash T - 19ISR028, Sree Sabarish G - 19ISR054
24	CORE FOUR	PRAVIN A L	Ms.P.YUVARANI	DEEPANKUMAR S (19ISR013), PRAVIN A L (19ISR044) , SIBI SURYA T (19ISR052) , SIVANANDHAM V (19ISR053) & SURYA PRAKASH R (19ISR056)
25	Awesome Admins	SELVARAJ.K	Ms.M.MANGAYARKARASI	DEEPAN N 19ISR012 SASIDHARAN G19ISR048
26	Dev's Crew ✨	Vignesh A	Ms.C.JAMUNADEVI	Akshaya J - 19ISR002, Jaikishore N - 19ISR026, Sweatha M - 19ISR057, Thirumalesh K - 19ISR058
27	The_five_champs	Aiswaryaa Bahuleyan	Dr.S.SHANTHI	Aiswaryaa Bahuleyan - 20ISR002 . Harini M 20ISR018 . Harsha vardhini 20ISR020. Sankeerna S N 20ISR044. Thanu Sri T 20ISR054.
28	PY creators	Aravinth . S	Ms.S.HAMSANANDHINI	Aravinth . S (20ISR004) , Kathirmurugan . A(20ISR021) , Gokil kann (20ISR013) , Sanjay vanan .S.G .(20ISR042)
29	Rainbow Warriors	Gokilavani C	Dr.G.R.SREEKANTH	Abarna S (20ISR001) Aswathy (20ISR006) Nandhika A G K(20ISR029) Gokilavani C (20ISR012)
30	NPG CREATERS	Gokul S	Dr.C.R.DHIVYAA	20ISR043, 20ISR035, 20ISR052,

				20ISR030, 20ISR014
31	The Creatives	HARDHIKA	Dr.T.MARAGATHAM	Anusurya.R 20ISR061 , Anusuya.R 20ISR003, Hardhika 20ISR017,Ashwin kumar- 20ISR07 ,Shiwangi-17ISR044
32	Conquerors	S.Kavinkumar	Dr.C.R.DHIVYAA	Yokesh.R(20ISR060) , S.Naveen kumar (20ISR031) ,B.G.Harris (20ISR019)
33	Twinning girls	Mathu Priya.S	Ms.P.YUVARANI	Sailasri.KV-20ISR040 Nithya.S- 20ISR032
34	Stunners	Pravin Krishna.G	Ms.MALATHI ESWARAN	B.Saran Babu(20ISR045),S.P.Saranesh(2 0ISR046),C.Lakshin(20ISR025),A. N.Sudharshan(20ISR051)
35	Free thinkers	Prema.J	Ms.S.ARUNA	Ragavi.A(20ISR038),Mothika.G(20ISR028),Roja.R(20ISR039)
36	TEAM GARUDA	SAKTHIGANESAN G	Ms.P.SHANMUGAPRIYA	SHREE SANJAI DV 20ISR047, GUHAN S 20ISR016 , ASWIN RAJ 20ISR008
37	TECH BULLS	SRIDHAR.K	Dr.S.SHANTHI	KIRTHICK RANJAN. M (20ISR024), POOBESH.K.C(20ISR033),PRA GADEESH.D(20ISR034),SUDHA RSANAM.G(20ISR050)
38	TM OG DEMONS	Arun Prasath.D	Dr.P.ANANTHI	Arun Prasath.D(20ISR05) , Gowtham.S(20ISR015), Vignesh.K(20ISR058), Varshaa.M(17ISR055), Varniha.B(17ISR54)
39	Champion boys	Tamilarasn	Ms.K.KARTHIKA	UTHRA KUMAR S (20ISR056),DINESH KUMAR(20ISR011),VIGNESH L(20ISR059),TAMILARASAN.M(20ISR053)
40	Rated R superstars	Vidhyashankar D	Ms.M.MANGAYARKARASI	Kavin B R(20ISR022), mohanvikas R(20ISR027), Tharunvikas S S(20ISR055)

Shortlisted teams from IDEATHON to PoC contest:

S No	TEAM NAME	TITLE	TEAM LEAD NAME	MENTOR	NAME AND ROLL NUMBER OF TEAM MEMBERS	ABSTRACT
1	Pentamorous Pirates	COVID-19 AWARENESS DIGITAL GAME FOR AUTISM CHILDREN	Pranesh P	Ms.C.JAMUNADEVI	AJITH T (17ISR001), SARAVANA RAJA P P (17ISR041), DHARSHINI A (17ISR007), VIDHYA E N(17ISR056)	https://drive.google.com/open?id=15eIpWSXIToHXjz2dZqhWCAG9cA5mMhxA
2	Solvers	AWS Webserver using Terraform	Santhosh PD	Dr.G.R.SREEKANTH	Prem SR, Magesh Kumar N, SreeRam R, Janakiraman B R	https://drive.google.com/open?id=1M59d71laCoB453MXowQ-IZPEdyZJdTrD
3	TECH ARMY	CO-ZONE TRACKER	VIDHYA SHREE R	Ms.M.MANGAYARKAR ASI	M. KALAIVANI - 17ISR016 , M. OVIYA - 17ISR029 , G. DHIVYA BHARATHI - 17ISR008	https://drive.google.com/open?id=1896m6vcRLhVekvmqh8B7TGJdorEYDtB
4	Science Squad	Automatic Energy Capturer	J Bharanitharan	Ms.S.DEEPA	A.L Deepakraj - 18ISR006, M.B Myleshan - 18ISR028, S.M.Harshath - 19ISR024, M.Kurinji Malaravan - 19ISR032	https://drive.google.com/open?id=1AyLxvvumGpd3fhfIJQJ13yUIC1o4Z829m
5	Sparkout	Sparkout OS	Haries Palaniappan	Ms.K.KARTHIKA	Null	https://drive.google.com/open?id=1Q3r4mTQVqmLUucvF9nh3kzyF8Aa9j4H8
6	Fab Five	Automated Physical Attendance	Mohammed Salman J	Ms.T.E.RAMYA	Dharshan K 19ISR016, Harishri S 19ISR023, Dhivya P 19ISR018 Jayakkavine 18ISR017	https://drive.google.com/open?id=13l3j8Ag0_oCU-QjZzvTSDiNfc-tbQ57c
7	Squad	Facial Emotion Recognition and Detection in Python using Deep Learning	Neela Varshini S	Ms.P.SHANMUGAPRIYA	M.Janani 18ISR015 , K. Kishore 18ISR025, P. Nishanthini 18ISR030, G.M. Siddharth 18ISR047	
8	Rebels	Unemployment	Prashanth N	Ms.S.DEEPA	Gayathri A - 18ISR011 Sakthi Samyuktha.S - 19ISR045	https://drive.google.com/open?id=1C1w

					Khanimozhi.T - 19ISR031 Venkattamal.G - 19ISR059	O_VBQwz5U rC- 1erDPF6iph1 d0Oz5W
9	Schrodinger's cats	Carbon capture utilization and storage in vehicles	Prashanth N	Dr.T.MARAGATHAM	Gayathri A 18isr011	https://drive.google.com/open?id=1yIBv64wpfktwHTpb3Sv6tKJkRu5XyaPi
10	SYSTEM ZOMBIES	Online housing and properties	Abishek.S	Dr.P.ANANTHI	D.Hariharan- 19isr022,R.S.Manoj- 19isr034,N.Shandheep-19isr051	https://drive.google.com/open?id=13vxtRBZEbXDf9z_Mw23YO9TYNse9H7rn
11	The Optimists	Designing an Safety Application for Children using sensor	Anusuya K	Ms.S.ARUNA	Bharathi Priya R - 19isr010, Divya Dharshini V. S - 19isr019, Sandhiya. S - 19isr046, Surthi Lakshmi - 19isr055	https://drive.google.com/open?id=1CouJmQBRTCNo1ZLV96jQV5CZt3Ms8RzK
12	Avengers		Bhavesh	Mr.M.ARUMUGAM	Lalith Kishore - 19ISR033, Sarathkumar - 19ISR047, Pradeep - 19ISR042, Pallvarnan - 19ISR041	
13	Defenders	Smart City Management	Dharshini K	Ms.C.JAMUNADEVI	Amirthavarshini. D - 19isr003 Aparna. H - 19isr005 Aradhya. T - 19isr006 Dharshini. K - 19isr017 Dhivyashree S - 19isr020	https://drive.google.com/open?id=1bmwQ8KQF6OmQmj7-WDcL4kJoQqj0eb6K
14	Freaky Triple	Student Activity Points	KANISHKA S	Dr.S.SHANTHI	DURGA DEVI P- 19ISR021 HARSHINI M-19ISR025 JAIVARSHINI N S- 19ISR027 PRADISA T-19ISR043	https://drive.google.com/open?id=1EHCxcPI-UFtj6ODLVs8V24Yj4EPI9-TL
15	Asteroids	Face mask detection using artificial intelligence	Keerthivasan V	Ms.S.HAMSANANDHINI	1)19ISR014 - Deepthi M, 2)19ISR015 - Dharaneedharan M, 3)19ISR035 - Monika M ,4)19ISR036 - Nandhini V,5) 19ISR030 - keerthivasan	https://drive.google.com/open?id=1uuyQl9xHSx4B8GP6NC9MmxzZM0KEnlxk
16	CODE ENTHUSIAST S	Food waste management	NITHISH	Dr.P.ANANTHI	ARUN PRAGASH (19SR007) , NELSON SAMUVEL (19ISR037) , NISANTH ASWIN (19ISR038)	https://drive.google.com/open?id=1mm8grGgUjeEo86JQkdcPoxl5dgmVkmhT

17	CORE FOUR	Mobile Application For Online Video Recording .	PRAVIN A L	Ms.P.YUVARANI	DEEPANKUMAR S (19ISR013), PRAVIN A L (19ISR044) , SIBI SURYA T (19ISR052) , SIVANANDHAM V (19ISR053) & SURYA PRAKASH R (19ISR056)	https://drive.google.com/open?id=1_fasb-MJojsSlJmtzUiz8LuvCj-bYsS9
18	Awesome Admins	Making Operating System	SELVARAJ.K	Ms.M.MANGAYARKAR ASI	DEEPAN N 19ISR012 SASIDHARAN G19ISR048	https://drive.google.com/open?id=1LFsb-lGxMJArbGB8SiVGiKksHcH96Uz7
19	Dev's Crew ✦✧	File sharing over Internet	Vignesh A	Ms.C.JAMUNADEVI	Akshaya J - 19ISR002, Jaikishore N - 19ISR026, Sweatha M - 19ISR057, Thirumalesh K - 19ISR058	https://drive.google.com/open?id=1edcTDDvCzdDoLBS5z_IFO0B4DwtzJdUw
20	The_five_champs	Health Care Tips	Aiswaryaa Bahuleyan	Dr.S.SHANTHI	Aiswaryaa Bahuleyan - 20ISR002 . Harini M 20ISR018 . Harsha vardhini 20ISR020. Sankeerna S N 20ISR044. Thanu Sri T 20ISR054.	https://drive.google.com/open?id=1osK0qhuT_WAoetq1mVooOPb-Mfq76Bz9
21	PY creators	Chemical heat exchangers	Aravinth . S	Ms.S.HAMSANANDHINI	Aravinth . S (20ISR004) , Kathirmurugan . A(20ISR021) , Gokilkanna (20ISR013) , Sanjay vanan .S.G .(20ISR042)	https://drive.google.com/open?id=12j8cR3lpDKJ52d4PvXHupBl-XGTojZIK
22	NPG CREATERS	Rain Detector Project	Gokul S	Dr.C.R.DHIVYAA	20ISR043, 20ISR035, 20ISR052, 20ISR030, 20ISR014	https://drive.google.com/open?id=1J9WVbo8UKfPojZUxqDtc8epliP5atlc
23	The Creatives	THE SMART Robo-Bin	HARDHIKA	Dr.T.MARAGATHAM	Anusurya.R 20ISR061 , Anusuya.R 20ISR003, Hardhika 20ISR017,Ashwin kumar-20ISR07 ,Shiwangi-17ISR044	https://drive.google.com/open?id=1iplLixy893lqdf7wCPBEjS6jd8qojDS7
24	Conquerors	Motorep	S.Kavinkumar	Dr.C.R.DHIVYAA	Yokesh.R(20ISR060) , S.Naveen kumar (20ISR031) ,B.G.Harris (20ISR019)	https://drive.google.com/open?id=1UV-A1UxqLTeVUQIBNspRV9eEbVeGb4Je
25	Twinning girls	E-Billing software	Mathu Priya.S	Ms.P.YUVARANI	Sailasri.KV-20ISR040 Nithya.S-20ISR032	https://drive.google.com/open?id=1BN-SIL3dksNwflXhygkq_C0iKQSRt_io

26	Stunners	Unemployment of India	Pravin Krishna.G	Ms.MALATHI ESWARAN	B.Saran Babu(20ISR045),S.P. Saranesh(20ISR046),C. Lakshin(20ISR025),A. N.Sudharshan(20ISR051)	https://drive.google.com/open?id=15rD278pBjJipSJMf5D21avZ8jchPld-j
27	TEAM GARUDA	Curve Fitting	SAKTHIGANE SAN G	Ms.P.SHANMUGAPRIYA	SHREE SANJAI DV 20ISR047, GUHAN S 20ISR016 , ASWIN RAJ 20ISR008	https://drive.google.com/open?id=1E_dN3TctLg0V-gCDVYYBiod1GL-OYui1
28	TECH BULLS	E- Library management	SRIDHAR.K	Dr.S.SHANTHI	KIRTHICK RANJAN. M (20ISR024), POOBESH.K.C(20ISR033),PRAGADEESH. D(20ISR034),SUDHAR SANAM.G(20ISR050)	https://drive.google.com/open?id=1IMQak4ogRf2PPLD4BODtFcWqvZmu4kg
29	Champion boys	Website for social service	Tamilarasn	Ms.K.KARTHIKA	UTHRA KUMAR S (20ISR056),DINESH KUMAR(20ISR011),VIGNESH L(20ISR059),TAMILARASAN.M(20ISR053)	https://drive.google.com/open?id=19SOAP19YV49mHAmpyF5qLQOr_NI7fM3A
30	Rated R superstars	Online Library Management System	Vidhyashankar D	Ms.M.MANGAYARKAR ASI	Kavin B R(20ISR022), mohanvikas R(20ISR027), Tharunvikas S S(20ISR055)	https://drive.google.com/open?id=1ivU5YV22Pa7PufJTHPKcXa09voB_Abqk

Winning team details:

Prize	TEAM NAME	TITLE	TEAM LEAD NAME	MENTOR	NAME AND ROLL NUMBER OF TEAM MEMBERS
I	Schrodinger's cats	Carbon capture utilization and storage in vehicles	Prashanth N	Dr.T.MARAGATHAM	Gayathri A 18isr011
II	Fab Five	Automated Physical Attendance	Mohammed Salman J	Ms.T.E.RAMYA	Dharshan K 19ISR016, Harishri S 19isr023, Dhivya P 19ISR018 Jayakkavin E 18ISR017
III	TEAM GARUDA	Curve Fitting	Shakthiganesan G	Ms.P.SHANMUGAPRIYA	SHREE SANJAI DV 20ISR047, GUHAN S 20ISR016 , ASWIN RAJ 20ISR008

Photos:



Photo 1: Students explaining their idea to the panel members Ms.M.Mangaiyarkarasi and Ms.C.Jamunadevi



Photo 2: Panel members querying the students on their idea Dr.G.R.Sreekanth and Mr.M.Arumugam



Photo 3: Students presenting their idea to the panel members
Dr.P.Ananthi and Ms.K.Karthika

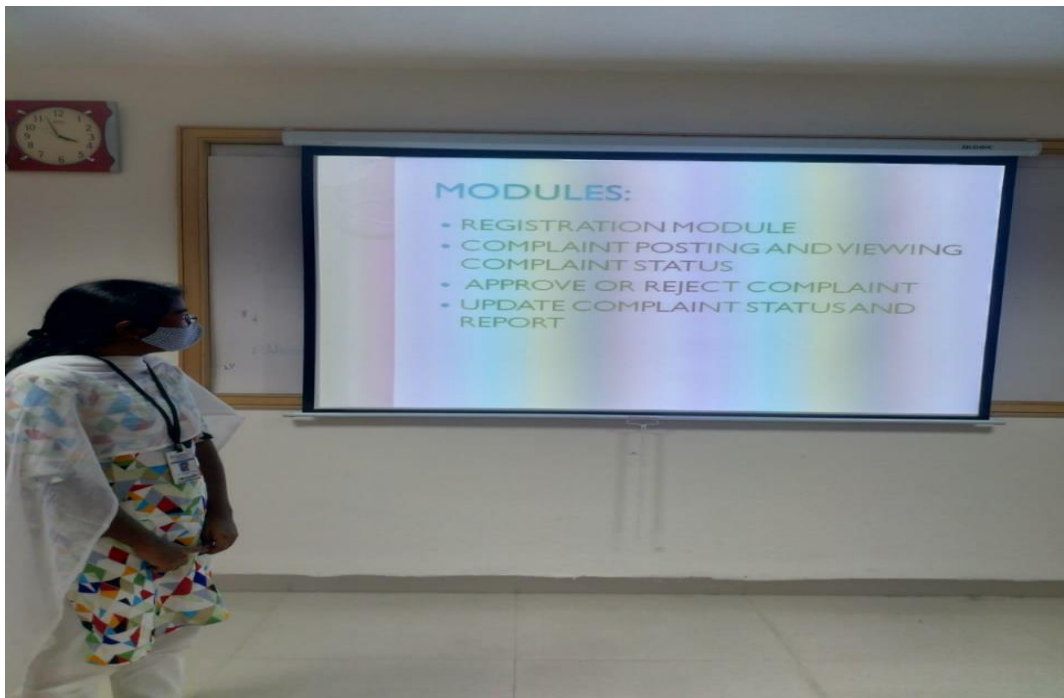


Photo 4: Final year Student presenting her team's idea.

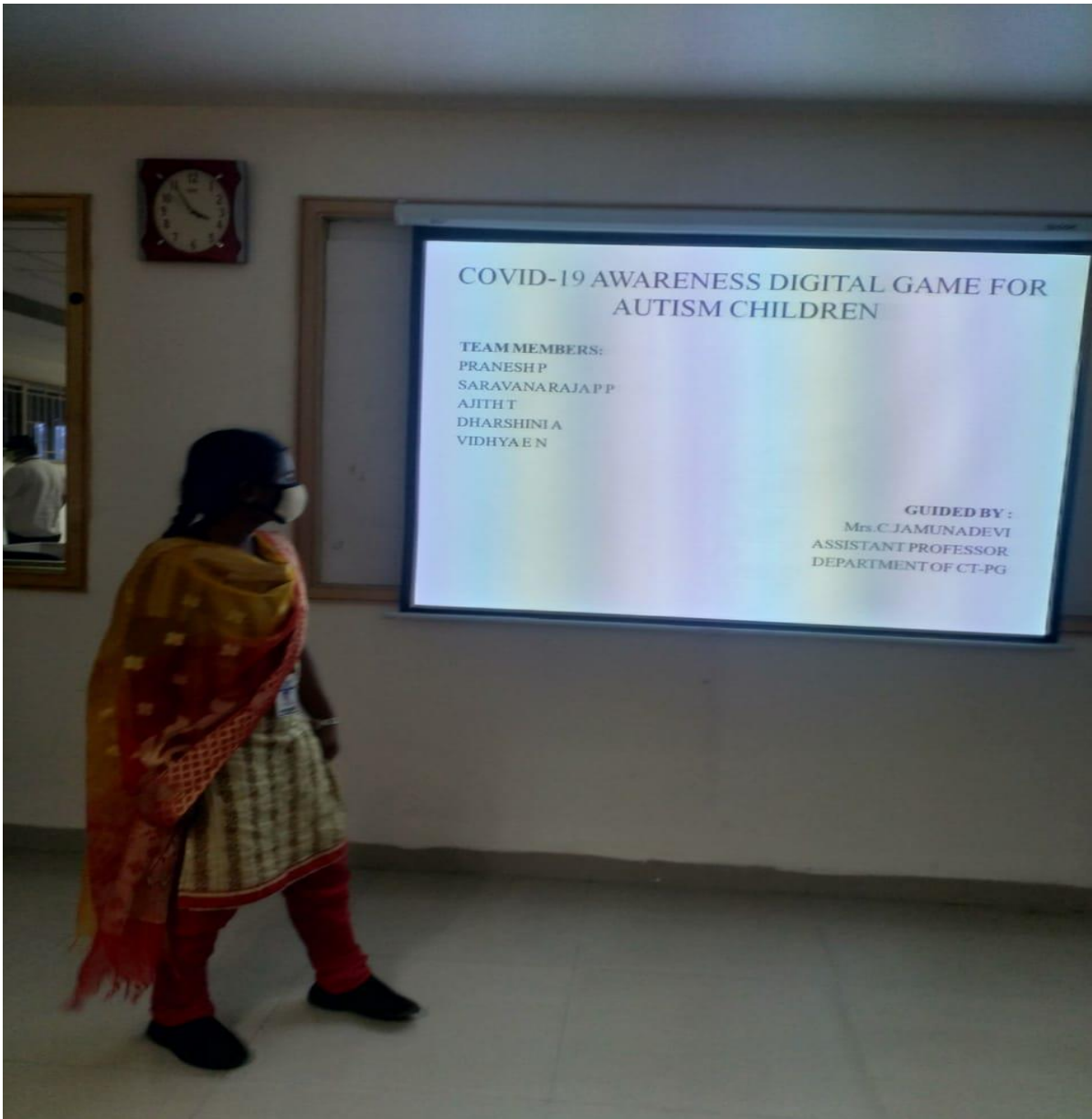


Photo 5: Final year Student presenting her team's idea.



KONGU ENGINEERING COLLEGE

Perundurai, Erode-638060



ASSOCIATION OF CT-UG and INSTITUTION'S INNOVATION COUNCIL



Presents

IDEATHON-2K21

Celebration of National Innovation Day

Promote Your Innovation

IDEATHON
(29th & 30th Sept 2021)

1ST Prize- 3000
2nd Prize- 2000
3rd Prize- 1000

PROOF OF CONCEPT
(22nd & 23rd Oct 2021)

1ST Prize- 5000
2nd Prize- 3000
3rd Prize- 2000

**LAST DATE FOR
ABSTRACT
SUBMISSION**



27.09.2021



*Scan QR code to submit Abstract

STAFF COORDINATORS :

Mrs.D.Hemalatha

Dr.N.T.Renukadevi

Dr.C.Menaka

UP TO
₹. 20,000/-

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060

AD-12-PP
REV 1
01-01-2021

PROGRAMME APPROVAL FORM

Proposal Tracking No. KEC/CTUG/2021-2022/09/0005

Dept. Ref. No. B.Sc./2021-2022/005

Date 23.9.2021

1.	Department:	CT-UG		
2.	a) Name of the Programme	KEC IDEATHON 2021		
	b) Norms under which it is proposed	Association		
3.	Dates:	From: 30.9.2021	TO:	No. of Days 1
4.	Programme for:	Faculty	Students ✓	Others (Specify)
5.	Level:	State / National / International	Association ✓	Institution / Dept. / Cell / General
6.	Highlights of the Programme:	To exhibit innovative ideas at department level under KEC IDEATHON 2021 programme		

1. Proposed Invitees:

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	-	-		
2				

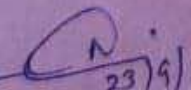
2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure:

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1	Prize Money	6000.00			
2	Miscellaneous	1000.00			
3					
4					
5					
6					
Total		7,000.00			

4. Source:

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

N. T. R. 
23/9/21
Faculty i/c (with Name)
(N. T. Renuka Devi)

P. R. H. S. M.
H.O.D 23/9

CCO

PRINCIPAL

KONGU ENGINEERING COLLEGE,PERUNDURAI 638060
DEPARTMENT OF COMPUTER TECHNOLOGY-UG
 IDEATHON 2021 PARTICIPANTS LIST

Team No	TEAM LEADER	BRANCH	YEAR	ROLL NUMBER	GUIDE	MEMBER 1	MEMBER 2	MEMBER 3	MEMBER 4	MEMBER 5
3IS1	Narmatha.S	IS	3	19BIR030	S.SARANYA					
2CSD1	HEMA VARSHINI.P	CSD	2	20BCR016	S.PARVATHAVARTHINI	ELSIA M, 20BCR012				
2IS1	KARTHIKA RT	IS	2	20BIR024	V.VISHNU PRIYA	20BIR024	20BIR033	20BIR037	20BIR049	20BIR051
2SS1	Arrun sanjeev.N	SS	2	20BSR003	N.T.RENUKADEVI	20BSR002	20BSR003	20BSR015	20BSR025	20BSR052
2SS2	BHARATHRAJ K.V	SS	2	20BSR006	C.MENAKA	NISHATH.T 20BSR036	KRISHNAKANTH	RUDRESH.V 20BSR043	DHANEESH.M 20BSR009	BHARATHRAJ.KV 20BSR006
2IS2	GURUVENKATESH	IS	2	20BIR019	V.VISHNU PRIYA	Surjith kumar 20BIR054	Harsha 20BIR022	ASWIN 20BIR007	Sabareesh 20BIR042	Ashwin 20BIR061
2SS3	Devadharshini B	SS	2	20BSR008	C.N.VANITHA	Devadharshini B ,20BSR008	Kavina S,20BSR026	Shwetha C,20BSR050	Vanitha M ,20BSR059	Sathya Sri G,20BSR048
2CSD2	RANITHA.S	CSD	2	20BCR033	S.NANDINIDEVI	RANITHA.S 20BCR033	MEGAVARTHINI 20BCR026	THANUSHA.L 20BCR054	SUBA SRI 20BCR052	
2SS4	SRUTHIKA.M	SS	2	20BSR055	P.GOKILABRINDHA	SATHIYABARANI .A.N,20BSR047	KAVIYA.K,20BSR028	HARSHINI.R,20BSR024	KAVIVARSHINI.M,20BSR027	SRUTHIKA.M,20BSR055
2CSD3	SRE NIRANJAN KUMAR.K.B	CSD	2	20BCR050	M.SANTHIYA	Aneesh Kumar.M ,20BCR001	Aswin.M,20BCR004	Mohan Kumar.P,20BCR027	Zuhaib Aktar ali.N,20BCR060	Sre Niranjan Kumar K.B, 20BCR050
2CSD4	DEEPADHARSHINI. G	CSD	2	20BCR005	M.N.KAVITHA	DEEPADHARSHINI. G (20BCR005)	SOUNDRAYA.G (20BCR048)	SNEHA . R(20BCR047)	DHAARANI. S(20BCR006)	NITHISHREE. P(20BCR029)
2CSD5	Kavidharshini.I	CSD	2	20BCR021	M.SANTHIYA	Mounisha.L ,20BCR028	Nandini.R.S, 20BIR032	Sneha.D ,20BCR046	Kavidharshini.I, 20BCR021	
3SS1	Chandana S P	SS	3	19BSR007	S.KARUNAKARAN	Chandana S P, 19bsr007				
3CSD1	S. Swetha Nachiyar	CSD	3	19BCR057	K.SATHYA	S. Sindhu, 19BCR052	P. Dharani, 19BCR010	GOKULBHARANI D S, 19BCR017	NAREN DK, 19BCR033	
3SS2	DURGA DEVI M	SS	3	19BSR011	K.SARASWATHI	SUBHIKA T				
3CSD2	Sharvanthika.k.s	CSD	3	19BCR050	S.KALAISELVI	Sharvanthika.k.s	Kavin prakash.M	Harishankar.K	Suwetha	Sangeetha
3IS2	JANANI N	IS	3	19BIR019	N.T.RENUKADEVI	ABHINAYA T, 19BIR001	Devadharshini T, 19BIR011	Priyadharshini P, 19BIR035	Sanjivini G, 19BIR040	Janani N, 19BIR019
2IS3	Haripriya S	IS	2	20BIR020	N.T.RENUKADEVI	Dhanya B 20BIR013	Haripriya S 20BIR020	Darsini R 20BIR009	Shobika S 20BIR047	Malathy N R 20BIR029
3IS3	Varshini S	IS	3	19BIR054	S.POORANI	Sasmita K 19bir042				
3CSD3	Janani Sri. S	CSD	3	19BCR022	M.N.KAVITHA	JAYAVARTHINIY.K,19BCR023	Janani Sri. S,19BCR022	Kalpana.V 19BCR024	Haritha.R,19BCR020	-
3CSD4	GOKUL C	CSD	3	19BCR016	S.PARVATHAVARTHINI	GOKUL C, 19BCR016				
3IS4	Jamuna k s	IS	3	19BIR018	S.MALATHY	Jamuna k s	Anbarasu S , 19BIR003	Brindha S , 19BIR007	Kaviya sri T A , 19BIR024	
3IS5	CHIBI S	IS	3	19BIR009	P.GOKILABRINDHA	CHIBI	KRISHNA	VIKASS		
3IS7	SHIVA	IS	3	19IR044	A.KALYANASARAVANAN	SHIVA	GOWTHAM	VISHNU VARTHAN		
3IS6	SHOBAN	IS	3	19BIR045	C.MENAKA	SHOBAN	ISHWA	JAYA PRAKASH		
2IS4	Swetha P	IS	2	20BIR055	S.KAVITHABHARATHI	Sri Harini Priyaah B , 20BIR052	Srivarshini M , 20BIR048	Madhan T , 20BIR028	Gowtham R , 20BIR018	
3CSD5	Priyasri E	CSD	3	19BCR039	S.SUJITHA	Aarthi R-19BCR001	Aishwaryaa ks-19BCR003	Dhanushmita B 19BCR009	Priyasri E 19BCR039	
2IS5	THARSHINI C	IS	2	20BIR056	S.POORANI	THARSHINI C, 20BIR056	DIVYA DHARSHINI S, 20BIR015	NAVANEETA S, 20BIR035	AARTHI N, 20BIR001	SUBASHINI R, 20BIR053
2IS6	SABBHTA NISANI V N	IS	2	20BIR043	K.SATHIYA	SABBHTA NISANI V N, 20BIR043	ASVIKAA G J, 20BIR006	NAVANEETA M, 20BIR034	RANJITH P, 20BIR040	



KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAL, ERODE - 638 060

SCHOOL OF COMPUTER TECHNOLOGY AND APPLICATIONS
DEPARTMENT OF COMPUTER TECHNOLOGY -UG



Kongu Engineering College

Ref No: 2021-2022 / CT-UG/ODD/23

18.09.2021

CIRCULAR

This is to inform that Association of Computer Technology-UG is conducting CT-UG IDEATHON 2021 which is the platform to promote your ideas, where your ideas are turned into a Model. Individual or Group of students can participate (maximum 5 members of the team). Last date for submission of your idea is 25.09.2021. Last date for registration is 21.09.2021

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Faculty-in-charge

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HOD/CT-UG



KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI, ERODE - 638 060



SCHOOL OF COMPUTER TECHNOLOGY AND APPLICATIONS
DEPARTMENT OF COMPUTER TECHNOLOGY -UG

Ref No: 2021-2022 / CT-UG/ODD/32

27.09.2021

CIRCULAR

This is to inform that the review for IDEATHON 2K21 of CT-UG Department will be conducted on 29.09.2021 (Wednesday). Regarding this, the student participants are asked to present their project ideas without fail. The format of presentation and batch list are circulated in whatsapp group.

Time: 10:45 a.m. to 12:30 p.m

S.No	Batch nos.	Venue
1.	3CSD1 to 3CSD5 -5 batches	Thiruvalluvar Seminar Hall
2.	3IS1 to 3IS5 - 5 batches	Conference Hall
3.	3IS6, 3IS7, 3SS1,3SS2, 2CSD1 - 5 batches	Digital Lab
4.	2CSD2 to 2CSD5, 2IS1 - 5 batches	Electrical Lab
5.	2IS2 to 2IS6 - 5 batches	CC3
6.	2SS1 - 2SS4 - 4 batches	G14

1.
2. Coordinator(s) 27/9/21

27/9/21
HOD/CT-UG

III CSD - IS - SS

II CSD IS - (NTR) SS -
(S. Senthil Kumar)



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DEPARTMENT OF COMPUTER TECHNOLOGY –UG

Ref No: 2021-2022 / CT-UG/ODD/31

27.09.2021

CIRCULAR

This is to inform that the review for IDEATHON 2K21 of CT-UG Department will be conducted on 29.09.2021 (Wednesday). Regarding this, the following reviewers are requested to conduct the review for the project ideas.

Time: 10:45 a.m. to 12:30 p.m

S.No	Reviewers			Venue
	Reviewer 1	Reviewer 2	Batch nos.	
1.	Ms.S.NandhiniVdevi <i>S. Nandhini</i>	Ms.M.N.Kavitha <i>M.N. Kavitha</i>	3CSD1 to 3CSD5 - 5 batches	Thiruvalluvar Seminar Hall
2.	Dr.S.Parvathavarthini <i>S. Parvathavarthini</i>	Ms.D.Hemalatha <i>D. Hemalatha</i>	3IS1 to 3IS5 - 5 batches	Conference Hall ✓
3.	Dr.S.Karunakaran <i>BRS et VGS</i>	Mr.A.Kalyanasaravanan <i>A. Kalyanasaravanan</i>	3IS6, 3IS7, 3SS1,3SS2, 2CSD1 – 5 batches	Digital Lab
4.	Dr.C.N.Vanitha <i>C.N. Vanitha</i>	Ms.P.Gokilabrindha <i>P. Gokilabrindha</i>	2CSD2 to 2CSD5, 2IS1 – 5 batches	Electrical Lab ✓
5.	Dr.N.T.Renukadevi <i>N.T. Renukadevi</i>	Ms.K.Sathya <i>K. Sathya</i>	2IS2 to 2IS6 – 5 batches	CC3 ✓
6.	Dr.C.Menaka <i>C. Menaka</i>	Ms.S.Poorni <i>S. Poorni</i>	2SS1 – 2SS4 – 4 batches	G14 ✓

1. *[Signature]*
2. *[Signature]* 27/9
Coordinator(s)

P. NR Srinivasan
27/9
HOD/CT-UG


KONGU ENGINEERING COLLEGE, PERUNDURAI , 638 060

DEPARTMENT OF CT-UG

IDEATHON 2K21 - PROJECT IDEA REVIEW - 29.09.2021

PRIZE WINNERS LIST

Team No	TEAM LEADER	BRANCH	TITLE	GUIDE	TEAM MEMBERS	PRIZE
3CSD1	S. Swetha Nachiyar 19BCR057	CSD	IOT based water quality monitoring system for Residential application	Mrs.K.SATHYA	1) S. Sindhu -19BCR052 2) P. Dharani- 19BCR010 3) Gokulbharani D S- 19BCR017 4) Naren DK - 19BCR033	I
2SS1	Arrun sanjiev.N 20BSR003	SS	Analysis of societal issues using Mobile Application	Dr.N.T.RENUKADEVI	1) Amirtharaj A -20BSR002 2) Ghogulapriyan C - 20BSR015 3) Kavin K - 20BSR025 4) Sivakarthiskeyan B - 20	II
2CSD1	Hema Varshini .P 20BCR016	CSD	Public Transportation Sensor	Dr.S.PARVATHAVARTHINI	1) Elsia M 20BCR012	III


Faculty Incharge


HOD/CT-UG



KONGU ENGINEERING COLLEGE
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PERUNDURAI - 638060
DEPARTMENT OF AUTOMOBILE ENGINEERING
AEA - IIC - IDEATHON 2021-22



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education initiative)



S.No	Name	Mentor	Topic	Innovative Idea (20)	Future Scope (10)	Presentation (10)	Communication (10)	Total (50)
1	DINESH S	M. BOOPATHI	RAPID AND EFFICIENT DRYER	19	10	10	9	46
2	MOUNESH RAJA V	N. BOOPALAN	THERMAL MANAGEMENT SYSTEM IN LITHIUM ION BATTERY	16	9	9	9	43
3	MANOSH RINIVAS.N.M	K. NITHYANANDHAN	DESIGN OPTIMIZATION OF U-SHAPED HEAT PIPE IN A EVACUATED TUBE SOLAR COLLECTOR	16	9	9	9	42
4	SOUNDARA BARANIDARA	Dr. P. C. MURUGAN	DESIGN AND FABRICATION OF AUTOMOTIVE ELECTRIC MOTOR WASTE HEAT RECOVERY MODULE USING THERMOELECTRIC TECHNOLOGY	16	9	8	8	41
5	HARISHKUMAR MR	Dr. C.JEGADHEESAN	DEVELOPMENT OF ADAPTIVE HEADLIGHT SYSTEM FOR AUTOMOBILES	14	9	9	8	41
6	VIGNESH N V R	Dr. P.SOMASUNDARAM	DESIGN OPTIMIZATION OF HEAT PIPE FOR LITHIUM - ION BATTERY	16	9	9	8	40
7	HARI PRASATH G	K. NITHYANANDHAN	DESIGN OPTIMIZATION OF HEATPIPE IN EVACUATED TUBE COLLECTOR BASED SOLAR DRYER	15	9	8	8	39
8	SRIRAM T	S. SATHISKUMAR	DESIGN AND FABRICATION OF AUTOMOTIVE POLLUTION CONTROL USING BASE METAL AS CATALYST	15	8	8	7	39
9	KARTHIKRAJ R	P. SENTHIL KUMAR	VEHICLE OVERLOAD DETECTOR AND PREVENTER	15	8	8	8	38
10	HARISH S	M. BOOPATHI	ANTI-SLIP TONG	15	8	8	8	38
11	MANO KARTHIK S	Dr. C.JEGADHEESAN	DESIGN AND FABRICATION OF SAFETY BRAKING SYSTEM FOR AUTOMOBILES	13	8	8	8	37
12	ATHITHYA MURUGESH P	K. NITHYANANDHAN	A STUDY ON HYDROGEN FUELED ICE ENGINE BY USING AEM (ANION EXCHANGE MEMBRANE) ELECTROLYSER	15	8	7	7	37
13	NARASIMMA BHARATHI S	G. MANIKANDAN	MULTI-BEAM ADOPTER	16	8	8	7	37
14	PRAVEEN. S B	DR.C.JEGADHEESAN	AUTONOMOUS VEHICLE CHALLENGE FOR FUTURE	14	8	8	7	37
15	NITHEESH.M.R	K.S. KARTHI VINITH	ASSISTANCE FOR VISIBILITY IN UNCONDITIONAL WEATHER AND SITUATIONS.	12	8	8	8	36
16	RAVI RAM B	Dr. C.JEGADHEESAN	DESIGN AND FABRICATION OF HHO GENERATOR	13	8	8	7	36
17	DHARISH JOEL	K.S. KARTHI VINITH	DESIGN AND FABRICATION OF TEST EQUIPMENT OF AUTO COMPONENT IN SMALL SCALE INDUSTRY	13	8	8	8	36
18	AYAKRISHNAN S	DR. P. C. MURUGAN	DEVELOPMENT OF ENERGY EFFICIENT SMOKE HOUSE DRYER TOWARDS ZERO CARBON EMISSION.	13	8	8	7	35
19	ANBU PRANAV	K. NITHYANANDHAN	ACETYLENE POWERED ENGINE	14	7	7	6	34
20	DHANUSH ATHITHYA K B	G.MANIKANDAN	POWERING THE ELECTRIC CAR WITH DYNAMO	14	7	7	5	34
21	SUDHAKAR S	G.MANIKANDAN	SOLAR AND WIND MILL CHARGING STATION	13	7	7	7	34
22	VIGNESH R	N. BOOPALAN	HEAT TRANSFER PERFORMANCE IMPROVEMENT OF AUTOMOBILE RADIATOR USING NANOFLOIDS	12	7	7	7	33
23	SUBASH T	M. BOOPATHI	AQUA SILENCER	11	7	8	7	33
24	SUTHIR KUMAR K	Dr. V. THIVYAGARAJAN	RETROFITTING OF ICE VEHICLE TO ELECTRIC VEHICLE	11	7	7	7	32
25	VIGNESHWARAN S V	G.MANIKANDAN	CONVERSION OF PETROL BIKE INTO LPG	11	7	7	7	32
26	SURYA R	G. MANIKANDAN	INTERNAL AND EXTERNAL IMPROVEMENTS OF SOLAR DISTILLATION IN DIFFERENT 15CONFIGURATION OF DRINKING WATER PRODUCTION	9	6	8	8	31
27	AKASH B	P. SENTHIL KUMAR	ELECTRONIC CLUTCH ACTUATION SYSTEM	9	7	7	7	30
28	KARTHEEBAN RAJ S	Dr. P.SOMASUNDARAM	ENHANCING AND PERFORMANCE OF SOLAR PANELS SYSTEM BY USING WATER COOLING SYSTEM	11	6	6	6	29
29	RAGUL P	S. RANJITHKUMAR	REDUCTION OF HEAT IN DRUM BRAKE	10	5	5	5	25
30	SHARAN KURTHICK S	K.S. KARTHI VINITH	SEMI-AUTOMATIC CAR COVERING SYSTEM	10	5	5	5	25
31	SUDHAKAR	Dr. P.SOMASUNDARAM	PRODUCTION OF ELECTRICITY FROM ENGINE EXHAUST HEAT ORGANIC RANKINE CYCLE	10	5	5	5	25

K.S. Kesavini. 30/9/21

[ASSOCIATION IN-CHARGE]

30/9/21
[HOD/AUTOMOBILE]

KONGU ENGINEERING COLLEGE, PERUNDURAI – 638060

DEPARTMENT OF ECE

IDEATHON 2021

Date: 29.09.2021

Total team registered	91
Participated team	81
Shortlisted	44

JURY PANNEL

Pannel	Member 1	Member 2
Pannel 1	S. SUTHAGAR	G. MAGESHKUMAR
Pannel 2	S. SATHESH	Dr. A. ARULMURUGAN
Pannel 3	R. P. KARTHIK	Dr. S. SASIKALA
Pannel 4	Dr. S. GOMATHI	G. THIRUNAVUKKARASU

Flyer



KONGU ENGINEERING COLLEGE

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PERUNDURAI, ERODE - 638060



TRANSFORM YOURSELF

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ECE ASSOCIATION (ECEA), IETE STUDENT FORUM (ISF)
& INSTITUTION'S INNOVATION COUNCIL (IIC)



TECHTHIRST I

AN INTRA DEPARTMENT TECHNICAL SYMPOSIUM



E VENTS

TECHNICAL

Ideathon
Poster Presentation
Circuitrix
C Hunt

NON-TECHNICAL

Connections
Dare to Stand

IDEATHON PRIZES

1st Rs.3000

2nd Rs.2000

3rd Rs.1000

DATE: 29.09.2021

STREAM LINK: https://bit.ly/ECEA_Techthirst1

TIME: 9:00 AM to 4:15 PM

VENUE: Jawaharlal Nehru Seminar Hall

IDEATHON 2021 – EIE Report

Overview:

Objective:

The Intra College level event "IDEATHON'21" organised by Department Association, ISOI Students Chapter and Institution Innovation Council (IIC) on 28th September 2021 through online and physical. This event is organised with the objective to provide platform for the students to showcase their talent with a competitive spirit on their innovative idea. The event was successful enough to attract as many as 76 project registrations for an event.

List of Events:

Technical Events:

- Project Presentation : 76 Teams

Event Description:

In Idea presentation, all domain ideas were accepted and shortlisted through review. In Ideathon the review team questions were based on given problem statement on which the participants can formulate a process or method to solve the problem using algorithms and technology. Based on the review team marks, top 30 projects were selected for Proof of Concept (PoC) competition.



KONGU ENGINEERING COLLEGE
PERUNDURAI-638 060



DEPARTMENT OF ELECTRONICS
AND INSTRUMENTATION ENGINEERING



EIE ASSOCIATION & ISOI
STUDENTS' CHAPTER IN ASSOCIATION WITH IIC

PRESENTS

EIE IDEATHON



Exclusively for EIE student innovators

"Submit your Ideas On or
Before 27.9.2021 (4pm)"

CASH PRIZE:
6000

Form Link:
<https://forms.gle/Xd7xqgP5tHCHPcrb7>

SCAN HERE FOR
REGISTRATION



Contact: R. Santhosh(Secretary, EIE Association): 9894585961

Attachments:

EVENT NAME	GOOGLE MEET LINK
PROJECT PRESENTATION	https://meet.google.com/cej-urup-bsz https://meet.google.com/ahp-bfgz-wvx https://meet.google.com/cej-urup-bsz

IDEATHON COMPETITION

REVIEW:





Participations List :

S.No	Team Name	Team Leader Name and Roll No	Team Members Name and Roll No	Name of the Mentor	Title of the Idea
1	JARVIS	RESHNUVI R V (18EIR068)	MUTHUSELVI N (18EIR045), VARATHARAJ R (18EIR089)	Yuvaraj K	Iot Based Smart Irrigation System
2	TECHIE	HEMA BHARATHI P (18EIR029)	DHARANEESH P K (18EIR012), DHINAKAR M (18EIR013), HEMA BHARATHI P (18EIR029)	Mr.R.Suresh Kumar	Support Assistant Using Neural Network
3	MATRIX	SNEGA.R (18EIR079)	SARVESH.M.P (18EIL101), SWETHA.V.S (18EIR087)	Lizzy Nesa Bagyam.M	Automatic Cleaning of Ship Tanks Using Robotic Arm
4	TEAM ALPHA	KAVINKUMAR M (19EIR037)	HEMA V S (19EIR029), KISHORE K (19EIR040)	Rajkumar R	Modifying the Existing Vehicle Setup with Electric Motor
5	SPARKLES	PADMA PRIYA K (18EIR051)	RAMYA P (18EIR063), SARANYA R (18EIR075)	Ms.P.Revathi	Automatic Onion Harvester
6	KRISHERS	HEMACHANDIRAN N S (20EIR026)	MANO S (20EIR045), MAITHRA S (20EIR044)	B.Venkatesan	Recovery Of Lost/Stolen Mobile Phones
7	UNITED	GEETHANJALI D (19EIR022)	ANUJA E (19EIR002), MADHAVAN R (19EIL099)	Dr.M.PONNI BALA	Home Automation Using Iot And Artificial Intelligence.
8	MISSION:POSSIBLE	P.PRATHIKSHA A (18EIR056)	M.SHARIKA (18EIR077), S.SUIITHRA (18EIR085)	M.Lizzy Nesa Bagyam	Sign To Speech Conversio For Impaired Persons
9	INNOVATION GEEKS	VIGNESH A (18EIR094)	RISWAN AHAMED M.I (18EIR069) SOWNDHARYAN S (18EIR081)	Ms. P.Revathi	Design And Development Of Poundage Based Feeding Machine For Aquaculture
10	T-3	DIVYADHARSHINI E (18EIR017)	DEEPAK PRASATH G.S (18EIR010), DIVYADHARSHINI E (18EIR017), GOKUL V (18EIR019)	Dr.N.Mahesh	Smart Faucet With Automatic Door Control System
11	SMART TEAM	SRINITHI K (19EIR088)	SIVASANTHOSH.K (19EIR085), PRADEEP K J (19EIR059)	Dr.M.Ponnibala	Women Life Safety Band Using Iot
12	ELECTRO INFINITY TEAM	SHARU PREETHA S (19EIR081)	TARUN KUMAR.K.R (19EIL103), MURUGAN.S (19EIR051)	Mrs. M.Lizzy Nesa Bagyam	Methodology For Monitoring Of Harmful Substances In Fresh Fruits And Vegetable Available In Market.

13	BETA	SANJANA V (19EIR073)	VIKASHINI S N (19EIR095) ,YOGACHANDRAN J (19EIR097)	Selvakarathi D	Modified Solar Still Using Nano Particles And Pre Heating Of Saline Water
14	PEGASUS	POTRAL UDHAYAN S (18EIR053)	RATHISH P (18EIR066) , SANTHOSH R (18EIR072)	Jegan S	Advanced Honey Hives Monitor And Control System
15	SPARTANS	SUHITHA M (18EIR084)	RANJANI M(18EIR064), SUHITHA M (18EIR084), DINESH K (18EIL097)	Dr.K.Prabhu	Patient Friendly Hand Gesture Recognition Using Ai
16	A3	ARTHI G S (18EIR003)	ANITHA A(18EIR001), ANUSHYA S (18EIR002)	Dr.S.VIJAYAC HITRA	Automatic Fruit Sorting Machine Using PLC
17	ALPHA	ARUNA G (19EIR004)	M.AHAMED WAFIQ (19EIR001), GOKULNATH.M (19EIR026)	Mr. D. Selvakarathi	Smart Entry Barrier Using Iot
18	TRISTARS	L.B.MUKESH (20EIR049)	MUKILA.D (20EIR050)	Dr.K.PRABHU	Recovery Of Oil Spills Using Biological Technique
19	TEAM AMIGOS	ANGUSAMYJEE VA M(20EIR004)	ANGUSAMYJEEV A M(20EIR004),ASHI K C(20EIR006),MIDH UNASHRI V.S(20EIR046)	Baluprithviraj K.N.	Blind Navigaion With Obstacles Detector
20	AGRI TECH	MANO S/20EIR045	HEMACHANDIRA N N S/20EIR026 MAITHRAA/20EIR0 44	Dr.B.VENKAT ESAN	Solar Power Seed Sowing Machine
21	FLASH	SABITHA M (18EIR070)	M.SABITHA, R.SNEHA, K.PRIYADHARSINI	Dr.M.Ponnibala	Automatic Table Cleaner For Ayurvedic Treatment
22	FREE THINKERS	KIRUTHIKA G (20EIR039)	ASWANTH.S(20EIR 007) KIRUBAKARAN.T(20EIL003) KIRUTHIKA G (20EIR039)	Mr.K.Yuvaraj	Plastic Recycling By Torefaction Process
23	FRESHER TEAM	MAITHRA S (20EIR044)	MAITHRA S (20EIR044), MANO S (20EIR045), HEMACHANDIRA N N S (20EIR026)	Venkatesan. V	Climber Vegetables Detector Com Analysis Machine
24	MT-22	NAVINA.D (18EIR049)	GANESH.K (18EIR018), HARISH KANNA.E (18EIR027)	Mr.S.Jegan	Portable Automatic Water Generator.
25	TRISTARS	MUKESH L.B (20EIR049)	MUKILA D. (20EIR050), NITHESRAJ (20EIL002)	Dr.K. PRABHU	Recovery Of Oil Spills
26	AMIGOS	DEEPIKA A (19EIR010)	BALASUBRAMANI J (19EIR007), LOGESH S (19EIR044)	Sureshkumar	Smart Circular System Using Mobile Applications

27	TRIO	JANARTHANAN. M. M (18EIR032)	HARINI.R (18EIR026), JANARTHANAN. M. M (18EIR032), JASODHASREE. C (18EIR033)	Dr. K. N. Baluprithviraj	Smart Lawn Mower
28	DMD	DHAYANIDHI R G (19EIR016)	DHAYAASHREE(19EIR015), DHAYANIDHI R G(19EIR016), MEIYARASU L(19EIR048)	Dr.U.S.Ragupathy	Integrated Energy Efficient Eco Friendly Hybrid Bicycle
29	ZEUS	HARISANKAR K (20EIL001)	ANURITHA V (20EIR005), BARANIDARSHAN K B (20EIR008), BARATHKUMARAN K S (20EIR009), DIVYESHWARI K (20EIR020), MAHESH PRABHU P M (20EIR043)	Dr. S.Vijayachitra	Quadruped Autonomous Robot
30	FREAK THINKERS	GOBISH N (20EIR021)	HARISH K (20EIR024), DEEPIKA D (20EIR013)	Dr.S.J.SUJI PRASAD	Sensor Controlled Slope Measurement
31	TVS	SANJAY KUMAR M (18EIR071)	VENKATESH K , THIVAN MYDEEN A	Sasikala	Driver Slumbering Detection
32	INNOVATIVE TEAM	DEEPTHIGHA.T (20EIR014)	DINESH KUMAR P (20EIR017), GURUPRASATH.K (20EIR023)	Sasirekha M	Smart Wireless Covid Sterilizer
33	BLASTERS	DHARANIDHARAN D (19EIR012)	GOKULKRISHNAN .K (19EIR025), DHANALAKSHMI M (19EIR011)	Baluprithviraj	A Laser-Based Non Contact Vibration Technique For Health Monitoring Of Structural Cables.
34	ZEUS	DIVYESHWARI K	ANURITHA V(20EIR005), BARANIDARSHAN K B (20EIR008), BARATHKUMARAN K S (20EIR009), MAHESH PRABHU P M (20EIR043), HARISANKAR K (20EIL001)	Dr. S. Vijayachitra	Arduino Smart Glasses
35	TRIPLETS	PRAVEENA A (19EIRO61)	PRIYA DHARSHINIR (19EIR062), SANJAY PROMOTH K (19EIR074)	Raja	Elderly Care System
36	SPARTENS	HARIHARAN U (18EIR024)	JEGAN P S (18EIR034), MOHAMMED ARSHED S (18EIR042).	Dr. S. J. SUJI PRASAD	Smart Trolley
37	MANIAC SOLUTIONS	KESHAV MUTHU P (20EIR037)	KARTHIKEYAN G (20EIR032) , ABARNA BHUVANESHWAR I C (20EIR002)	Mr.PRABHU K	Green Energy From Railway Train Mounted Wind Energy
38	KARTHIKEYAN	KARTHIKEYAN M (20EIR033)	D.DANUSHIKA(20EIR012), K.KANNAN (20EIR031),	Mr.M.RAJA	Iot Based Car Parking System

			M.KARTHIKEYAN (20EIR033)		
39	ZEUS	MAHESH PRABHU P M (20EIR043)	ANURITHA V (20EIR005), BARANIDARSHAN K B (20EIR008), BARATHKUMARA N K S (20EIR009), DIVYESHWARI K (20EIR020), HARISANKAR K (20EIL001)	Dr.S.Vijayachit ra	RFID Based Vehicle Access Control System
40	ARMADIAN Z	KANCHHI VERMA V (19EIR034)	DHIVYA SHREE A (19EIR017), MADHAVAN R (19EIR045)	Revathi.P	Smart Anti Car-Theft Detection.
41	BETA	ELAMATHI S (19EIR019)	HARI PRASATH S (19EIR028), MEGHA A (19EIR047)	Dr.N.Mahesh ,Asp/Eie	Gps Based Multipurpose Agri Robot
42	TERIFIC	SIVASANTHOSH K (19EIR085)	K.J.PRADEEP (19EIR059), K .SRINITHI (19EIR088)	Dr. M.PONNIBAL A	Power Generation In Moving Train Using Wind Turbine
43	INSTRON	GOKUL U (19EIR024)	GEERTHIGA T (19EIR021), KABIN G (19EIR033)	T.Kalavathidevi	Blind Assistance
44	TEAM	KOUSIKA.B (19EIR041)	HARIPRASANTH.A (19EIR027), GIRITARAN.S (19EIL098)	Dr.R.Mouleesh waraprabhu	Utilisation Oh Waste Heat In Small Scale
45	GOAL DIGGERS	SAKTHIVIGNES HWARI. M (20EIR091)	PRAKASH. R (20EIR057), VISHAL. C. K (20EIR091)	Sasireka.M	Laser Cooling
46	ACHIEVERS	SHEDHU M (19EIR082)	SHARANYA T(19EIR080), SATHYA SEELAN L(19EIR077), SAI PARISHETH ADITHIYA M(19EIR69)	Dr.N.Mahesh	Anti-Theft Home Security System
47	SMART AMIGOS	ASHWATH S (18EIR007)	PRADEEP C(18EIR054), MANIKANDAN K(18EIR041)	Selvakarthi.D	Third Eye: Ai Based Vision Enhancement At Rescue Operation
48	GLOBAL CREATORS	GOWTHAM.K (18EIL098)	BOOBESH.S (18EIL096), GOWTHAM.K (18EIL098)	Yuvaraj.K	Monitoring And Notification Of TDS Level of Water In Overhead Tanks
49	INVENTORS	DHARUN KUMAR G (19EIR014)	DHARUN T (19RIR013), LAKSHMIPRABHA G (19EIR042), LOAHIT S (19EIR043), MADHUMITHRA V.P (19EIR046), MOHAMMED MUHSIN (19EIR100)	R.Sasikala , K. Yuvaraj	Finger Reader - For Visually Impaired
50	WETHREE	VARSINISHRILA YA.P.K (19EIR092)	VARSINISHRILAY A.P.K (19EIR092), SRIDHAR.S (19EIR087),	Madhan Mohan M	A Smart Stick For Assisting Blind People

			NARENDH.N (19EIR054)		
51	INSTRONS	PRABHURAAM. P.R (20EIR056)	NAMITHA. K (20EIR053) PRAVEENKUMAR. V (20EIR058) PRABHURAAM (20EIR056)	Revathi. P	Smart Cleaning Using Drone In Covid-19
52	OUTLIERS SOLUTIONS	KIRTHIC BABU T S (20EIR038)	MADHAN KUMAR A (20EIR042), KEERTHIVANAN T (20EIR036)	Sasikala R	Automated Road Line Decor Mechanism
53	MASSIVE BOYS	DHARUN	DHARUN (20EIR016) DINESH (20EIR018)	Thanga Thamilan	IoT Based Smart Public Transport System
54	GREEN TEAM	SHUBHASHREE V K (20EIR074)	THILOCHAN T G (20EIR087), SHUBHASHREE V K (20EIR074), SRIHARIRAMANA K (20EIR080)	Ponnibala Mam	Mini Power Generation In Agriculture
55	ALL STAR	VARUNA S (19EIR093)	SREE VADHANI M (19EIR086), SURYA PRABHA VL (19EIR091)	Dr.K.N.Baluprit hviraj	Wearable Biometric Authentication Based On Human Body Communication
56	ELECTRON	MUKILAN.M (20EIR051)	RITHIGAA.K (20EIR065), KISHORE.M (20EIL004), MUKILAN.M (20EIR051)	S.Jegan	Automatic Palm Jaggery Manufacturing
57	POWER BREAKERS	RAJESH KANNA. K/20EIR063	SANGAVI.B(20EIR 069);RAJARAGHA VENDRAA.S.K(20E IR061)	Dr.T.Kalavathid evi	DLG(Dry Leaves Gas)
58	CAPITALIST CREW	KANISHKA P (20EIR030)	KAVINESH M (20EIR034), AASHISH K S (20EIR001)	Selvakarhi. D	Smart Kit For Patients
59	SST	SASIKUMAR K P (20EIR071)	SOWMIYA P (20EIR076) THIYANESH (20EIR088)	Vidhyalakshmi P	Laser Based Automated Fencing System Using Micro Controller And Gsm Module
60	TEAM ALPHA	HEMA V S (19EIR029)	KAVINKUMAR M (19EIR037), KISHORE K (19EIR040)	Rajkumar R	Coconut Cutting Machine
61	RSR TEAM	ROGITHA (20EIR066)	SIDDESWARA G (20EIR075), RAGHUL V (20EIR060)	Janarthan S	Easy Bus
62	INNOCUOUS SOLUTIONS	RITHANYA.S (19EIR066)	NANDHITHA S (19EIR053), MUTHUKUMARAS AMY M (19EIR052), ASHOK N (19ITR013)	Venkatesan B	Face Recognition From Various Angles
63	ADMIRALS	SANDEEP.R (20EIR068)	SANTHIYA.S (20EIR070), VEERAKKANNAN (20EIR089)	Subasri.R	Wireless Digital Circular

64	ENTRONIX	SHOBIA.E (20EIR073)	MOHAMMAD YUSOF.A (20EIR047), SURENDAR.S (20EIR084), SHOBIA.E (20EIR073)	M. Thanagatamilan	AI Based Accident Detection System
65	ELITE	VISHNUPRIYA M (20EIR092)	SOZHAVENTHAN A , SREEKANTH S,		Monitoring & Controlling Of Toxic Gases From Drainages
66	RCB	RAJASEKAR.S (20EIR062)	RAJASEKAR.S (20EIR062), VEMBU.T (20EIR090), VISHWABARATHI. S (20EIR093)	Ms .M. Lizzy Nesa Bagyam	IOT Based Smart Energy Meter Monitoring With Theft Detection
67	INNOCUOUS SOLUTIONS	RITHANYA.S (19EIR066)	NANDHITHA.S (19EIR053), MUTHUKUMARAS AMY.M (19EIR052)	Venkatesan.B	Smart Ticket Source
68	SPARK	DHIVAKAR (18EIR014)	DHIVAKAR (18EIR014), KAAVEEYAA S K (18EIR035), NITHYASHRI S (18EIR050)	Ms.T Mrunalini	Underground Cable Fault Detection
69	ALL-STAR	VARUNA.S (19EIR093)	SREE VADHANI M (19EIR086), SURYA PRABHA VL (19EIR091), MONESH M S (19EIR050), NIRMAL P (19EIR055), PRANESH RAJ C (19EIR060)	Dr.S.Vijayachit ra	Wearable Biometric Authentication Based On Human Body Communication
70	GOAL DIGGER	PRIYADHARSHI NI D (20EIR059)	SUDHARSAN.G (20EIR081), S.SARNIGASH (20EIL005)	Mr M.Raja	Fingerprint Atm
71	TEAM 7	JAGADEESH K S (20EIR027)	BHARATH KARTHIKEYAN R (20EIR011), LALITH KUMAR E (20EIR040), JAGADEESH K S (20EIR027)	Suresh Kumar R	Bluetooth Headset With Internal Storage
72	SST	SASIKUMAR K P (20EIR071)	SOWMIYA P (20EIR076), THIYANESH S (20EIR088)	Vidhyalakshmi P	Laser Based Automated Fencing System By Using Microcontroller And Gsm Module
73	NEX_GEN	SANJANA G (19EIR072)	ILAKKIYA.S (18EIR030), RUPA SRI.M (19EIR068), SAKTHIVEL.M (19EIR070), SANJAI.S (19EIR071), SANJANA.G (19EIR072), YOGA ABITHA.A (19EIR096)	Sasireka	Arduino Based Flood Detection
74	PEAKY PERFORMER S	NAVEEN A (20EIR054)	SYED SHAMEER M R (20EIR086), PAVITHARSIKAA S C (20EIR055)	Rajkumar . R	Design And Development Of Sugarcane Leaf Peeler

75	NATURE RECREATORS	RAJKUMAR.K (20EIR064)	SUGANTH.S (20EIR082),MYTHI L.I.R (20EIR052)	Mowliswaran	Self-Charging Electrical Car
76	CODE CREATION	SURYA K (20EIR085)	SRI PRIYANGKA S P (20EIR079), SATHYANANDHAN K (20EIR072)	Ms.T Mrunalini	Efficient Low Cost Adsorbent For Removal Of Heavy Metal Ions To Avoid Neurological Disorders.

Second Round Review

S.No	Team Name	Team Leader Name and Roll No.	Team Members Name and Roll No.	Name of the Mentor	Title of the Idea
1.	TEAM ALPHA	KAVINKUMAR M (19EIR037)	HEMA V S(19EIR029), KISHORE K (19EIR040)	Dr.R.Rajkumar	Modifying the Existing Vehicle Setup with Electric Motor
2.	SPARKLES	PADMA PRIYA K(18EIR051)	RAMYA P(18EIR063), SARANYA R (18EIR075)	Ms. P.Revathi	Automatic Onion Harvester
3.	INNOVATION GEEKS	VIGNESH A (18EIR094)	RISWAN AHAMED M.I (18EIR069) SOWNDHARYAN S (18EIR081)	Ms. P.Revathi	Design And Development of Poundage Based Feeding Machine for Aquaculture
4.	BETA	SANJANA V (19EIR073)	VIKASHINI S N (19EIR095), YOGACHANDRAN J (19EIR097)	Mr.D.Selvakarthi	Modified Solar Still using Nano Particles and Pre Heating of Saline Water
5.	PEGASUS	POTRAL UDHAYAN S (18EIR053)	RATHISH P (18EIR066) , SANTHOSH R (18EIR072)	Mr.S.Jegan	Advanced Honey Hives Monitor and Control System
6.	ALPHA	ARUNA G (19EIR004)	M.AHAMED WAFIQ (19EIR001), GOKULNATH.M (19EIR026)	Mr.D.Selvakarthi	Smart Entry Barrier using IoT
7.	TRISTARS	L.B.MUKESH (20EIR049)	MUKILA.D (20EIR050)	Dr.K.Prabhu	Recovery of Oil Spills using Biological Technique
8.	TEAM AMIGOS	ANGUSAMYJEEVA M (20EIR004)	ASHIK C(20EIR006), MIDHUNASHRI V.S(20EIR046)	Dr.K.N.Baluprithviraj	Blind Navigator with Obstacles Detector

9.	FLASH	SABITHA M (18EIR070)	R.SNEHA(18EIR080), K.PRIYADHARSINI(18EIR060)	Dr.M.Ponni Bala	Automatic Table Cleaner for Ayurvedic Treatment
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10.	FREE THINKERS	KIRUTHIKA G (20EIR039)	ASWANTH.S(20EIR0 07) KIRUBAKARAN.T(20 EIL003)	Mr.K.Yuvaraj	Plastic Recycling by Tore faction Process
11.	FRESHER TEAM	MAITHRA S (20EIR044)	MANO S (20EIR045), HEMACHANDIRAN N S (20EIR026)	Mr.B.Venkatesan	Climber Vegetables Detector Com Analysis Machine
12.	TRIO	JANARTHANAN. M. M (18EIR032)	HARINI.R (18EIR026), JASODHASREE. C (18EIR033)	Dr.K.N.Baluprithvir aj	Smart Lawn Mower
13.	DMD	DHAYANIDHI R G (19EIR016)	DHAYAASHREE(19E IR015), MEIYARASU L(19EIR048)	Dr.U.S.Ragupathy	Integrated Energy Efficient Eco Friendly Hybrid Bicycle
14.	INNOVATIV E TEAM	DEEPTHIGHA.T (20EIR014)	DINESH KUMAR P (20EIR017), GURUPRASATH.K (20EIR023)	Dr.M.Sasireka	Smart Wireless Covid Sterilizer
15.	ZEUS	DIVYESHWARI K K (20EIR020)	ANURITHA V(20EIR005), BARANIDARSHAN K B (20EIR008), BARATHKUMARAN K S (20EIR009), MAHESH PRABHU P M (20EIR043), HARISANKAR K (20EIL001)	Dr. S. Vijayachitra	Arduino Smart Glasses
16.	BETA	ELAMATHI S (19EIR019)	HARI PRASATH S (19EIR028), MEGHA A (19EIR047)	Dr.N.Mahesh	GPS Based Multipurpose Agri Robot
17.	INSTRON	GOKUL U (19EIR024)	GEERTHIGA T (19EIR021), KABIN G (19EIR033)	Dr.T.Kalavathidevi	Blind Assistance
18.	TEAM	KOUSIKA.B (19EIR041)	HARIPRASANTH .A (19EIR027), GIRITARAN.S (19EIL098)	Dr.R.Mouleeshuwar r abu	Utilisation of Waste Heat in Small Scale
19.	SMART AMIGOS	ASHWATH S (18EIR007)	PRADEEP C(18EIR054), MANIKANDAN K(18EIR041)	Mr.D.Selvakarthis	Third Eye: Ai Based Vision Enhancement at Rescue Operation
20.	INVENTORS	DHARUN KUMAR G (19EIR014)	DHARUN T (19RIR013), LAKSHMIPRABHA G (19EIR042), LOAHIT S (19EIR043),	Ms.R. Sasikala	Finger Reader - for Visually Impaired

			MADHUMITHRA V.P (19EIR046), MOHAMMED MUHSIN (19EIR100)		
21.	WETHREE	VAR SINISHRILAYA .P.K (19EIR092)	SRIDHAR.S (19EIR087), NARENDH.N (19EIR054)	Dr.M.Madhan Mohan	A Smart Stick for Assisting Blind People
22.	OUTLIERS SOLUTIONS	KIRTHIC BABU T S (20EIR038)	MADHAN KUMAR A (20EIR042), KEERTHIVANAN T (20EIR036)	Ms.R. Sasikala	Automated Road Line Decor Mechanism
23.	GREEN TEAM	SHUBHASHREE V K (20EIR074)	THILOCHAN T G (20EIR087), SRIHARIRAMANA K (20EIR080)	Dr.M.Ponni Bala	Mini Power Generation in Agriculture
24.	ELECTRON	MUKILAN.M (20EIR051)	RITHIGAA.K (20EIR065), KISHORE.M (20EIL004),	Mr.S.Jegan	Automatic Palm Jaggery Manufacturin g
25.	POWER BREAKERS	RAJESH KANNA. K(20EIR063)	SANGAVI.B(20EIRO 69); RAJARAGHAVEND RAA.S.K (20EIR061)	Dr.T.Kalavathidevi	DLG(Dry Leaves Gas)
26.	CAPITALIST CREW	KANISHKA P (20EIR030)	KAVINESH M (20EIR034), AASHISH K S (20EIR001)	Mr.D.Selvakarhi	Smart Kit for Patients
27.	TEAM ALPHA	HEMA V S (19EIR029)	KAVINKUMAR M (19EIR037), KISHORE K (19EIR040)	Dr.R.Rajkumar	Coconut Cutting Machine
28.	RSR TEAM	ROGITHA (20EIR066)	SIDDESWARA G (20EIR075), RAGHUL V (20EIR060)	Mr.S.Janarthanan	Easy Bus
29.	INNOCUOUS SOLUTIONS	RITHANYA.S (19EIR066)	NANDHITHA S (19EIR053), MUTHUKUMARASA MY M (19EIR052), ASHOK N (19ITR013)	Mr.B.Venkatesan	Face Recognizatio n From Various Angles
30.	ADMIRALS	SANDEEP.R (20EIR068)	SANTHIYA.S (20EIR070), VEERAKKANNAN (20EIR089)	Dr.R.Subasri	Wireless Digital Circular
31.	ELITE	VISHNUPRIYA M (20EIR092)	SOZHAVENTHAN A(20EIR077) , SREEKANTH S(20EIR078),	Dr.N.Mahesh	Monitoring & Controlling of Toxic Gases from Drainages
32.	INNOCUOUS SOLUTIONS	RITHANYA.S (19EIR066)	NANDHITHA.S (19EIR053), MUTHUKUMARASA MY.M (19EIR052), MAITHRA S (20EIR044), MANO S (20EIR045),	Mr.B.Venkatesan	Smart Ticket Source


			HEMACHANDIRAN N S (20EIR026)		
33.	PEAKY PERFORMER S	NAVEEN A (20EIR054)	SYED SHAMEER M R (20EIR086), PAVITHARSIKAA S C (20EIR055)	Dr.R.Rajkumar	Design and Developmenty of Sugarcane Leaf Pealer
34.	CODE CREATION	SURYA K (20EIR085)	SRI PRIYANGKA S P (20EIR079), SATHYANANDHAN K (20EIR072)	Ms. T. Mrunalini	Efficient Low Cost Adsorbent for Removal of Heavy Metal Ions to Avoid Neurological Disorders.

Overall report of the activity:


Department of Electronics and Instrumentation Engineering Association, ISOI Students chapter and Institution Innovation Council collaborated and organized an event "IDEATHON 2021". The event was very well grasped by aspiring students and concluded successfully. This event helped the students gain knowledge of problems around them and thinking. As the event was very interesting, students energetically participated and won exciting prizes.

Prize winners list:


Idea presentation




KONGU ENGINEERING COLLEGE
(AUTONOMOUS)
PERUNDURAI ERODE-638060



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



DEPARTMENT OF
ELECTRONICS AND INSTRUMENTATION ENGINEERING



CASH PRIZE
1st ₹3000/-
2nd ₹2000/-
3rd ₹1000/-

Ideathon winners!!!

1 **Modifying the Existing Vehicle Setup with Electric Motor**
KAVINKUMAR M(19EIR037),
HEMA V S(19EIR029),
KISHORE K(19EIR040)

2 **Arduino Smart Glasses**
DIVYESHWARI K K(20EIR020), ANURITHA V(20EIR005),
BARANIDARSHAN K B(20EIR008), BARATHKUMARAN K S(20EIR009),
MAHESH PRABHU P M(20EIR043), HARISANKAR K(20EIL001)

3 **Mini Power Generation in Agriculture**
SHUBHASHREE V K(20EIR074),
THILOCHAN T G(20EIR087),
SRIHARIRAMANA K(20EIR080)

IDEATHON '21 – MTS Report

Overview:

Objective:

The Intra department level even “IDEATHON ‘21” was organised by Department Association and Institution Innovation Council (IIC) on 2nd October, 2021, through virtual mode. The event was organised so that the students can showcase their solutions for various problems identified by them, related to various sectors. The event was conducted in their respective departments and various projects were exhibited. The event was successfully conducted and students were able to exhibit their unique thoughts and ideas for selected problem statements.

List of Events:

Technical Events:

- Project Presentation: 37 Teams

Event Description

Based on a set of themes, students were asked to select their problem statements for which they have to give their solutions. For selected problem statements, across various sectors, students presented their idea. 5 set of Panel members evaluated the total number of teams based on their idea presentation, novelty and feasibility. Considering the evaluations, top 50 projects were selected for next level of the competition, “PROOF OF CONCEPT (PoC)”. From this round of the competition, top 3 teams were awarded with cash prizes, others being awarded with respective certificates.



KONGU ENGINEERING COLLEGE

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DEPARTMENT OF MECHATRONICS ENGINEERING
MECHATRONICS ENGINEERING ASSOCIATION (MCEA)

&

INNOVATION AND ENTREPRENEURSHIP FORUM (IEF KEC)

PROUDLY PRESENT

“Final Pitching Competition”

IDEATHON

Present On
(02.10.2021)



THE TOP IDEAS WILL BE SHORT LISTED
FOR OPEN HOUSE EXHIBITION AND
EXCITING CASH AWARDS

DATE : 02.10.2021
TIME : 10 AM - 1 PM
VENUE : GOOGLE MEET

STREAM 1 : <http://meet.google.com/bvd-tnts-ucz>
STREAM 2 : <http://meet.google.com/rth-qvxx-jrh>

APPROVAL FORM

10355/8 13

KONGU ENGINEERING COLLEGE, PERUNDURAI, ERODE-638 060
PROGRAMME APPROVAL FORM

AD - 12 - PP
 REV.1
 01.01.2021

Proposal Tracking No. KEC/MTS/2021-2022/09/0040

Dept. Ref. No.: MT/2021-2022/010

Date: 23/9/21

1. Department:	Mechanics		
2. a). Name of the Programme	Ideathon 2021 (MTS)		
b). Norms under which it is proposed			
3. Dates:	From: <u>30.9.2021</u>	TO: <u>30.9.2021</u>	No. of Days <u>01</u>
4. Programme for:	Faculty	Students <input checked="" type="checkbox"/>	Others (Specify)
5. Level:	State / National / International	Association <input checked="" type="checkbox"/>	Institution / Dept. / Cell / General
6. Highlights of the Programme:	To provide a platform to the students to showcase their creative and innovative project ideas.		

1. Proposed Invitees:

S. No.	Purpose	Chief Guest	Speakers / Jury	Trust Member Invitees
1	-	-	-	-
2	-	-	-	-

2. Agenda: Programme Agenda / Schedule Enclosed : Yes / No

3. Expenditure:

S.No.	Purpose	Proposed	Revised	Actual	Remarks
1	Prize Money	Rs. 6000/-			
2	Miscellaneous	Rs. 1000/-			
3					
4					
5					
6					
Total		Rs. 7000/-			

4. Source

	Proposed	Actual
Budget Allotment		
Balance Amt. Available		
Expenses Proposed		
Balance		

K. Suganeshwaran
 Faculty I/c (with Name)
 (K. Suganeshwaran)

[Signature]
 H.O.D 23/9/2021

[Signature]
 CCO (SAS) 23/9/21
[Signature]
 PRINCIPAL
 25-9-21

IDEATHON COMPETITION

Participation List



KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAL, ERODE - 638 060

DEPARTMENT OF MECHATRONICS ENGINEERING
MECHATRONICS ENGINEERING ASSOCIATION (MCEA)
&
INNOVATION AND ENTERPREUNERSHIP FORUM (IEF)
presents
"IDEATHON"



IDEA PRESENTATION SCHEDULE

DATE: 02.10.2021

TIME : 10AM – 1PM

VENUE : GOOGLE MEET

STREAM 1 LINK : meet.google.com/bvd-tnts-ucz

JURY MEMBERS : Dr.V.ARUN KUMAR, Dr.S.PRAVEEN KUMAR

STREAM 1

BATCH NUMBER	PROJECT TITLE	SLOT TIME
B1.	AUTOMATIC SYSTEM TO PREVENT BACK FLOW IN IV TUBE	10:00 -10:05AM
B2.	ORGANIC FARMING TILLERS MACHINE	10:05-10:10AM
B3.	IOT INTEGRATED OXIMETER	10:10-10:15AM
B4.	AUTOMATIC SUGARCANE PLANTING MACHINE	10:15-10:20AM
B5.	DESIGN AND FABRICATION OF YARN SAMPLE WINDING MACHINE FOR SPECTROSCOPIC TESTING	10:20-10:25AM
B6.	MULTISPECTRAL SORGHUM SEED SOWING DRONE	10:25-10:30AM
B7.	CANAL IRRIGATION AUTOMATION	10:30-10:35AM
B8.	AUTOMATIC BOBBIN WINDER	10:35-10:40AM
B9.	AUTOMATIC FERTILIZER DISPENSER BY NPK RATIO	10:40-10:45AM
B10.	AUTOMATIC WATER TANK CLEANING SYSTEM	10:45-10:50AM
B11.	BILLING MACHINE FOR DEPARTMENTAL STORE	10:50-10:55AM
B12.	AUTOMATIC WASTE WATER RECYCLING SYSTEM	10:55-11:00AM
B13.	AUTOMATIC COST EFFECTIVE INCUBATOR	11:00-11:05AM
B14.	AUTOMATION DYEING MACHINE	11:05-11:10AM
B15.	IOT BASED MEDICATION DEVICE	11:10-11:15AM

B16.	SEMI-AUTOMATED MACHINE FOR JAGGEY PROCESSING	11:15-11:20AM
3RD YEAR		
B17.	SMART AGRICULTURE USING DRONES	11:20-11:25AM
B18.	DELIVERY OF ESSENTIAL MEDICINES BY DRONES IN HILLY AREAS	11:25-11:30AM
B19.	E-SOAR	11:30-11:35AM
B20.	FOREST GUARD ASSISTIVE UNMANNED VEHICLE	11:35-11:40AM
B21.	SMART WHEELCHAIR	11:40-11:45AM
B22.	DIGITAL PARKING ALLOCATION	11:45-11:50AM
B23.	E-CART	11:50-11:55AM

STREAM 2 LINK : meet.google.com/rth-qvxx-jrh

JURY MEMBERS : Dr.K.SUGANESWARAN, Mr.S.THANAGAVEL

STREAM 2

BATCH NUMBER	PROJECT TITLE	SLOT TIME
A1.	SEMI-AUTOMATIC BRICK MAKING MACHINE FOR COTTAGE INDUSTRIES	10:00-10:05AM
A2.	LOW COST SALT INDUSTRY AUTOMATION	10:05-10:10AM
A3.	SEMI AUTOMATIC LABELING MACHINE	10:10-10:15AM
A4.	SEMI-AUTOMATIC ROLL SLITTER	10:15-10:20AM
A5.	MAINTAINING CONCRETE RATIO AUTOMATICALLY	10:20-10:25AM
A6.	AUTOMATIC SPONGE POCKETING MACHINE	10:25-10:30AM
A7.	AUTOMATIC WRAP BLOCK	10:30-10:35AM
A8.	SEMI AUTOMATIC SAND FILLER	10:35-10:40AM
A9.	SEMI AUTOMATIC WATER JAR CLEANER	10:40-10:45AM
A10.	SEMI AUTOMATIC CROWN CORKING MACHINE	10:45-10:50AM
A11.	WEED REMOVAL BOT	10.50-10.55AM
A12.	THE X PELLER	10:55-11:00AM
A13.	LEAF DISEASE IDENTIFICATION OF TURMERIC PLANT USING MACHINE VISION SYSTEM WITH ROVOR	11:00-11:05AM
A14.	ASSISTIVE CONTROL FOR POWERED WHEELCHAIR	11:05-11:10AM
A15.	ASSESTIVE DEVICE FOR MUSCULAR DYSTROPHY PATIENT (2 ND YEAR)	11.10 – 11.15AM

3 RD YEAR		
A16.	AUTOMATED WASHROOM	11:15-11:20AM
A17.	DRONE BASED FIELD VERIFICATION	11:20-11:25AM
A18.	RC UNDERWATER SURVEILLANCE ROV DRONE	11:25-11:30AM
A19.	SOLDIER HEALTH CARE MONITORING DURING WARZONE USING MANET TECHNOLOGY	11:30-11:35AM
A20.	MULTIPURPOSE BOREWELL CHILD RESCUE ROBOT SYSTEM	11:35-11:40AM
A21.	DEVICE TO PROTECT UNDERGROUND FIBRE CABLE	11:40-11:45AM
A22.	DESIGN OF SEMI AUTOMATIC NURSERY SYSTEM	11:45-11:50AM

ATTACHMENTS

VIRTUAL MEET RECORDING:

https://drive.google.com/drive/folders/1hYBIfx3PITQQxpn6K5nbLtvk7_syo6DG

PRIZE WINNERS LIST:



KONGU ENGINEERING COLLEGE

(Autonomous)
PERUNDURAI, ERODE - 638 060



DEPARTMENT OF MECHATRONICS ENGINEERING
MECHATRONICS ENGINEERING ASSOCIATION (MCEA)
&
INNOVATION AND ENTREPRENEURSHIP FORUM (IEF KEC)

Presents

KEC-IDEATHON

WINNERS

BATCH NO.	TEAM LEAD NAME	PROJECT TITLE	PRICE
A12	ARYAN VINUNATH MITHIL J AADHITHYA V SRIRAM. P KAMALEESWARAN. M RAMAPRABHA. A	THE X PELLER	1 st
B16	PRABHAKAR.T. S SUGANTHAN K K KISHOK G ARUN K	SEMI-AUTOMATED MACHINE FOR JAGGEY PROCESSING	2 nd
A8	GANESH. S LOGESH R GOWTHAM S DHARANI DHARAN CHANDEEP KALIRAJ	SEMI AUTOMATIC SAND FILLER	3 rd

B. Srinivasan
7/10/21

S. Srinivasan
7/10/2021

TEAM SHORTLISTED FOR "POC"

The following teams were shortlisted for the next round of Open House Exhibition, "Proof of Concept (PoC)". The selected team members are instructed to complete the prototype model on or before 30.10.2021.

BATCH NO.	TEAM MEMBERS	PROJECT TITLE
B2	MOHAMED SIKKANDAR. M RAJ KUMAR T JAYA VISHWANATHAN S SEENIVASA R SETHUNATHAN M SHIVASHANKARAN D	ORGANIC FARMING TILLERS MACHINE
B3	MOHAMMED WARIES. M NITHISH KUMAR M K RAJESH KUMAR R MOHIT SARAVANAN NAVEEN G SHIBHI M	IOT INTEGRATED OXIMETER
B4	NAVEEN KUMAR. S MUKSHIN HABIL R SHIVAKARTHICK S SARAN T RAHUL M SACHIN	AUTOMATIC SUGARCANE PLANTING MACHINE
B5	NAVEEN PRABHU. P POORNA KUMAR P RAMAKRISHNAN K HARIHARAN R AJAY JACOB ASIRVATHAM KALAIARASU	YARN SAMPLE WINDING MACHINE FOR SPECTROSCOPIC TESTING

5. 
2/10/21


7/10/2021

B6	<p>NAVEENKUMAR. P SUKANDARAJ N NANTHAGOPAL D PRANESH SIDDHARTHAN RAGUL PRASANTH</p>	MULTISPECTRAL SORGHUM SEED SOWING DRONE
B8	<p>NITHISH KUMAR S PRANAV SRERAM. V VIMAL RAJ V ASHOK KUMAR M HARISH SENTHUR GOWTHAM SUNDAR M</p>	AUTOMATIC BOBBIN WINDER
B9	<p>RAGUNATHAN. T SANTHOSH M VIGNESH RAM N RAGHUL. S VISHNU PRIYAN. V SHREE NAVEEN. J. B</p>	AUTOMATIC FERTILIZER DISPENSER BY NPK RATIO
B11	<p>SANJAY. G. G PRAVEEN KUMAR D SANJAYAN S MALLINIRMALRAJ N BHARATH S HARIHARAN V M</p>	BELLING MACHINE FOR DEPARTMENTAL STORE
B12	<p>SHANMUGA PRIYAN. V VISHWA V NITHILESHWAR P J HARINI K MERUN SURYA. G. S ABISHEK R</p>	AUTOMATIC WASTE WATER RECYCLING SYSTEM

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B13	SHIVARAMAKRISHNAN. A. I. SANJAY K VAGISH R C S. SELVA GOWTHAM M. SOBINATH M. SHYAM PRAKASH	AUTOMATIC COST-EFFECTIVE INCUBATOR
B15	VISHNU. R. M PRADEEP KUMAR T SANTHOSH V MOHAMMED FARITH I HARSHITA JANE B KAUSHIK B A	IOT BASED MEDICATION DEVICE
B16	SUGANTHAN K K KISHOK G PRABHAKAR T S ARUN K	SEMI - AUTOMATED MACHINE FOR JAGGERY PROCESSING
B17	SELVAVIGNESHHARIHARAN K VIGNESHWAR S SHAIYON M VIMALKUMAR A RISHIKESHRAJ R SAIBALA RAGAVENDRA K	SMART AGRICULTURE USING DRONES
B19	MANOJ. J GUNALAN P RAJARAM G SHAJAHAN J THARUN KUMAR K RAHAV C V	E-SOAR
B23	SUBA S P PADMA A SAMITHA N SNEHA A SUDAHAR P S SHRI HARI N K	E-CART

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A2	ARIYA MANICKAM M KEERTHANA S K JEEVARAJ S LAVANYA M ABDUL AATHIF N SOWNDARIYAN	LOW-COST SALT INDUSTRY AUTOMATION
A4	KAVIN E D KARTHICK RAJA M DEEPAK V ABINESH P PONSIVANESAN E D SANJAY K	SEMI-AUTOMATIC ROLL SLITTER
A6	MADHUMITHA P GOKUL C GOWTHAMSHANKAR M RASWIN VELLIGIRI SRIHARI PRASATH	AUTOMATIC SPONGE POCKETING MACHINE
A7	YASHIGHA S DEVENDRA KUNAL R HARIHARAN K RAVI PRASHATH R N SATHYA R VIGNESWARA G	AUTOMATIC WRAP BLOCK
A8	GANESH S LOGESH R GOWTHAM S DHARANI DHARAN CHANDEEP KALIRAJ	SEMI AUTOMATIC SAND FILLER
A9	JAMES VASANTH P GOWTHAMAN B DHARUN S SUDHAGARAN R NAREN. M. S JAYANTH N	SEMI AUTOMATIC WATER JAR CLEANER

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A10	ARUN KUMAR M BOOVANESH KUMAR K DINESH PRAVEEN S DHANUSHNARAYANAN. R ARAVINDHAN K KUMAR. D	SEMI AUTOMATIC CROWN CORKING MACHINE
A11	HARI VIKINESHM DHARMA PRAKASH T S KAVIN PRAKASH M A. THAHA ABDUL HAMEED R. M. SUHAS V. SUTHARSAN	WEED REMOVAL BOT
A12	ARYAN VINUNATH MITHIL J AADHITHYA V SRIRAM. P KAMALEESWARAN.M RAMAPRABHA.A	THE X PELLER
A13	ABI CHANDAR K JIDHESH P OOKULRAAJ P MOHANRAJ G MONEESH V KUMARAN N	LEAF DISEASE IDENTIFICATION OF TURMERIC PLANT USING MACHINE VISION SYSTEM WITH ROVER
A14	NITHISH KUMAR V PRITHIVI RAJAN N PAVISH P VIGNESH S SRINATH N SUDHARSON M S	ASSISTIVE CONTROL FOR POWERED WHEELCHAIR
A15	SURYARAJU A PRANESH A RAHUL.PRASANTH K SIDDHARTHAN J SATHYA R SELVA GOWTHAM S	ASSESTIVE DEVICE FOR MUSCULAR DYSTROPHY PATIENT

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A17	GOKUL ANAND. R SHYAM KRISHNAN ARUN A SAIRAM YADAV A B V N HARISH P MANISH DAS P M	DRONE BASED FIELD VERIFICATION
A19	HARISH. M KARTHIKEYAN K GOWTHAM A NAVEENKARTHIK R JAGADEESH R ELANGO VAN M	SOLDIER HEALTH CARE MONITORING DURING WARZONE USING MANET TECHNOLOGY
A22	LALU PRASANNA. S. B JAGAN N DEVADHARSINI G GOKUL RAJ R KAVIN T R S KISHOR KUMAR B	DESIGN OF SEMI-AUTOMATIC NURSERY SYSTEM


 MCEA STAFF CO-ORDINATOR


 10/10/2021

OVERALL REPORT OF THE ACTIVITY

Mechatronics Engineering Association in association with Institutions' Innovation Council (IIC-KEC) organised the event "IDEATHON'21". This opportunity was very well grabbed by students in developing their technical knowledge and implementing the same in practical applications. The event helped the students to select and define various problem statements in various sectors. Students utilised the opportunity to build their technical skills and employed various problem-solving techniques to explain their exclusive ideas to juries and convince them through presentation. Students energetically participated in the event and won many cash prizes based on their performances. The event was flourishing and conducted successfully.