

# Thiagarajar College of Engineering, Madurai

TCE Entrepreneurship Cell (TCE E – Cell)

Academic Year 2022-2023

## E - Cell Events

Sno	Date	Details
1	05.09.2022	Inaugural of TCE- IITM Build Club and E-Cell
2	05.09.2022	TCE E-Cell Students Projects Display
3	13.10.22 – 15.10.22	Empower Conference at IITM RP
4	14.10.22	Figma Workshop
5	03.11.22 - 05.11.22	Envision 2022
6	16.11.22	National Education Day Events
7	24.11.22	Demo Day
8	02.02.23	CEO Connect
9	18.02.23	L2M Contest at IITM RP
10	27.02.23	IITM RP Build Club Rapid Prototyping Workshop - Second Level
11	04.03.23	Stake_TCE's First Mock Business Expo
12	13.04.23	E Cell Valedictory Function

## TCE-IITM Build Club Inaugural

TCE Build Club is an initiative of IIT Madras Research Park in collaboration with TCE, Madurai and Maxelerator Foundation, Madurai. Its aim is to inculcate in students, the skills of creating an idea into a market ready product. Mr.K.Hari Thiagarajan Trustee,TCE, Mr.Nanu Sawmy Founder of maxelerator Foundation, Dr M.Palainatharaja Principal Tce, Mr. Pragadhish 10X Strategy Officer,IITM incubation cell and Mrs.Naavena sawmy Co founder of maxelerator Foundation and Inagurated the TCE IITM Build club on Sep 5<sup>th</sup> 2022.

Mr K Hari Thiagarajan addressed the importance of build club and the insight of increasing the entrepreneurs in the society which was the main goal of the build club of IITM. The chief guest Mr Nanu Sawmy remarked that this program is done for the first time out of IIT madras due to TCE's enormous talents and he also gave a glimpse of how to work in a service oriented country like India. The agenda or the ethics of build club was addressed by Mr Pragadhish. The core members of the club was introduced by Professor S.Karthiga assistant professor IT department, TCE.



Overall the inauguration was a grand success and the workshop was initiated successfully for the students who are going to be mentored by experts from IITM in the completion of projects and prototypes which instils confidence in the students to innovate and create a successful project by themselves.







# THIAGARAJAR COLLEGE OF ENGINEERING

( A GOVT. AIDED AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY )

MADURAI 625015, TAMIL NADU

*Cordially Invites you all for the*

## TCE - IITM BUILD CLUB

### INAUGURATION

*on 5<sup>th</sup> September 2022 at 09-30 a.m.  
at KS Auditorium*

#### CHIEF GUESTS

**MR NANU SWAMY**

**FOUNDER, MAXELERATOR FOUNDATION**

**MR PRAGADHISH**

**10X STRATEGY OFFICER, IITM INCUBATION CELL**

#### PRESIDENTIAL ADDRESS

**MR. K. HARI THIAGARAJAN**

**TRUSTEE**

**THIAGARAJAR COLLEGE OF ENGINEERING**

#### WELCOME ADDRESS

**Dr. M. PALANINATHARAJA**

**PRINCIPAL**

**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI.**





# **AGENDA**

- 09:30 – 09:35AM Prayer song
- 09:35 – 09:45 AM Welcome Address  
**Dr. M. PALANINATHARAJA**  
Principal  
Thiagarajar College of Engineering, Madhavaram
- 09:45 – 10:00 AM Presidential Address  
**MR. K. HARI THIAGARAJA**  
Trustee  
Thiagarajar College of Engineering
- 10:00 – 10:10 AM Guest Introduction  
**S KARTHIGA**  
Assistant Professor, IT, TCE
- 10:15 – 10:20 AM Inaugural Address  
**MR NANU SWAMY**  
Founder, Maxelerator Foundation
- 10:20: – 10:30 AM About IITM Build Club  
**MR PRAGADHISH**  
10X Strategy Officer, IITM Incubation Cell
- 10:30: – 10:35 AM Vote of Thanks  
**Dr. S. Chandran**  
Associate Professor, Civil, TCE
- National Anthem



## Thiagarajar College of Engineering, Madurai

2/9/2022

TCE/EDC/Build club Launch Programme

To  
The Principal,  
Thiagarajar College of Engineering,  
Madurai - 625015

Respected Sir,

Sub:- Request for OD Permission for the Build club Students - Permission Reg

IITM Build club Inaugural is scheduled on 5th and 6th of September, 2022. In this regard, Build club students volunteered in participating in the events during the launch programme. We have planned an Inaugural function followed by a Project display by the students of build club and a 2 days workshop handled by IITM- Research park. Hence I request you to kindly provide OD permission for the students involved in these activities. The list is attached for your kind perusal.

Thank you.

**Note:**

1. For the students who are attending the Inaugural and the project display, OD may be granted for the first 2 hrs. 9.00 to 11.00am (5th Sep 2022).
2. For the students who are attending the 2 days workshop, the OD may be granted for all the hours of 5th and 6th of Sep 2022.
3. For the organizing students the OD may be granted for all the hours of 5th and 6th September

Encl :

1. Students Name List

S. J. J. J.  
2/9/22

S. R.  
2/9/22

PRINCIPAL /c  
THIAGARAJAR COLLEGE OF ENGINEERING  
MADURAI-625 015.



# Thiagarajar College of Engineering, Madurai

## TCE BUILD CLUB ORGANIZERS

NO	NAME	REG NO
1	THIRUMALAI K G	20IT112
2	V Balaji Arighant	20H004
3	Karunasagar A	20H019
4	Abhinav B	19D003
5	Shri Krishna	19D092
6	Preetham Meenakshi	19F034
7	Ismail	20F039
8	Matheshwara	20D053
9	Venkat	20C104
10	Vetrivel	20F060
11	Narendran	20F043
12	Ashok K S	20H003
13	Harini Srinivasan	20C021
14	Srethan	21G096
15	Natish	20E056
16	Guru Baskar	20C022



**Thiagarajar College of Engineering, Madurai**

2/9/2022

TCE/EDC/Build club Launch Programme

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Thiagarajar College of Engineering,  
Madurai - 625015

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Encl :

1. Students Name List

S. Karthiga  
2/9/22  
[S.KARTHIGA]

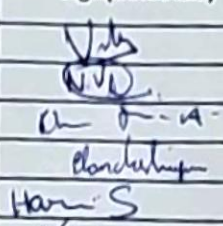
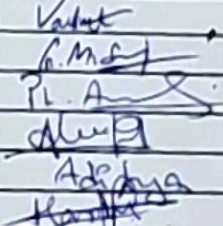
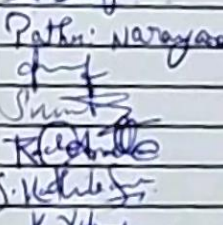
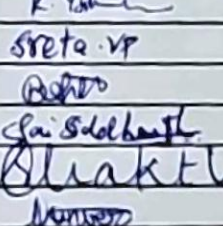
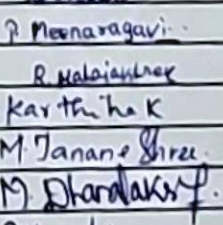
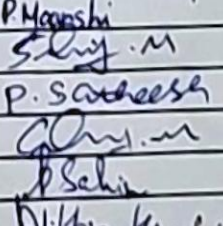
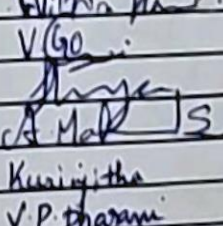
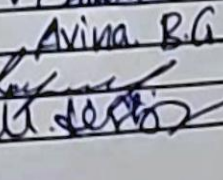
S. R.  
2/9/22  
Principal - Thiagarajar



# Thiagarajar College of Engineering, Madurai

## IITM Build Club - Inaugural

Sep 5th- 6th, 2022 (2 Days Workshop)

S.no	Team Members	Register Number	Topic	Year	Dept	Sign(06.09.22)
1	Vishal GK	20C108	Edge Computing	3	CSE	
	Vishwanath N	20C110				
	Roshan Jose AJ	20C072				
	Elachezhian	20C029				
	Harini	20C024				
	Venkata Subramani SN	20C104				
2	Sanjeev GM	21IT086	Android App - Remainder App	2	IT	
	Annamalai PL	21IT012				
	Abhinav Krishna B	21IT004				
	Aditya J	21IT007				
	Suresh Kumar R	21IT105				
3	Pathri Narayanan N	20IT065	Rolling Display	3	IT	
	Akil Arsath J	20IT008				
	Suganthi S	20IT105				
	Rachel Aradhana D	20IT073				
	Karthick Saran	20IT040				
	Yukesh Kumar K	20IT121				
4	Srethan VP	21G096	RFID TAG	2	Mech	
	Rishith G	21G079				
	Sai Siddharth S	21G083				
	Shakthi Pa	21G090				
	Thanveer Ahamed	21G104				
5	Meenaragavi P	20H027	RFID TAG	3	CSBS	
	Mahajaishree R	20H025				
	Karthika K	20H018				
	Janane Shree M	20H016				
	Dhanalakshmi M	20H009				
	Maanshi P	20H024				
6	Srihari M	20F054	Energy Meter	3	Mect	
	Satheesh P	21IT090		2	IT	
	Ganesha Moorthy D	20F062		3	Mect	
	Sachin K	21H041		2	CSBS	
7	Nithin Krishna J	20F046	Water Flow Meter	3	Mect	
	Gowtham V	20F026				
	Sharanya G	20F052				
	Mohammed Ismail	20F039				
	Kurinjitha K	20F036				
8	Dharani VP	21B024	Water Flow Meter	2	Civil	
	Avina BG	21B015				
	Loyolo Kevin Raja	21B051				
	Harish Karthikeyan	20F027				



9	Keerthi Varman	20F034	Micromouse	3	Mect	R Keerthi	
	Kishore	20F035					3
	Vetrivel	20F060					3
	Hari P	21F016					2
	Jeshuran Cornelius KSR	21F024					2
10	Aishwarya	21IT008	Rolling Display	2	IT	Aishwarya Jayaa Sri Sarvika Lakshmi Aiswarya Lithu Varshini	
	Jayaa Sri	21IT045					
	Sarvika	21IT088					
	Lakshmi Aiswarya	21IT056					
	Lithu Varshini	21IT059					
11	Muthaiah M /	20F040	IOT Based Patient Monitoring System	3 & 2	MECT	Muthaiah Amrith Aishwarya Lokeshwari Gayathirisrinidhi Haritha M	
	Amrith S /	20F005					
	Aishwarya K J V /	20F004					
	Lokeshwari M	20F038					
	Gayathirisrinidhi K	21F014					
	Haritha M	20F029					
	Raji Santhoshi T G /	19D070					
12	Mahalakshmi C /	19D047	Smart Blind Stick	4	ECE	M. Haritha Mahalakshmi	
	Balamurugan P /	20D015	Colour sensor based water quality detector	3	ECE	C. Mala Lithu Varshini Rajitha S.V. Rithika Jagannath	
Madhankumar S /	20D051						
Rithik Jagannath SV /	20D067						
14	Aadithya /	20 E001	Semi autonomous robot using discord bot	3	EEE		

2.	Alagu parikshit	21F004	Smart Blind Stick	2	MECT.	Alagu parikshit
2.	Vetrivinayagam . S	21F057	Smart blind stick.	2	MECT.	Vetrivinayagam . S
	Anuvudhya . K	21C013	Edge computing	2	CSE	K. Anuvudhya
	Dhanvan Venkatesh S	20IT024	RFID	3	IT	Dhanvan
	Krishnakumar V	20IT043	RFID	3	IT	V. Krishnakumar
	Prithvirajan P	20IT071	RFID	3	IT	P. Prithvirajan
	Rakshith S	20IT077	RFID	3	IT	Rakshith
	Swetha S	20IT09	RFID	3	IT.	Swetha



# Thiagarajar College of Engineering, Madurai

## IITM - Build Club Inaugural Participants

Sept 5th and 6th, 2022

S.No	Name:	Reg.No	Ph.No	Department	Year	Sign
1	P.Satheesh	21IT090	8754229116	IT	2nd year	P. Satheesh
2	VETRIVINAYAGAN S	21F059	8870387901	Civil	2nd year	
3	Jeshuran Cornelius K S R	21F024	6383439117	Civil	2nd year	
4	Guruprasath M	21G026	9488610707	Civil Mechanical	2nd year	M. Guruprasath.
5	Alagu pariksit A	21F004	8838384993	Civil	2nd year	
6	Hemraj N.H	21F021	7449124095	Civil	2nd year	
7	SRI MAREESWARAN J	21G097	7010204323	Civil	2nd year	
8	LOYOLO KEVIN RAJA A	21B051	87782 72579	Civil	2nd year	Loyola Kevin
9	R.DEEPASHRI	2E+18	6379833343	Civil	3rd year	
10	G Sharanya	20F052	8754214308	Civil	3rd year	
11	Rohith Samuel	20B080	9952566141	Civil	3rd year	Rohith Samuel
12	Vasikaran K	21C113	7667337401	Civil	2nd year	
13	X.Rosen Antro	2E+72	9345765026	CSBS	3rd year	
14	T.Thanga Tamil Selvan	21F056	9385875646	CSBS	2nd year	
15	Kurinjitha.K	20F036	6381986866	CSBS	3rd year	
16	Vineesha V	21C116	8977937889	CSBS	2nd year	
17	Karunasagar A	20H019	9487075190	CSBS	3rd year	
18	Aadithya R	200	8300638010	CSBS	3rd year	
19	Jayaa Sri K	21IT045	9843858348	CSBS	2nd year	
20	Aishwarya N	21IT008	8870100758	CSE	2nd year	Aishwarya N
21	LITHU VARSHNI V	21IT052	9952887147	CSE	2nd year	
22	Yukesh kumar K	20IT121	9087991368	CSE	3rd year	Vikram Vikash
23	Lakshmi Aiswarya	21IT056	7397049260	CSE	2nd year	K. Lakshmi
24	Harshini T G R	20IT035	9677471045	CSE IT	3rd year	Harshini TGR
25	NAGASREE R A	20IT056	8754022833	CSE IT	3rd year	R.A. Nagasree
26	Dinaker T	21IT032	6369034477	CSE IT	2nd year	T. Dinaker
27	Nithin Krishna J	20F046	9042358355	CSE Mechatronics	3rd year	Nithin J
28	Gowtham V	20F026	6385747711	CSE Mechatronics	3rd year	V. Gowtham
29	Santhosh KMR	21H044	7010962454	CSE	2nd year	
30	Karthik Saran S	20IT040	9384435111	CSE	3rd year	Karthik Saran
31	PATHRI NARAYANAN N	20IT065	9790061191	CSE	3rd year	
32	Amrith S	20F005	6379684989	ECE	3rd year	
33	SRINIVAS KARTHIK D	21H053	7639211262	ECE	2nd year	
34	Varun Balaji	20C101	9840792120	ECE	3rd year	
35	G K Vishal	20C108	9488164894	EEE	3rd year	
36	Vishwanath N	20C110	8778439869	EEE	3rd year	
37	Roshan Jose A J	20C072	7397384774	EEE	3rd year	
38	Satwik V Bolar	20IT090	8668078274	EEE IT	3rd year	Satwik V Bolar
39	Elanchezhyan V	20C021	9344456232	EEE	3rd year	
40	ARJUN PRITHVI V	21IT014	7708223227	IT	2nd year	
41	Dayalaxmi S	21IT026	9361736398	IT	2nd year	S. Dayalaxmi
42	BERLIN SHANE AISHWARYA	21IT021	7639306401	IT	2nd year	B. Berlin Shane

Bharath Vikash. 21IT022 9786817187 IT 2nd year M.M. Bharath Vikash  
 Ritwick joshua 21C076 6374380158 CSE 2nd year K. Ritwick  
 Rishiyanth S 20C070 8667220122 CSE 3rd year S. Rishiyanth  
 Jagajeet Putta 20C034 900570545 CSE 3rd year J. Jagajeet  
 K. Senthil Shunmugam 21D5028 6381545185 DS 2nd year K. Senthil  
 S. Sathya Sai Narayanan 21MS07 8123886468 DS 2nd year S. Sathya Sai Narayanan



43	V.Vetrivel	20F060	9025960803	IT	3rd year	
44	Karthikeyan s	21IT051	9080031118	IT	2nd year	S. Karthikeyan
45	Sarvika P	21IT088	9677445599	IT	2nd year	S. Sarvika
46	SACHIN K	21H041	7200271683	IT	2nd year	
47	V Balaji Arighant	20H004	9445089785	IT	3rd year	
48	Milan Jose V	21G056	9363200530	#MECHAN	2nd year	Milan Jose V
49	Akil Arsath J	20IT008	9994054870	IT	3rd year	Akil Arsath
50	Rishith Gnanasekar	21G079	9952036599	*Mech	2nd year	Rishith
51	THIRUMALAI K G	20IT112	9080604358	IT	3rd year	
52	Shreeram S	20IT092	6385635056	IT	3rd year	Shreeram
53	M.RAMESH	20B126	9384231651	#MCT	3rd year	
54	Susendhra S	21F053	9894511970	IT	2nd year	S. Susendhra
55	Suganthi S	20IT105	9487178783	IT	3rd year	Suganthi
56	Thanveer Ahamed.s	21G104	6380039538	MECH	2nd year	Thanveer Ahamed.s
57	GOWTHAM A K	21G023	9750309944	MECH	2nd year	Gowtham A K
58	Rachel Aradhana D	20IT073	9150910557	IT	3rd year	Rachel Aradhana D
59	Sai Siddharth S	21G083	8148024248	IT	2nd year	
60	Kishore R	20F035	9360976161	IT	3rd year	
61	Hari P	21F016	9488308473	#MCT	2nd year	Hari P
62	GANESH SHANKAR RAM B	20D027	8071584192	IT	3rd year	
63	Subash A	19C105	7010566424	IT	4th year	
64	Lowkeshwari M	20F038	9629203145	IT	3rd year	
65	Haritha M	20F029	9942188585	Mechanical	3rd year	
66	Muthaiah M	20F040	8754935992	Mechanical	3rd year	
67	Aishwarya	20F004	7305705570	Mechanical	3rd year	
68	PRASANTHKUMAR V A	21G071	7010584083	Mechanical	2nd year	Prasant Kumar V A
69	Adhitya	20G003	6374512219	Mechanical	2nd year	
70	HARIHARAN R	21G028	9789666415	Mechanical	2nd year	R. Hariharan
71	Swathi A	21B106	6369129004	Mechanical	2nd year	
72	HARISH KARTHIKEYAN M	20F027	9940791217	Mechanical	3rd year	
73	Rigzin Wangmo	21B083	6005076624	Mechanical	2nd year	
74	Srihari M	20F054	9940865765	Mechanical	3rd year	
75	N.Jaffar Nisha	21C038	9597002276	Mechanical	2nd year	N. Jaffar Nisha
76	Ancy Riga SA	21D006	8220743970	Mechanical	2nd year	
77	AVINA B G	21B015	7810033528	Mechanical	2nd year	
78	M.PRAGATHESWARAN	21F032	76959 71848	Mechatronics	2nd year	
79	Karunasagar A	20H019	9487075190	Mechatronics	3rd year	
80	VENKATA SUBRAMANI A T	20C104	9384138685	Mechatronics	3rd year	
81	VIGNESHWARAN R	20B132	9047110683	Mechatronics	3rd year	
82	Srethan V P	21G096	8870227205	Mechatronics	2nd year	
83	Keerthivarman R	20F034	9361435348	Mechatronics	3rd year	
84	S.R.ABJSINI	21C005	9360750714	Mechatronics	2nd year	S. R. Abjini
85	RAMYAVARSHINI P	20H038	6379 464 079	Mechatronics	3rd year	
86	Abirami.S	20IT003	9205141961	Mechatronics	3rd year	
87	Dharshini G	21C023	8428899056	Mechatronics	2nd year	Dharshini G
88	SRI YUVA RAANI S P	21IT099	6381045549	Mechatronics	2nd year	Sri Yuva Raani S P
89	Manju Bhargavi S	21D052	9360508665	Mechatronics	2nd year	

K. Jaisravan	21C039	9597626049	CSE	2nd yr	K. Jaisravan
Dhakeshesh TWA	21C021	9481837915	CSE	2nd yr	Dhakeshesh
der Nafeez . S	21C043	7538875027	CSE	2nd yr	der Nafeez . S
	21C017	8828078151	CSE	2nd yr	



90	K. S. GOPINAYAGHAN	19B032	9629713585	Mechatronics	4th year	
91	SWETHA VALLI S B	20E 098	9345701823	Mechatronics	3rd year	
92	JEEVITHA E	2E+31	6380925795	Mechatronics	3rd year	
93	Yokeshwaran	21G118	9360530847	Mechatronics	2nd year	N. Yolceshwaran
94	JAYARAJ R	21F023	8925479407	Mechatronics	2nd year	
95	RAJAPANDIYAN	21B 076	8220539352	Mechatronics	2nd year	
96	Iswarya B	21B041	9442883664	Mechatronics	2nd year	
97	M.P.Adithi	20IT004	8220564429	Mechatronics	3rd year	
98	Vishal	20G138	7639091476	Mechatronics	3rd year	
99	VIGNESWER RAJA E	20IT131	9842563253	Mechatronics	3rd year	
100	Abhirami Shri	21B001	7305230230	Mechatronics	2nd year	

Joshua Russel. J	21C041	9629184078	CSE	2nd yr	
Abhinav	21C002	7373013970	CSE	2nd yr	
Vivegan C J	21C017	8925482728	CSE	2nd yr	
Abirah M	21C004	9342451449	CSE	2nd yr	
Sina Swaya. P	21C096	9080249286	CSE	2nd yr	
P. Parthivraj P	20IT071	9360211702	IT	3rd yr	
Krishnakumar V	20IT043	9629296800	IT	3rd yr	
Dhanan Veerabhadh S	20IT024	9677784097	IT	3rd yr	
Rakesh S	20IT077	8667405971	IT	2nd yr	
Swetha S.	20IT109	7010521941	IT	3rd yr	
Nivetha G	21B065	6379271625	CIVIL	2nd yr	
Rajalakshmi R	21B075	6380240970	CIVIL	2nd year	
Priya Narothitha. N	21B072	8838897567	CIVIL	2nd year	
Lakshmi Priya B	20C048	8825885626	CSE	3rd year	
shrinitha SS	20C081	8610032347	CSE	3rd year	
Sornamugi D S	20C086	9597671623	CSE	3rd year	
Meenakshi M	20C053	9345564085	CSE	3rd year	
Prasidha S	20C062	9943017679	CSE	3rd year	
Muthu Aishwaryaa S	20C055	9444815665	CSE	3rd year	
Kuithika R. K	9177215020	9019965508	Data Science	2nd year	
Anuvidhya. K	21C013	9486007452	CSE	2nd year	
Aishwarya chree	21C006	8825643932	CSE	2nd yr	



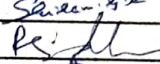
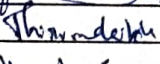
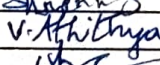

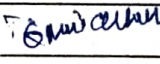
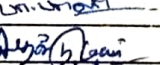
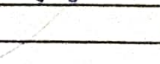
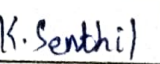


Meenasagavi P 97090456632

Meenasagavi P	20H027	9790456632	CSBS	3 <sup>rd</sup> year	P Meenas
Radhika K	20H035	9042229815	CSBS	3 <sup>rd</sup> year	K Radh
Mahajashree R	20H025	8718936304	CSBS	3 <sup>rd</sup> year	R Mah
Janane Shree M	20H016	7010319526	CSBS	3 <sup>rd</sup> year	M Jan
Karthika K	20H018	9789150343	CSBS	3 <sup>rd</sup> year	K Karth
Maanshi P	20H024	9787001104	CSBS	3 <sup>rd</sup> year	P Maan
Dhanalakshmi M	20H009	9360865875	CSBS	3 <sup>rd</sup> year	M Dha
<del>Abhishek R</del>	<del>210005</del>	<del>9360865875</del>	<del>CSE</del>	<del>3<sup>rd</sup> year</del>	<del></del>
Roshan	20C071	9087511970	CSE	3 <sup>rd</sup> year	Roshan
Elamukilan	20C020	9791319274	CSE	3 <sup>rd</sup> year	Elamu
Akash K	19G005	9827859815	MECH	4 <sup>th</sup> yr	Akash
Srihari M	20F054	9940865765	MECT	3 <sup>rd</sup> yr	Srihari
Prasanth Kumar V.A.					
Muhammad Sulail T	20B055	9486712255	CIVIL	3 <sup>rd</sup> yr	T. M. Sulail
Rokul S	20B116	8754060379	CIVIL	3 <sup>rd</sup> yr	Rokul S
Shree Ragesh K	20B089	9288193180	CIVIL	3 <sup>rd</sup> year	Shree Ragesh
Shree Ragesh K	20B133	9095993220	CIVIL	3 <sup>rd</sup> year	K. Ragesh
Shree Ragesh K	20B123	7695998607	CIVIL	3 <sup>rd</sup> year	V. Ragesh
Shree Ragesh K	21C013	9486007452	CSE	2 <sup>nd</sup> year	K. Ragesh



**Thiagarajar College of Engineering, Madurai**  
**IITM Build Club - Inaugural**  
**Project Display on Sept 5th, 2022**

S.No	Team Leader	Register Number	Topic	Year	Dept	Type	Signature
✓ 1	Vasikaran K	21C113	PWA for visually impaired people to access the courses	2	CSE	Software	 Daya Vineesh
	Dayalaxmi S	21IT026			IT		
	Vineesha V	21C116			CSE		
	Santhosh KMR	21H044			CSBS		
	Srinivas Karthick D	21H053			CSBS		
✓ 2	Aadithya Sruithik I	20 E001 20D084	Semi autonomous robot using discord bot	3	EEE ECE	Hardware	
✓ 3	Sriram G K	20H047	Software solution for 0 waste socitey	3	CSBS	Software	 Sudharsan Thanush A A Dilli Baskar Ramya Varshini Uma Maheshwari
	Sudharsan	20H050			CSBS		
	Thanush A A	20H055			CSBS		
	Dilli Baskar X	20G022			Mech		
	Ramya Varshini	20H038			CSBS		
	Uma Maheshwari	20H057			CSBS		
✓ 4	Thirumalai KG	20IT112	AutoX	3	IT	Software	 Vigneshwer Raja Shreeram S
	Vigneshwer Raja	20IT131					
	Shreeram S	20IT92					
✓ 5	MEGAATHITHYA	20B123	AUTOMATIC FLOOR CURING DEVICE	3	CIVIL	Hardware	 RohitSamuel Vimal Raj Gokul Mohammad Suhail
	RohitSamuel	20B080					
	Vimal Raj	20B133					
	Gokul Mohammad Suhail	20B116 20B055					
✓ 6	Dhanvan Venkatesh S	20IT024	Tourism Application with real time crowd monitoring	3	IT	Software	 Swetha S Prithivirajan Krishna Kumar Raksith S
	Swetha S	20IT109					
	Prithivirajan	20IT071					
	Krishna Kumar	20IT043					
	Raksith S	20IT077					
✓ 7	Raji Santhoshi T G	19D070	Smart Blind Stick	4	ECE	Hardware	 Mahalakshmi C
	Mahalakshmi C	19D047					
✓ 8	Balamurugan P	20D015	Colour sensor based water quality detector	3	ECE	Hardware	 Madhankumar S Rithik Jagannath SV
	Madhankumar S	20D051					
	Rithik Jagannath SV	20D067					
✓ 9	Logeshwaran R	19S016	Driver Drowsiness Detection	4	DS	Software	 Santhosh Kumar S
	Santhosh Kumar S	19S030					
✓ 10	Senthil Shunmmugam K	917721S028	Driver Drowsiness Detection Invisible Cloak	2	DS	Software	 Sathya Sai Narayanan S Krithikaa RK
	Sathya Sai	917721S027					
	Narayanan S	917721S027					
	Krithikaa RK	917721S020					

~~~~~

| 20C098 |                      |        | Safe driving Assistant                                                  |      | 3 |          |                                                                                             |  |
|--------|----------------------|--------|-------------------------------------------------------------------------|------|---|----------|---------------------------------------------------------------------------------------------|--|
| ✓ 11   | Varsha *SK           | 20C089 | Driver Driveness System                                                 | CSE  | 2 | Software | SK Varsha<br>K Anuvudhya                                                                    |  |
|        | Anuvudhya.K          | 21C013 |                                                                         |      |   |          |                                                                                             |  |
|        | Aiswarya Shree H     | 21C006 |                                                                         |      |   |          |                                                                                             |  |
| ✓ 12   | Ramya V              | 19C135 | AR/VR GAME USING HAPTIC DEVICE                                          | CSE  | 4 | Hardware | Ramya V<br>M...                                                                             |  |
|        | NECIKA P             | 19C060 |                                                                         |      |   |          |                                                                                             |  |
| ✓ 13   | S.Vivekanantha       | 19G136 | Hydraulic vane pump with conical rotor                                  | Mech | 4 | Hardware | S.Vivekanantha<br>Sukhi Roy M S<br>KARTHIKA SAI LAKSHMI<br>NANDHA KUMAR S S<br>THAVAKUMAR C |  |
|        | Sukhi Roy M S        | 19G101 |                                                                         |      |   |          |                                                                                             |  |
|        | KARTHIKA SAI LAKSHMI | 19G034 |                                                                         |      |   |          |                                                                                             |  |
|        | NANDHA KUMAR S S     | 19G057 |                                                                         |      |   |          |                                                                                             |  |
|        | THAVAKUMAR C         | 19G108 |                                                                         |      |   |          |                                                                                             |  |
| ✓ 14   | Aadithya Pandian S P | 19G001 | Development for cutting and converting Prosopis Juliflora into ethanol. | MECH | 4 | SOFTWARE | Aadithya Pandian S P<br>Akshay Krishna M                                                    |  |
|        | Akshay Krishna M     | 19G008 |                                                                         |      |   |          |                                                                                             |  |
| ✓ 15   | Akash K              | 19G005 | Low Cost Automatic Pressure control Ventilator                          | Mech | 4 | Software | Akash K<br>Hariharan A B<br>Nivedhitha S<br>Rithika Bharathi S<br>Raj Kumar S               |  |
|        | Hariharan A B        | 19G025 |                                                                         |      |   |          |                                                                                             |  |
|        | Nivedhitha S         | 19G063 |                                                                         |      |   |          |                                                                                             |  |
|        | Rithika Bharathi S   | 19G073 |                                                                         |      |   |          |                                                                                             |  |
|        | Raj Kumar S          | 19G069 |                                                                         |      |   |          |                                                                                             |  |

✓ 16 yabin Lijo G 19G111 Design and development of plastic cutting and scraping machine 4 mech software yabin Lijo G

✓ 17 Anun Prakash P 19G102 Kishor Kilsharan S 19G1039 shunmuga anandh S 19G1091 Sri Guru Balaji R 19G1096 4 mech software Anun Prakash P Kishor Kilsharan S shunmuga anandh S Sri Guru Balaji R

AKASH  
HARIHARAN







THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015  
(A Govt. Aided Autonomous Institution Affiliated to Anna University)

Note submitted to the Principal:

29.09.2022

**Sub: Requisition to approve Travelling allowance to students for EMPOWER 2022-reg.**

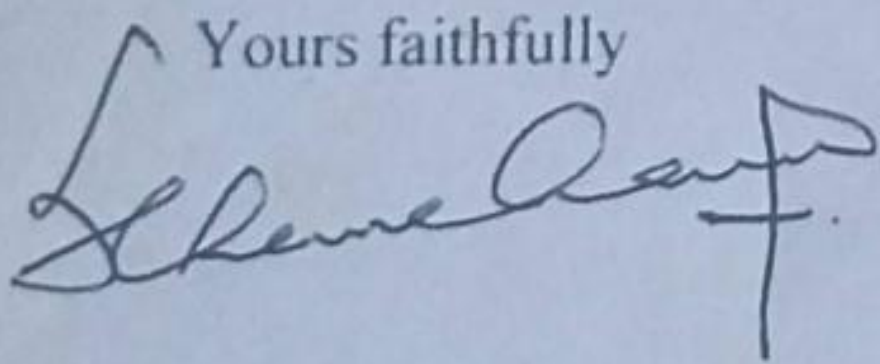
As a part of EDC activities, 13 students of various departments are participating in a conference **EMPOWER 2022** on Assistive Technologies to be held at **IIT Madras Research Park (IITMRP), Chennai** from October 13 to 15, 2022. Permission may kindly be accorded to the following students to avail Travelling allowance (Limited to II Class train fare and local conveyance at Chennai) from their respective department budget under **Student New Initiative Fund.** - Dept A/c.

| S.No. | Reg. No. | Name                | Year | Department   | Project done                                                  |
|-------|----------|---------------------|------|--------------|---------------------------------------------------------------|
| 1.    | 19D087   | Shankar Mahadevan G | IV   | ECE          | Human Machine Interface for Wheel Chair based on sEMG signals |
| 2.    | 20D096   | Vijayabaskar.C.R    | III  | ECE          | SPICE GUIDE for BLIND                                         |
| 3.    | 21C013   | Anuvidhya.K         | II   | CSE          | Real time Sign language translator using AI and ML            |
| 4.    | 21C006   | Aishwaryashree.H    | II   | CSE          |                                                               |
| 5.    | 19IT100  | Sreeram B           | IV   | IT           | Virtual Visit using VR                                        |
| 6.    | 19IT076  | Reenasree S         | IV   | IT           |                                                               |
| 7.    | 20E055   | Natish M            | III  | EEE          | Assistive Footwear for People affected by polio Virus         |
| 8.    | 20E017   | Deepashri R         | III  | EEE          |                                                               |
| 9.    | 20E003   | Aditya Mishra       | III  | EEE          |                                                               |
| 10.   | 20F022   | Devaprasad S        | III  | Mechatronics | Multi point Lidar based Robot Navigation using ROS            |
| 11.   | 20F052   | Sharanya G          | III  | Mechatronics |                                                               |
| 12.   | 20GO24   | Ebenesar            | III  | Mechanical   | Affordable exoskeleton Arm with the help of simple pneumatics |
| 13.   | 20G038   | Hemachandran        | III  | Mechanical   |                                                               |

Actual II class Trainfare + local conveyance by call taxi.  
≈ Rs. 900/head (Student).

Thanking you,

Yours faithfully



Yes  
29/9/22



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015**  
(A Govt. Aided Autonomous Institution Affiliated to Anna University)

06.10.2022

**Note submitted to the Principal:**

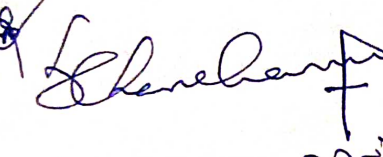
**Sub: Requisition for On-Duty Permission for the students participating in EMPOWER 2022 –reg.**

As a part of EDC activities, 13 students of various departments are participating in a conference EMPOWER 2022 on Assistive Technologies from October 13 to 15, 2022 at IIT Madras Research Park (IITMRP), Chennai. We request your kind approval to sanction On-duty permission for the following students on the above mentioned dates.

| S.No. | Reg. No. | Name                | Year | Department   | Project done                                                  |
|-------|----------|---------------------|------|--------------|---------------------------------------------------------------|
| 1.    | 19D087   | Shankar Mahadevan G | IV   | ECE          | Human Machine Interface for Wheel Chair based on sEMG signals |
| 2.    | 20D096   | Vijayabaskar.C.R    | III  | ECE          | SPICE GUIDE for BLIND                                         |
| 3.    | 21C013   | Anuvidhya.K         | II   | CSE          | Real time Sign language translator using AI and ML            |
| 4.    | 21C006   | Aishwaryashree.H    | II   | CSE          |                                                               |
| 5.    | 19IT100  | Sreeram B           | IV   | IT           | Virtual Visit using VR                                        |
| 6.    | 19IT076  | Reenasree S         | IV   | IT           |                                                               |
| 7.    | 20E055   | Natish M            | III  | EEE          | Assistive Footwear for People affected by polio Virus         |
| 8.    | 20E017   | Deepashri R         | III  | EEE          |                                                               |
| 9.    | 20E003   | Aditya Mishra       | III  | EEE          |                                                               |
| 10.   | 20F022   | Devaprasad S        | III  | Mechatronics | Multi point Lidar based Robot Navigation using ROS            |
| 11.   | 20F052   | Sharanya G          | III  | Mechatronics |                                                               |
| 12.   | 20GO24   | Ebenesar            | III  | Mechanical   | Affordable exoskeleton Arm with the help of simple pneumatics |
| 13.   | 20G038   | Hemachandran        | III  | Mechanical   |                                                               |

Thanking you,

Yours faithfully,

  
(S. CHANDRAN)

Yes  
M. [Signature] 27/10/22



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI -15**  
(A Govt. Aided Autonomous Institution Affiliated to Anna University)

**REPORT ON EMPOWER 2022@ IITMRP, Chennai**  
**from 13.10.2022 to 15.10.2022**

**EMPOWER 2022** is an international conference organized at the IIT Madras Research Park , Chennai from October 13 to 15, 2022. The EMPOWER conference is an annual technical event, organized with the objective of bringing together all stakeholders in the assistive technology sector, which includes researchers, user organizations, industries as well as policy makers. The participants are engaged with the issues involved in creation, production and dissemination of “**Assistive Technology (AT) solutions**”. A mix of keynote talks, invited papers, posters, user forums, panel discussion and a product exhibition in EMPOWER 2022 has provided the opportunities for discussions around current solutions, and also seed ideas for research.



*A photoshot of our TCE Team (A faculty and 13 Students) @ EMPOWER 2022, IITMRP, Chennai on 13.10.2022*

A team of students from our institution has participated in the conference as the student exhibitors and presented their projects on Assistive Technologies through the Entrepreneurial Development Cell (EDC) of the institute. Dr.M.Senthilarasi, Assistant Professor of ECE department has participated in the Event. Totally seven projects were presented in the exhibition of the conference by the following students.

| S.No. | Reg. No. | Name                | Year | Department   | Project done                                                  |
|-------|----------|---------------------|------|--------------|---------------------------------------------------------------|
| 1.    | 19D087   | Shankar Mahadevan G | IV   | ECE          | Human Machine Interface for Wheel Chair based on sEMG signals |
| 2.    | 20D096   | Vijayabaskar.C.R    | III  | ECE          | Assistive Technology for Blind                                |
| 3.    | 21C013   | Anuvidhya.K         | II   | CSE          | Real time Sign language translator using AI and ML            |
| 4.    | 21C006   | Aishwaryashree.H    | II   | CSE          |                                                               |
| 5.    | 19IT100  | Sreeram B           | IV   | IT           | Virtual Visit using VR                                        |
| 6.    | 19IT076  | Reenasree S         | IV   | IT           |                                                               |
| 7.    | 20E055   | Natish M            | III  | EEE          | Assistive Footwear for People affected by polio Virus         |
| 8.    | 20E017   | Deepashri R         | III  | EEE          |                                                               |
| 9.    | 20H047   | Aditya Mishra       | III  | EEE          |                                                               |
| 10.   | 20F022   | Deva Prasad S       | III  | Mechatronics | Multi point Lidar based Robot Navigation using ROS            |
| 11.   | 20F052   | Sharnya G           | III  | Mechatronics |                                                               |
| 12.   | 20GO24   | Ebenesar            | III  | Mechanical   | Affordable exoskeleton Arm with the help of simple pneumatics |
| 13.   | 20G038   | Hemachandran        | III  | Mechanical   |                                                               |

The snapshots of their presentation and demonstration are given below. The students have received the feedback from the experts and startup CEOs, which would really help them to promote their ideas and products to the next level.



*Photographs of our exhibit and presentation @ Empower 2022, Amphi theatre ( D7), IITMRP, Chennai*



In the event, our institution- **“Thiagarajar College of Engineering”** was nominated in **“Top 2 Best AT Initiative amongst Educational Institutes”** under **Enabler’s category** of **Assistech Foundation(ATF) Awards 2022**. The participation and exhibit presentation in Empower 2022 programme has brought forward many new ideas and have become an eye opening for students to spread their research and innovation.



*A photoshot during the ATF Award Ceremony, EMPOWER 2022*



*A photoshot during the ATF Award Ceremony, EMPOWER 2022*

Thiagarajar College of Engineering, Madurai

From

14/10/22

V Balaji Arighant

Member of Entrepreneurship Cell – TCE

Thiagarajar College of Engineering, Madurai – 625 015

To

The Principal,

Thiagarajar College of Engineering, Madurai – 625 015

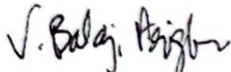
Through Proper Channel

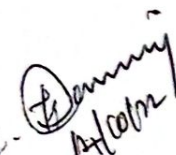
Respected Sir,

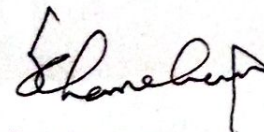
Subject – Request to conduct Figma Workshop on 14<sup>th</sup> October 2022


TCE – Entrepreneurship Cell plans to conduct Figma Workshop on 14<sup>th</sup> October 2022. This event aims to educate its participants on how to use the Figma tool to design front end designs, logos and such similar designs. Hence we kindly request you to allow us to conduct this event on 14<sup>th</sup> October 2022 at IT Seminar Hall.

Yours sincerely,

  
V BALAJI ARIGHANT

  
ECELL Faculty Coordinator

  
Dean Students

  
Principal  
i/c.



ECELL PRESENTS

# FIGMA WORKSHOP

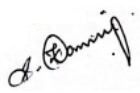
by

Abhinav  
(ECE, 4th year)

14 OCT  
2022



Gform link to register:  
<https://forms.gle/Tfe5UEQsLREWepQL8>

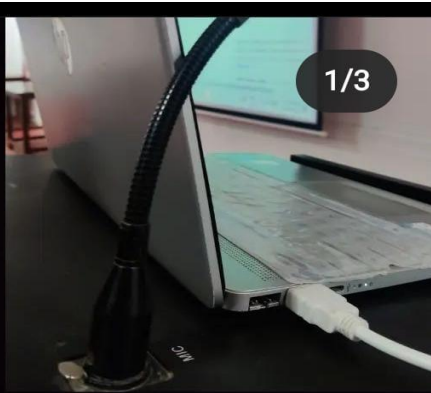
  
E Cell Coordinator



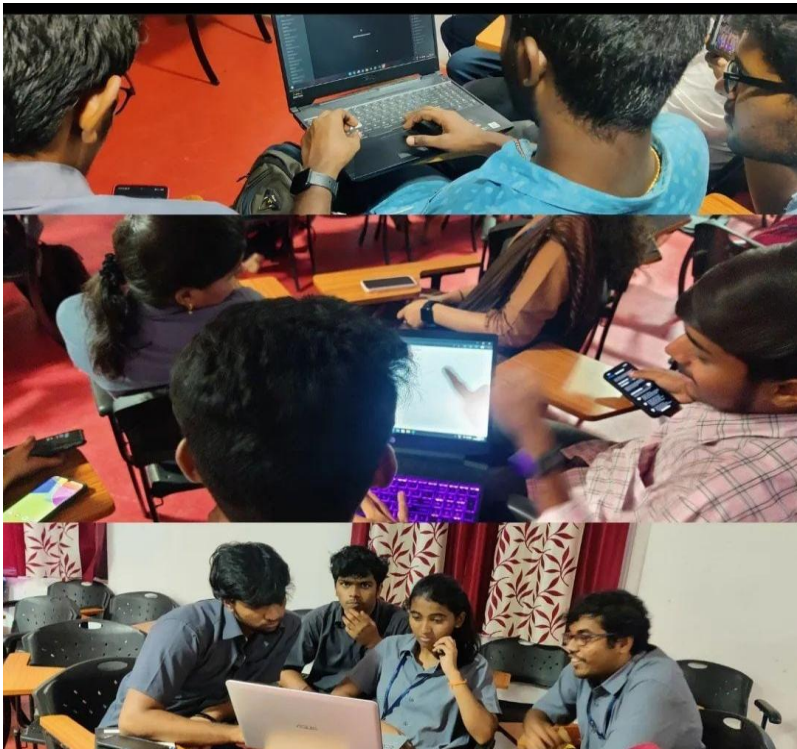
| Email Address                  | Name                 | Register Number | Department   | Mobile number | Signature |
|--------------------------------|----------------------|-----------------|--------------|---------------|-----------|
| hariharanvj@student.tce.edu    | HARIHARAN VJ         | 21IT037         | IT           | 9360994497    |           |
| shabari@student.tce.edu        | Shabari Prakash      | 21C085          | CSE          | 8667270714    |           |
| satheeshp@student.tce.edu      | Satheesh P           | 21IT090         | IT           | 8754229116    |           |
| alagu@student.tce.edu          | Alagu pariksit A     | 21F004          | Mechatronics | 8838384993    |           |
| vetrivinayagan@student.tce.edu | VETRIVINAYAGAN S     | 21F059          | Mechatronics | 8870387901    |           |
| jaffar@student.tce.edu         | N. Jaffar Nisha      | 21C038          | CSE          | 9597002276    |           |
| kiranya@student.tce.edu        | Kiranya R            | 21IT054         | IT           | 8220392586    |           |
| gauthamm@student.tce.edu       | Gautham              | 21IT034         | IT           | 6369076214    |           |
| saisiddharth@student.tce.edu   | Sai Siddharth S      | 21G083          | Mechanical   | 8148024248    |           |
| abdufarith@student.tce.edu     | Abdufarith R A       | 21F002          | Mechatronics | 9788693020    |           |
| selvameena@student.tce.edu     | Selva Meena M        | 21C084          | CSE          | 9385389170    |           |
| jashwanth@student.tce.edu      | Jashwanth R J        | 21G037          | Mechanical   | 7598737160    |           |
| arunkamaraj@student.tce.edu    | Arun Kamaraj S       | 21IT015         | IT           | 9342979800    |           |
| rina@student.tce.edu           | Rina E Veronica      | 20H039          | CSBS         | 9486638080    |           |
| subarna@student.tce.edu        | Subarna Kiruthiga A  | 20H048          | CSBS         | 9042200866    |           |
| sriramgk@student.tce.edu       | Sriram G K           | 20H047          | CSBS         | 8722665392    |           |
| vineesha@student.tce.edu       | VINEESHA V           | 21C116          | CSE          | 8977937889    |           |
| sivaramji374@gmail.com         | Sivaramji.s          | 65400           | CSBS         | 7708247909    |           |
| abinayasenthil1254@gmail.com   | ABINAYA S            | 65518           | IT           | 7010924597    |           |
| Prabanarayanan66@gmail.com     | PRABA N              | 65338           | IT           | 70101 35497   |           |
| sindhiya@student.tce.edu       | Sindhiya Sri G.      | 917721H050      | CSBS         | 8668100599    |           |
| naveenarm@student.tce.edu      | Naveena RM           | 21H034          | CSBS         | 9500765300    |           |
| murugavenkat.mv@gmail.com      | Murugappan Venkatach | 65129           | CSBS         | 6382608307    |           |
| aananthi2005@gmail.com         | Aananthi             | 65545           | IT           | 7010351804    |           |
| lebika2004@gmail.com           | Lebika R             | 65474           | IT           | 7806965542    |           |
| sudarsettaiyan@gmail.com       | SUDAR MANIKANDAN     | 65555           | IT           | 6381390829    |           |
| vvijaya.tvs@gmail.com          | Vijaya dhaarshini V  | 65104           | CSBS         | 8148361617    |           |
| akashbabuselvam@gmail.com      | AKASH BS             | 65454           | IT           | 9345983277    |           |
| johnthomas@student.tce.edu     | A JOHN THOMAS        | 21IT048         | IT           | 9585400182    |           |
| raajujitesh@gmail.com          | R JITESH RAAJU       | 65524           | IT           | 9080135558    |           |
| jemimasushmi@gmail.com         | Jemima sushmi        | 65399           | IT           | 7806926085    |           |
| varunvani2000@gmail.com        | VANEESHWARI K        | 65437           | IT           | 8072449239    |           |
| sanjaykumar03672@gmail.com     | Sanjay kumar         | 65568           | IT           | 9600968851    |           |
| ashokkumarks@student.tce.edu   | ASHOK KUMAR K S      | 20H003          | CSBS         | 6383280531    |           |

|                         |                     |         |              |             |  |
|-------------------------|---------------------|---------|--------------|-------------|--|
| nishanthm@student.tce   | NISHANTH            | 21C060  | CSE          | 6383741687  |  |
| matheshwara@student     | Matheshwara R       | 20D053  | ECE          | 9486228218  |  |
| suriyaes04@gmail.com    | SURIYA PRAKASH E S  | 65397   | CSBS         | 8110982310  |  |
| rkarthikvelavan@gmail   | KARTHIK VELAVAN.R   | 65615   | CSBS         | 8148144175  |  |
| ajithar.student@tce.edu | AJITHA              | 31D003  | ECE          | 7092851121  |  |
| rishiyanth@student.tce  | Rishiyanth S        | 20C070  | CSE          | 8667220122  |  |
| navagithanjali@student  | Navagithanjali G    | 21D64   | ECE          | 7358945650  |  |
| duraisamy@student.tce   | R DURAISAMY         | 21S006  | Data Science | 09443487229 |  |
| logeshb@student.tce.e   | Logesh B            | 20D049  | ECE          | 9342309674  |  |
| vsriram@student.tce.e   | Sriram V            | 20C135  | CSE          | 7904753103  |  |
| gayathrib@student.tce   | GAYATHRI B          | 21D016  | ECE          | 8015589114  |  |
| dayalaxmi@student.tce   | Dayalaxmi S         | 21IT026 | IT           | 9361736398  |  |
| velnambi@student.tce    | Velnambi R          | 20C137  | CSE          | 8825547649  |  |
| smadhumita@student.t    | Madhumita.S         | 21D050  | ECE          | 6374444616  |  |
| sarunkumar1@student     | Arunkumar s         | 20H002  | CSBS         | 8124224901  |  |
| subaharini@student.tce  | S.SUBA HARINI       | 21C102  | CSE          | 9342160920  |  |
| keerthiak@student.tce   | KEERTHIKA K         | 21D040  | ECE          | 9944748428  |  |
| aathiram@student.tce    | Aathira             | 21D001  | ECE          | 7397606677  |  |
| thirisha@student.tce.ed | Thirisha R          | 20H056  | CSBS         | 7092169045  |  |
| mugeshp@student.tce     | Mugesh              | 20D115  | ECE          | 9788599717  |  |
| sudharsanr@student.t    | Sudharsan           | 20H050  | CSBS         | 93605 53239 |  |
| maishwarya@student.t    | Aishwarya M         | 21F003  | Mechatronics | 9500376599  |  |
| sriroophika@student.t   | Sri Roophika N S    | 21F050  | Mechatronics | 9488551435  |  |
| jeyakumar@student.tce   | Jeyakumar R         | 20C037  | CSE          | 8072887739  |  |
| prasidha@student.tce.e  | Prasidha S          | 20C062  | CSE          | 9943017679  |  |
| shrinitha@student.tce.e | Shrinitha S S       | 20C081  | CSE          | 8610032347  |  |
| harimuthu@student.tce   | Hari Muthu M        | 20C026  | CSE          | 7094555708  |  |
| sakthimahendran@stu     | SAKTHI MAHENDRAN    | 21G084  | Mechanical   | 8838533110  |  |
| hariharasudhansm@st     | Harihara Sudhan S M | 20C028  | CSE          | 9787588203  |  |





15TH OCTOBER, 2022  
**FIGMA  
WORKSHOP**  
Conducted by E-Cell Tee



Note submitted to the Principal:

26.10.2022

**Sub: Requisition to participate and avail registration charge cum TA for students to ENVISION 2022 conference-reg.**

As a Partner Institute of IITMRP-TBI, we were requested to participate in **ENVISION 2022 conference** which is to be organized at **IIT Madras Research Park (IITMRP)**, Chennai between 03.11.2022 and 05.11.2022. Permission may kindly be granted to permit the following students for participation and to approve their registration charge and travelling expenses from the respective funds as stated below.

The student details are given below for your kind reference.

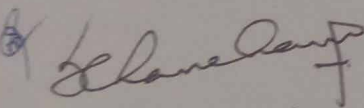
| S.No. | Reg. No. | Name               | Year | Department | Email id                      |
|-------|----------|--------------------|------|------------|-------------------------------|
| 1.    | 19E015   | Bhavithra M        | VII  | EEE        | bhavithra@student.tce.edu     |
| 2.    | 19E107   | Sudha C            | VII  | EEE        | sudhac@student.tce.edu        |
| 3.    | 20E029   | Jaya Dharshini H   | V    | EEE        | jayadharshini@student.tce.edu |
| 4.    | 20E104   | Thivya Tharshini T | V    | EEE        | thivya@student.tce.edu        |
| 5.    | 20E122   | HARIHARAN K        | V    | EEE        | hariharan2323k@gmail.com      |
| 6.    | 21E111   | Tejesh Kumar G N   | III  | EEE        | tejesh@student.tce.edu        |
| 7.    | 21E093   | Sathyajith S       | III  | EEE        | sathyajith@student.tce.edu    |

- Registration charge = 7 x Rs.1416/- per student = Rs. 9912/- from EDC account ✓
- Travelling Expense = 7 x Rs. 900/- per student = Rs, 6300/- from EEE dept. - SF-Students ✓  
Conference head account

We request your kind approval to proceed further.

Thanking you

Yours faithfully

  
(S. CHANDRAN)

Yes  
28/10/22



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI -15**  
(A Govt. Aided Autonomous Institution Affiliated to Anna University)

**REPORT ON ENVISION 2022@ IITMRP, Chennai**  
**from 3.11.2022 to 5.11.2022**

ENVISION is India's First Energy Festival serving as a platform to ideate, collaborate, share perspectives and accelerate the adoption of renewable energy in the country. The three day event (3.11.2022 - 5.11.2022) will feature seminars, panel discussions, student led project demonstrations and activities surrounding the discourse "Towards Net-Zero"

The participants are engaged with the Leverage Net Zero solutions, Access sales and marketing resources, plus demo and developer environments.

A mix of keynote talks, invited papers, posters, user forums, panel discussion and a product exhibition in ENVISION 2022 has provided the opportunities for discussions around current solutions, and also seed ideas for research.



***A photoshoot of our TCE Team ( 10 Students) @ ENVISION 2022, IITMRP, Chennai on***

***3.11.2022***

A team of students from our institution has participated in the conference as the student participants in the conference through the Entrepreneurial Development Cell (EDC) of the institute.

| <b>S.No.</b> | <b>Reg. No.</b> | <b>Name</b>           | <b>COU<br/>RSE</b> | <b>Year</b> | <b>Department</b> |
|--------------|-----------------|-----------------------|--------------------|-------------|-------------------|
| 1.           | 20E122          | HARIHARAN K           | B.E                | III         | EEE               |
| 2.           | 19E015          | BHAVITHRA M           | B.E                | IV          | EEE               |
| 3.           | 20E029          | JAYA<br>DHARSHINI H   | B.E                | III         | EEE               |
| 4.           | 21E093          | SATHYAJITH S          | B.E                | II          | EEE               |
| 5.           | 21E111          | TEJESH KUMAR<br>G N   | B.E                | II          | EEE               |
| 6.           | 20E104          | THIVYA<br>THARSHINI T | B.E                | III         | EEE               |
| 7.           | 19E107          | SUDHA C               | B.E                | IV          | EEE               |
| 8.           | 917721EN015     | SARUBALA              | M.E                | II          | CIVIL             |
| 9.           | 917721EN013     | PAVITHARANI           | M.E                | II          | CIVIL             |
| 10.          | 917721EN007     | BIJINAYA              | M.E                | II          | CIVIL             |

The snapshots of thier presentation and demonstration are given below. The students have received the feedback from the experts and startup CEOs, which would really help them to promote their ideas and products to the next level.

**TOPICS DISCUSSED**

**DAY 1**

1. RENEWABLE ENERGY GENERATION: TECHNO-ECONOMICS
2. ENERGY STORAGE SYSTEMS
3. ENHANCING ENERGY EFFICIENCY

**DAY 2**

4. DECARBONISATION OF CONSTRUCTION, CEMENT AND STEEL
5. WIRELESS POWER TRANSMISSION
6. ELECTRIFICATION OF TRANSPORTATION AND MOBILITY
7. CARBON CAPTURE
8. GREEN HYDROGEN

**DAY 3**

9. OFFSHORE WIND
10. SMALL MODULAR NUCLEAR REACTOR
11. LONG DURATION ENERGY STORAGE



12. CLIMATEFINANCE

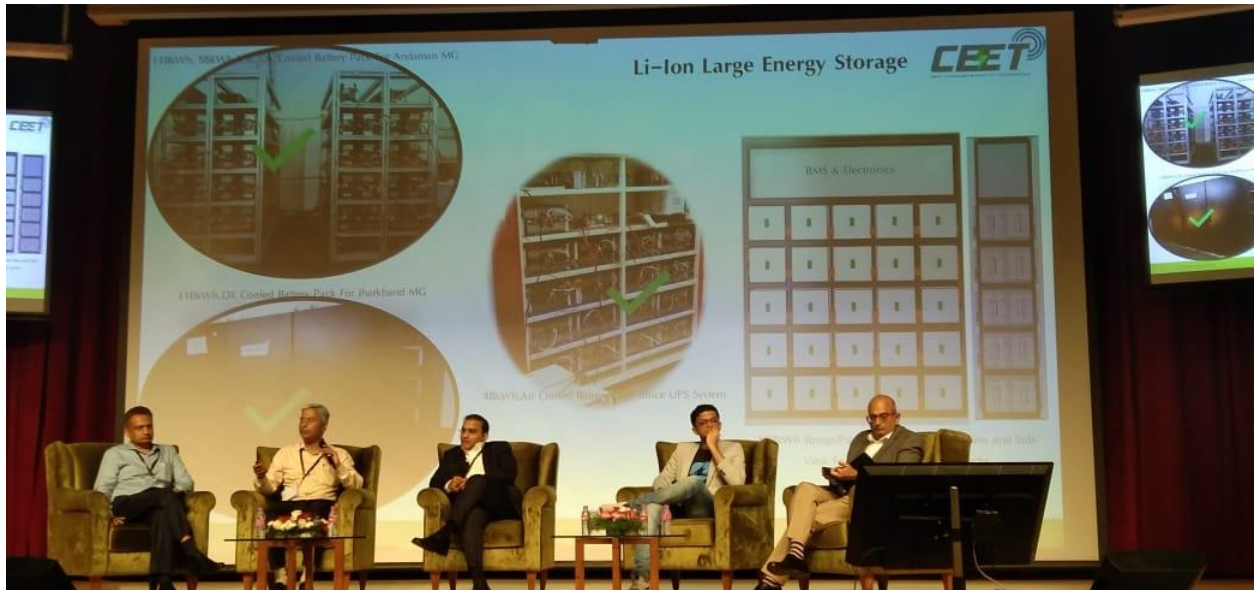
13. CONCLUSION

14. EVPARADE



*Photographs of exhibit and presentation @ Envision 2022, IITMRP, Chennai*

It begins with the end in mind. Focusing on the customer's success drives us to align our capabilities and resources to achieve tangible outcomes. Our partners bring their insights, innovation and delivery capability to deliver great customer outcomes.



*A photoshoot of the members during panel discussion , ENVISION 2022*



*A photoshoot during the Award Ceremony, ENVISION 2022*

“By embedding sustainability by design, organizations can take action now to make and meet their net-zero targets,” said Julie Sweet, chair and CEO of Accenture. “Together with Envision, we can create innovative solutions that help companies across industries move faster toward a sustainable future.”



# **CELEBRATION OF NATIONAL EDUCATION DAY-11/11/2022**

**Date : 16/11/22**

**Time : 2.15 - 4:15 pm**

**Mode of Conduction : Offline**

## **Event Description :**

To commemorate the birth anniversary of Maulana Abul Kalam Azad, who was India's first education minister after independence, a celebration of national education day was conducted.

## **Objective of the Event :**

Various events were organized for students participation. The lists of events organized are Picto-connect, Adzap, Pick your proverb and Debate.

## **Description :**

The speaker 1 of the event was Dr. S.Chandran, Dean-students, Assistant professor of Civil Engineering delivered his guest speech where he spoke about different opportunities available for personal and productive skill development and detailed the importance of education in SDG goals.

The speaker 2 was Dr. K.Hariharan, Assistant professor Department of ECE interacted with the students.

Head of the department, CSBS Dr. Chitra.P also witnessed the non-technical programs.

Followed by the speakers address, the non-technical events commenced,

### **Event 1:**

Picto-Connect: There were 27 teams, with 2-3 members in each team. The participants had to connect the pictures and provide an answer through buzzer.

### **Event 2:**

Adzap: There were 11 teams and 3 members in each team. The participants were provided with a product name and were asked to advertise it to test their marketing skill. The judge for the event was Dr. M. Sarpparaje, Assistant professor, Department of English.

### **Event 3:**

Pick Your Proverb: There were 8 teams with 3 members in each team. The participants were provided with a proverb and were asked to narrate a story. The judge for the event was Ms. R. Subhashni, Assistant Professor, CSBS department.

## Event 4:

Debate:

Topic for the debate: Traditional education vs. modern education

There were 6 participants in favor of the topic and 11 participants against the topic. Best speaker from both the sides were chosen. The judge for the event was Dr. M. Sarpparaje, Assistant professor, Department of English.

## Social Media Links:

**Thiagarajar College of Engineering** 65 YEARS 1957-2022  
*where quality and ethics matter*

**The INNOVATION INSTITUTE**

**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of HRD Initiative)

**E CELL TCE**

**DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS**  
cordially invites you to celebrate,

**NATIONAL EDUCATION DAY**

**16<sup>TH</sup> NOVEMBER, 2022**  
**2:15 PM - 4:15 PM**  
IT SEMINAR HALL

**Maulana Abul Kalam Azad**  
Former Minister of Education of India

**ORGANISED BY**  
Entrepreneurship Development Cell &  
Institution's Innovation Council

|                                                       |                                                 |                                                       |                                                      |                                                |
|-------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|------------------------------------------------|
| <b>CO-ORDINATOR</b><br>Ms. R. Subhashni,<br>AP / CSBS | <b>CONVENER</b><br>Dr. P. Chitra,<br>HoD / CSBS | <b>EDC CO-ORDINATOR</b><br>Ms. S. Karthiga<br>AP / IT | <b>DEAN STUDENTS</b><br>Dr. S.Chandran<br>AP / Civil | <b>PRINCIPAL (I/C)</b><br>Dr.M.Palanimatharaja |
|-------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|------------------------------------------------|

**THIAGARAJAR COLLEGE OF ENGINEERING**  
MADURAI-625 015

**Celebration of National Education Day - 11/11/2022**

**NON TECHNICAL EVENTS**

1. Adzap
2. Debate
3. Picto-Connect
4. Pick your Proverb

**YOUR WAIT WILL BE REWARDED**  
**STAY TUNED !!!**

**REGISTRATION STARTS NOW**

<https://forms.gle/dTd2wSk7zmwzuYAv5>











THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015  
(A Govt. Aided Autonomous Institution Affiliated to Anna University)

Note submitted to the Principal:

18.11.2022

**Sub: Requisition to organize a Demo day for Design Thinking projects in connection to ARIIA-reg.**

In connection with the Demo day activity of ARIIA, we request your approval to organize the event on 24/11/22 for exhibiting the 4 best projects/ideas from the course **18ES390-Design Thinking** in each department. The venue for the event is planned as Open Auditorium and the timing is between **02.15 and 04.40 pm**. The estimated expenditure for the event is given below.

Head of the account: EDC Account

| S.No.        | Item                                                                 | Amount(Rs.)   |
|--------------|----------------------------------------------------------------------|---------------|
| 1.           | Cash Prize (I Prize – 2000/-; II Prize - 1500/-; III Prize – 1000/-) | 4500/-        |
| 2.           | Refreshment (100 x @ 15)                                             | 1500/-        |
| 3.           | *Banner and Flex                                                     | 2000/-        |
| 4.           | Certificate                                                          | 1500/-        |
| <b>TOTAL</b> |                                                                      | <b>9500/-</b> |

**Event co-ordinators:** Dr.B.Ashokumar, AP/EEE

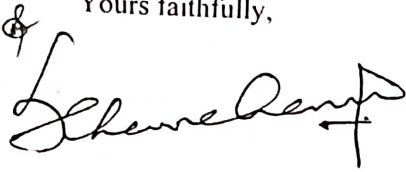
Dr.M.Senthilarasi, AP/ECE

Ms.C.Santhiya, AP/CSE

Permission may kindly be granted to allow the targeted audience as all I year students.

Thanking you.

Yours faithfully,



Justy for ECE Demo Day.

1. Dr. S. Saravana perumal. Mech Dept
2. Dr. K. Hanuman - ECE Dept
3. Dr. R. Leenasri CSE Dept
4. Dr. D. Tamilselvi, IT Dept





23.11.2022

Circular

Entrepreneurship Development Cell is organizing a “Demo Day” on 24.11.2022(Thursday) at open auditorium between 02.15 to 04.40 pm, which is a prime event to showcase the ideas/ projects of 18ES390- Design Thinking Courses. In this event, top 4 teams (II year students) from all departments would be exhibiting their ideas/projects. The event could be an arena to motivate all I year students and inculcate them a thought of being “An Engineer” as “Solution finder”. In this regard, I year students are requested to visit the exhibits as per the given schedule.

| Department   | Schedule          |
|--------------|-------------------|
| Civil        | 02.15 to 03.15 pm |
| Mechanical   |                   |
| EEE          |                   |
| ECE          |                   |
| CSE          |                   |
| IT           | 03.15 to 04.15 pm |
| Mechatronics |                   |
| CSBS         |                   |
|              |                   |

**Event Co-ordinator:**

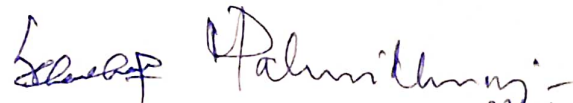
1. Dr.B.Ashokumar, AP/EEE
- 2.Dr.M.Senthilarasi, AP/ECE
- 3.Ms.C.Santhiya, AP/CSE

**EDC Co-ordinator:**

1. Ms.S.Karthiga, AP/IT

  
EVENT CO-ORDINATOR

  
CHIEF TUTOR

  
PRINCIPAL  
(Sivani)  
23/11/22

where Quality and Ethics matter

DEMO DAY(24.11.2022) - PARTICIPANTS LIST

| Sl. No | Department | Reg.No          | Student Name         | Signature              |
|--------|------------|-----------------|----------------------|------------------------|
| 1      | EEE        | 21E 090 (4)     | SANTHOSH N P         | N. Santosh             |
| 2      |            | 21E 092 (4)     | SATHIYAPRIYAN M      | M. Sathiyapriyan       |
| 3      |            | 21E 010 (4)     | ARUNPANDIYAN P       | P. Arunpandiyam        |
| 4      |            | 21E 101 (3)     | SIDDHARTH R          | Siddharth R.           |
| 5      |            | 21E 056 (3)     | LALITH KUMAR U       | Lalith Kumar U.        |
| 6      |            | 21E 041 (3)     | JEYA SURIYA S K      | Jeya Suriya S K.       |
| 7      |            | 21E 064 (5)     | NANDHA G             | N. Nandha G.           |
| 8      |            | 21E 012 (5)     | BALAJI V             | V. Balaji              |
| 9      |            | 21E 061 (5)     | DHARAMARAJ SINGH M   | M. Dharamraj Singh     |
| 10     | ECE        | 21E 003 (18)    | ABIRAMI V            | Abirami V.             |
| 11     |            | 21E 105 (18)    | SRILEKHA R           | S. Rilekha R.          |
| 12     |            | 21E 146 (18)    | YOGESH KANNA         | Yogesh Kanna           |
| 13     |            | 21D114 25       | VARUN. S             | V. Varun S.            |
| 14     |            | 21D031 25       | HEMACHANDRAN. G. M   | Hemachandran G. M.     |
| 15     |            | 21D109 25       | THANUS KARTHIK. G. B | Thanus Karthik G. B.   |
| 16     |            | 21D084 25       | SANJAY. S            | S. Sanjay S.           |
| 17     |            | 21D059 25       | MUKESH. T            | M. Mukesh T.           |
| 18     |            | 21D017 25       | GLADSON. K           | G. Gladson K.          |
| 19     | 65EC008 25 | SABARI. K       | K. Sabari K.         |                        |
| 20     | 21D087 25  | SENTHILRAJAN. S | S. Senthilrajan S.   |                        |
| 21     | ECE        | 21D104 15       | SUVETHA. S           | S. Suveetha S.         |
| 22     |            | 21D095 15       | SRIRAM VIGNESH. V    | V. Sriram Vignesh V.   |
| 23     |            | 21D048 15       | MADHAVAN V           | V. Madhavan V.         |
| 24     |            | 21D085 15       | SANKARANARAYANAN S   | S. Sankaranarayanan S. |
| 25     |            | 21D009 15       | ASHWIN V J           | V. Ashwin V J.         |
| 26     |            | 21D088 15       | SHALINI L K          | L. K. Shalini L K.     |
| 27     |            | 21D016 (16)     | GAYATHRI. B          | B. Gayathri B.         |
| 28     |            | 21D049 (16)     | MADHUMITA. G         | G. Madhumiita G.       |
| 29     |            | 21D105 (16)     | SWATHI. M            | M. Swathi M.           |
| 30     |            | 21D024 (16)     | HARINIA              | A. Harini A.           |
| 31     |            | 21D050 (16)     | MADIHUMITA. S        | S. Madhumiita S.       |
| 32     |            | 21D076 (23)     | RAKESHAN JAGAN M S   | M. S. Rakeshan Jag an  |
| 33     |            | 21D077 (23)     | RAVI PRAKASH M       | M. Ravi Prakash M.     |
| 34     |            | 21D100 (23)     | SURIYA RAMKUMAR S    | S. Suriya Ramkumar S.  |
| 35     |            | 21D116 (23)     | VISHNU MG            | G. Vishnu MG.          |
| 36     |            | 21D034 (23)     | JEYAPRAKSH K         | K. Jeyaprakash K.      |
| 37     |            | 21D125 (23)     | KARTHIK S            | S. Karthik S.          |
| 38     |            | 21D1037 (7)     | HARILARAN VJ         | V. Harilaran V J.      |



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|    |              |                 |                      |                   |                         |                    |
|----|--------------|-----------------|----------------------|-------------------|-------------------------|--------------------|
| 39 | IT           | 21IT035 (7)     | GOWSIGAN M           |                   | M. Gyan                 |                    |
| 40 |              | 21IT077 (7)     | RAGHUL R             |                   | Raghul R                |                    |
| 41 |              | 21IT130 (7)     | SACHIN SOMI          |                   | Sachin Somi             |                    |
| 42 |              | 21IT015 (13)    | ARUN KAMARAJ S       |                   | Arun Kumar S            |                    |
| 43 |              | 21IT034 (13)    | GAUTHAM M            |                   | Gautham M               |                    |
| 44 |              | 21IT051 (13)    | KARTHIKEYAN S        |                   | S. Karthikeyan          |                    |
| 45 |              | 21IT036 (8)     | K S GURUCHARAN       |                   | K.S. Gurucharan         |                    |
| 46 |              | 21IT052 (8)     | A R KAUSHIK          |                   | A.R. Kaushik            |                    |
| 47 |              | 21IT081 (8)     | A RAYHON SAMO        |                   | A. Rayhon Samo          |                    |
| 48 |              | 21IT019 (28)    | BARATHAN S           |                   | S. Barathan             |                    |
| 49 |              | 21IT087 (28)    | SANTHOSH PRABHU V    |                   | V. Santhosh Prabhu      |                    |
| 50 | 21IT117 (28) | VIDHYADHARAN SS |                      | V. Vidhyadharan   |                         |                    |
| 51 | CSE          | 21C054          | V. MOHANDOSS         | (2)               | V. Mohandoss            |                    |
| 52 |              | 21C115          | M. VIGNESH           | (2)               | M. Vignesh              |                    |
| 53 |              | 21C140          | G J SREENIWASAN      | (2)               | G.J. Sreenivasan        |                    |
| 54 |              | 21C130          | MANIKANDAN           | (2)               | Manikandan              |                    |
| 55 |              | 21C001 (4)      | S. AAGASH            |                   | S. Aagash               |                    |
| 56 |              | 21C044 (1)      | KALAIYARASAN         |                   | Kalaiyaran              |                    |
| 57 |              | 21C074 (1)      | S. RAGUL             |                   | S. Ragul                |                    |
| 58 |              | 21C082 (1)      | K. SANJAY            |                   | K. Sanjay               |                    |
| 59 |              | 21C038 (1)      | N. JAFFAR NISHA      | (11)              | N. Jaffar Nisha         |                    |
| 60 |              | 21C037 (1)      | S. ISHVARYA          | (11)              | S. Ishvarya             |                    |
| 61 |              | 21C116 (1)      | VINEESHA V           | (11)              | Vineesha V              |                    |
| 62 |              | 21C102 (1)      | S. SUBA HARINI       | (11)              | S. Suba Harini          |                    |
| 63 |              | 21C137 (1)      | B. SARAVANA KUMAR    | (11)              | B. Saravana Kumar       |                    |
| 64 |              | 21C006          | H. AISWARYA SHREE    | (19)              | H. Aiswarya Shree       |                    |
| 65 |              | 21C013          | K. ANUVIDHYA         | (19)              | K. Anuvidhya            |                    |
| 66 |              | 21C141          | B. SRI SIVANESAN     | (19)              | B. Sri Sivanesan        |                    |
| 67 |              | 21C145          | YOGA BHARANIDHARAN   | (19)              | Y. Bharanidharan        |                    |
| 68 |              | Civil           | 21B035               | HARI KRISHNAN M.K | 14                      | H. Krishnan M.K    |
| 69 |              |                 | 21B073               | PRIYADHARSHINI G  | 14                      | P. Priyadharsini G |
| 70 | 21B070       |                 | PRATHIKSHA T S       | 14                | P. Prathiksha T S       |                    |
| 71 | 21B048       |                 | KAMALESH C           | 14                | C. Kamalesh             |                    |
| 72 | 21B108       |                 | THIRUVENDANATHAN R   | 14                | R. Thiruvendanathan     |                    |
| 73 | 21B009       |                 | ALAN J               | 17                | Alan J                  |                    |
| 74 | 21B062       |                 | NAVEEN MUTHUSELVAM W | 17                | N. Naveen Muthuselvam W |                    |
| 75 | 21B115       |                 | VISHNU PRABHA K J    | 17                | K.J. Vishnu Prabha      |                    |
| 76 | 21B005       |                 | AISWARYA L           | 17                | L. Aiswarya             |                    |
| 77 | 21B057       |                 | MURUGESWARI K        | 17                | K. Murugeswari          |                    |
| 78 | 21B028 20    |                 | ELLAVARASAN S        |                   | S. Ellavarasan          |                    |
| 79 | 21B011       |                 | ANBUSELVAM S         |                   | S. Anbuselvam           |                    |
| 80 | 21B086 20    |                 | SAMI NARAYANAN R     |                   | R. Sami Narayanan       |                    |
| 81 | 21B018 20    |                 | BHARATHIRAJA P       |                   | P. Bharathiraja         |                    |

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|     |              |        |    |                          |                             |
|-----|--------------|--------|----|--------------------------|-----------------------------|
| 82  |              | 21B055 | 26 | MOHAMED SIKKANDAR R      |                             |
| 83  |              | 21B125 | 26 | JANARTIHANAN J           | J. Janarthanan              |
| 84  | Mechanical   | 21G102 | 9  | SURYA PRAKASH P          | P. Surya Prakash            |
| 85  |              | 21G079 | 9  | RISHITH GNANASEKAR       | R. Rishith                  |
| 86  |              | 21G095 | 9  | SOLAIAPPAN VR PR         | M. R. Solaiappan            |
| 87  |              | 21G076 | 9  | PRAVEEN KUMAR S          | S. Praveen Kumar            |
| 88  |              | 21G125 | 9  | GIRI RAJ A               | G. Giriraj                  |
| 89  |              | 20G003 | 9  | ADHITYA B                |                             |
| 90  |              | 21G100 | 22 | SUDHAN KUMAR J           | S. Sudhan                   |
| 91  |              | 21G104 | 22 | THANVEER AHAMED S        | S. Thanveer Ahamed          |
| 92  |              | 21G041 | 22 | JISHNU PRAJIT V R        | J. Jishnu Prajit            |
| 93  |              | 21G111 | 22 | VIGNESH P V              | P. V. V. Vignesh            |
| 94  |              | 21G015 | 22 | DEEPAK R                 | R. Deepak                   |
| 95  |              | 21G122 | 22 | ASWIN KISHORE K          | K. Ashwin                   |
| 96  |              | 21G034 | 24 | JAGADEESH T              | T. Jagadeesh                |
| 97  |              | 21G049 | 24 | LOGESH KUMARAN T         | T. Logesh                   |
| 98  |              | 21G056 | 24 | MILAN JOSE V             | V. Milan Jose               |
| 99  |              | 21G084 | 24 | SAKTHI MAHENDRAN L       | L. Sakthi Mahendran         |
| 100 |              | 21G119 | 24 | ARSHAD SHEIK K           | K. Arshad Sheik             |
| 101 |              | 21G032 | 27 | HARSHA R                 | R. Harsha                   |
| 102 |              | 21G083 | 27 | SAI SIDDHARTH S          | S. Sai Siddharth            |
| 103 |              | 21G090 | 27 | SAKTHI PA                | P. Sakthi                   |
| 104 |              | 21G096 | 27 | SRETHAN V P              | P. Srethan                  |
| 105 |              | 21G097 | 27 | SRI MAREESWARAN J        | J. Sri Mareeswaran          |
| 106 | Mechatronics | 21F024 | 12 | JESHURAN CORNELIUS K S R | R. S. K. Jeshuran Cornelius |
| 107 |              | 21F008 | 12 | BOOBALAN KARTHICK A      | A. Boobalan Karthick        |
| 108 |              | 21F029 | 12 | MOHAMED ASHWAQUE         | M. Ashwaque                 |
| 109 |              | 21F059 | 6  | VETRIVINAYAGAN S         | S. Vetrivinayagan           |
| 110 |              | 21F004 | 6  | ALAGUPARIKSIT A          | A. Alaguparikshit           |
| 111 |              | 21F011 | 6  | DHANUSH KUMAR S          | S. Dhannush Kumar           |
| 112 |              | 21F005 | 10 | ANGURAJ S                | S. Anguraj                  |
| 113 |              | 21F042 | 10 | SANJAI MAHESWAR M        | M. Sanjai Maheswar          |
| 114 |              | 21F058 | 10 | VETRISSELVAN             | V. Vetriselvan              |
| 115 |              | 21F035 | 21 | RAJESHWARI M R           | R. Rajeshwari               |
| 116 |              | 21F014 | 21 | GAYATHRI SRINIDHI K      | K. Gayathri Srinidhi        |
| 117 |              | 21F060 | 21 | VISHWA M                 | M. Vishwa                   |

Name Corrections

21F004 - 6 - ALAGU PARIKSIT A

21G090 - 27 - PA SHAKTHI .

21G084/-24/- SAKTHI MAH

21D076 - 23 - RAKSHAN JAGAN MS

21D034 - 23 - JEYAPRAKASH K





THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15  
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Note submitted to the Principal:

23-Nov-2022

Subject: Requisition to approve On-Duty Permission for the participants of Demo Day on 24.11.2022 -reg.

Entrepreneurial Development Cell has taken an initiative to organize a Demo Day activity in connection with ARIIA, for exhibiting the 4 best projects/ideas per department from the course 18ES390-Design Thinking of the academic year 22-23. The demo day is scheduled on 24.11.2022(Thursday) between 02.15 and 04.40 pm at Open Auditorium. On-duty permission may kindly be granted for the following students from various departments to participate in the event.

| Sl. No | Department | Reg.No  | Student Name          |
|--------|------------|---------|-----------------------|
| 1      | EEE        | 21E 090 | SANTHOSH N P          |
| 2      |            | 21E 092 | SATHIYAPRIYAN M       |
| 3      |            | 21E 010 | ARUNPANDIYAN P        |
| 4      |            | 21E 101 | SIDDHARTH R           |
| 5      |            | 21E 056 | LALITH KUMAR U        |
| 6      |            | 21E 041 | JEYA SURIYA S K       |
| 7      |            | 21E 064 | NANDHA G              |
| 8      |            | 21E 012 | BALAJI V              |
| 9      |            | 21E 061 | DHARAMARAJ<br>SINGH M |
| 10     |            | 21E 003 | ABIRAM V              |
| 11     |            | 21E 105 | SRILEKHA R            |
| 12     |            | 21E 146 | YOGESH KANNA          |
| 13     | ECE        | 21D114  | VARUN. S              |
| 14     |            | 21D031  | HEMACHANDRAN, G. M    |
| 15     |            | 21D109  | THANUS KARTHIK, G. B  |
| 16     |            | 21D084  | SANJAY, S             |
| 17     |            | 21D059  | MUKESH, T             |
| 18     |            | 21D017  | GLADSON, K            |
| 19     |            | 65EC008 | SABARI, K             |
| 20     |            | 21D087  | SENTHILRAJAN, S       |
| 21     |            | 21D104  | SUVETHA, S            |
| 22     |            | 21D095  | SRIRAM VIGNESH        |

*cx*

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|    |     |         |                    |
|----|-----|---------|--------------------|
| 23 |     | 21D048  | MADHAVAN V         |
| 24 |     | 21D085  | SANKARANARAYANAN S |
| 25 |     | 21D009  | ASHWIN V J         |
| 26 |     | 21D088  | SHALINI L K        |
| 27 |     | 21D016  | GAYATHRI B         |
| 28 |     | 21D049  | MADHUMITA G        |
| 29 |     | 21D105  | SWATHIM            |
| 30 |     | 21D024  | HARINI A           |
| 31 |     | 21D050  | MADHUMITA S        |
| 32 |     | 21D076  | RAKASHAN JAGAN M S |
| 33 |     | 21D077  | RAVI PRAKASH M     |
| 34 |     | 21D100  | SURIYA RAMKUMAR S  |
| 35 |     | 21D116  | VISHNU MG          |
| 36 |     | 21D034  | JEYAPRAKSH K       |
| 37 |     | 21D125  | KARTHIK S          |
| 38 | IT  | 21IT037 | HARILARAN V J      |
| 39 |     | 21IT035 | GOWSIGAN M         |
| 40 |     | 21IT077 | RAGHUL R           |
| 41 |     | 21IT130 | SACHIN SOMI        |
| 42 |     | 21IT015 | ARUN KAMARAJ S     |
| 43 |     | 21IT034 | GAUTHAM M          |
| 44 |     | 21IT051 | KARTHIKEYAN S      |
| 45 |     | 21IT036 | K S GURUCHARAN     |
| 46 |     | 21IT052 | A R KAUSHIK        |
| 47 |     | 21IT081 | A RAYHON SAMO      |
| 48 |     | 21IT019 | BARATHAN S         |
| 49 |     | 21IT087 | SANTHOSH PRABHU V  |
| 50 |     | 21IT117 | VIDHYADHARAN SS    |
| 51 | CSE | 21C054  | V MOHANDOSS        |
| 52 |     | 21C115  | M VIGNESH          |
| 53 |     | 21C140  | G J SREENIWASAN    |
| 54 |     | 21C130  | MANIKANDAN         |
| 55 |     | 21C001  | S.AAGASHI          |
| 56 |     | 21C044  | KALAIYARASAN       |
| 57 |     | 21C074  | S RAGUL            |
| 58 |     | 21C082  | K SANJAY           |
| 59 |     | 21C038  | N JAFFAR NISHA     |
| 60 |     | 21C037  | S. ISHVARYA        |
| 61 |     | 21C116  | VINEESHA V         |
| 62 |     | 21C102  | S. SUBA HARINI     |
| 63 |     | 21C137  | B. SARAVANA KUMAR  |
| 64 |     | 21C006  | H. AISWARYA SHREE  |
| 65 |     | 21C013  | K. ANUVIDHYA       |

5



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15**  
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|     |              |            |                      |                          |
|-----|--------------|------------|----------------------|--------------------------|
| 66  | Civil        | 21C141     | B.SRI SIVANESAN      |                          |
| 67  |              | 21C145     | YOGA BHARANIDHARAN   |                          |
| 68  |              | 21B035     | HARI KRISHNAN M.K    |                          |
| 69  |              | 21B073     | PRIYADHARSHINI G     |                          |
| 70  |              | 21B070     | PRATHIKSHA T S       |                          |
| 71  |              | 21B048     | KAMALESH C           |                          |
| 72  |              | 21B108     | THIRUVENDANATHAN R   |                          |
| 73  |              | 21B009     | ALAN J               |                          |
| 74  |              | 21B062     | NAVEEN MUTHUSELVAM W |                          |
| 75  |              | 21B115     | VISHNU PRABHA K J    |                          |
| 76  |              | 21B005     | AISWARYA L           |                          |
| 77  |              | 21B057     | MURUGESWARI K        |                          |
| 78  |              | 21B028     | ELLAVARASAN S        |                          |
| 79  |              | 21B011     | ANBUSELVAM S         |                          |
| 80  |              | 21B086     | SAMI NARAYANAN R     |                          |
| 81  |              | 21B018     | BHARATHIRAJA P       |                          |
| 82  |              | 21B055     | MOHAMMED SIKKANDAR R |                          |
| 83  |              | 21B125     | JANARTHANAN J        |                          |
| 84  |              | Mechanical | 21G102               | SURYA PRAKASH P          |
| 85  |              |            | 21G079               | RISHITH GNANASEKAR       |
| 86  |              |            | 21G095               | SOLAIAPPAN VR PR         |
| 87  |              |            | 21G076               | PRAVEEN KUMAR S          |
| 88  |              |            | 21G125               | GIRI RAJ A               |
| 89  |              |            | 20G003               | ADHITYA B                |
| 90  |              |            | 21G100               | SUDHAN KUMAR J           |
| 91  |              |            | 21G104               | THANVEER AHAMED S        |
| 92  |              |            | 21G041               | JISHNU PRAJIT V R        |
| 93  | 21G111       |            | VIGNESH P V          |                          |
| 94  | 21G015       |            | DEEPAK R             |                          |
| 95  | 21G122       |            | ASWIN KISHORE K      |                          |
| 96  | 21G034       |            | JAGADEESH T          |                          |
| 97  | 21G049       |            | LOGESH KUMARAN T     |                          |
| 98  | 21G056       |            | MILAN JOSE V         |                          |
| 99  | 21G084       |            | SAKTHI MAHENDRAN L   |                          |
| 100 | 21G119       |            | ARSHAD SHEIK K       |                          |
| 101 | 21G032       |            | HARSHA R             |                          |
| 102 | 21G083       |            | SAI SIDDHARTH S      |                          |
| 103 | 21G090       |            | SAKTHI PA            |                          |
| 104 | 21G096       |            | SRETHAN V P          |                          |
| 105 | 21G097       |            | SRI MAREESWARAN J    |                          |
| 106 | Mechatronics |            | 21F024               | JESHURAN CORNELIUS K S R |

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|     |              |            |                          |                    |
|-----|--------------|------------|--------------------------|--------------------|
| 65  |              | 21C013     | K. ANUVIDHIYA            |                    |
| 66  |              | 21C141     | B.SRI SIVANESAN          |                    |
| 67  |              | 21C145     | YOGA BHARANIDHARAN       |                    |
| 68  | Civil        | 21B063     | M.NITHARSHAN             |                    |
| 69  |              | 21B074     | S.PUSHPA RAGAVI          |                    |
| 70  |              | 21B109     | R.B.VAISINAVI            |                    |
| 71  |              | 21B095     | P.SRIHARI                |                    |
| 72  |              | 21B058     | D.MUTHU VIGNESH          |                    |
| 73  |              | 21B016     | AVINASH.K.R.J            |                    |
| 74  |              | 21B072     | PRIYA NAVOTHITHA.N       |                    |
| 75  |              | 21B084     | ROHITH.M                 |                    |
| 76  |              | 21B088     | SATHEESHBABU.M           |                    |
| 77  |              | 21B090     | SHALINI.G                |                    |
| 78  |              | 21B116     | YAZHINI.PS               |                    |
| 79  |              | 21B018     | BHARATHIRAJA P           |                    |
| 80  |              | 21B055     | MOHAMED SIKKANDAR R      |                    |
| 81  |              | 65CE009    | JANARTHANAN J            |                    |
| 82  |              | 21B028     | ELLAVARASAN S            |                    |
| 83  |              | 21B011     | ANBUSELVAM S             |                    |
| 84  |              | 21B086     | SAMI NARAYANAN R         |                    |
| 85  |              | Mechanical | 21G102                   | SURYA PRAKASH P    |
| 86  |              |            | 21G079                   | RISHITH GNANASEKAR |
| 87  |              |            | 21G095                   | SOLAIAPPAN VR PR   |
| 88  |              |            | 21G076                   | PRAVEEN KUMAR S    |
| 89  |              |            | 21G125                   | GIRI RAJ A         |
| 90  |              |            | 20G003                   | ADHITYA B          |
| 91  |              |            | 21G100                   | SUDHAN KUMAR J     |
| 92  |              |            | 21G104                   | THANVEER AHAMED S  |
| 93  |              |            | 21G041                   | JISHNU PRAJIT V R  |
| 94  |              |            | 21G111                   | VIGNESH P V        |
| 95  |              |            | 21G015                   | DEEPAK R           |
| 96  | 21G122       |            | ASWIN KISHORE K          |                    |
| 97  | 21G034       |            | JAGADEESH T              |                    |
| 98  | 21G049       |            | LOGESH KUMARAN T         |                    |
| 99  | 21G056       |            | MILAN JOSE V             |                    |
| 100 | 21G084       |            | SAKTHI MAHENDRAN L       |                    |
| 101 | 21G119       |            | ARSHAD SHEIK K           |                    |
| 102 | 21G032       |            | HARSHA R                 |                    |
| 103 | 21G083       |            | SAI SIDDHARTH S          |                    |
| 104 | 21G090       |            | SAKTHI PA                |                    |
| 105 | 21G096       |            | SRETHAN V P              |                    |
| 106 | 21G097       |            | SRI MAREESWARAN J        |                    |
| 107 | Mechatronics | 21F024     | JESHURAN CORNELIUS K S R |                    |





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|                 |        |                     |
|-----------------|--------|---------------------|
| 10 <sub>1</sub> | 21F008 | BOOBALAN KARTHICK A |
| 10 <sub>2</sub> | 21F029 | MOHAMED ASHWAQUE    |
| 10 <sub>3</sub> | 21F059 | VETRIVINAYAGAN S    |
| 11 <sub>1</sub> | 21F004 | ALAGUPARIKSIT A     |
| 11 <sub>2</sub> | 21F011 | DHANUSH KUMAR S     |
| 11 <sub>3</sub> | 21F005 | ANGURAJ S           |
| 11 <sub>4</sub> | 21F042 | SANJAI MAHESWAR M   |
| 11 <sub>5</sub> | 21F058 | VETRISELVAN         |
| 11 <sub>6</sub> | 21F035 | RAJESHWARI M R      |
| 11 <sub>7</sub> | 21F014 | GAYATHRI SRINIDHI K |
| 11 <sub>8</sub> | 21F060 | VISHWA M            |


**Event Co-ordinator:**

- 1 Dr B Ashokumar, AP/EEE
- 2 Dr.M.Senthilarasi, AP/ECE
- 3 Ms C Santhiya, AP/CSE

**EDC Co-ordinator:**

- 1 Ms S Karthiga, AP/IT

  
DEAN(STUDENTS) 28/11/22

  
PRINCIPAL 24/11/22

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI – 625 015  
(A Govt. Aided Autonomous Institution Affiliated to Anna University)

Note submitted to the Principal:

10.01.2023

**Sub: Requisition to approve the declaration of results of Demo day event held on 24.11.2022–reg.**

Demo day event was organized on 24.11.2022(Thursday) between 02.15 and 04.40 pm for exhibiting the 4 best projects/ideas from the course 18ES390-Design thinking in each department. Totally 117 participants, constituting 28 teams have presented their ideas/projects in this event. Based on the evaluation by the team of evaluators and audience voting, the winners of the event are selected as given below.

**1<sup>st</sup> Prize : Cash Award (Rs.2000/-)**

Team No.: 27

Department : Mechanical

Project title: Enhanced Projection Screen with writing and mobility features

Team Name: Erudites

Team Members: Harsha.R, Sai Siddharth.S, Sakthi.PA, Srethan.V.P., Sri Mareewaran.J

**2<sup>nd</sup> Prize : Cash Award (Rs.1500/-)**

Team No.: 22

Department : Mechanical

Project title: Design and development of customized modular outlets

Team Name: Sinister 6

Team Members: Sudhan Kumar J, Thanveer Ahamed S, Jishnu Prajit V R, Vignesh P V, Deepak R, Aswin Kishore K

**3<sup>rd</sup> Prize : Cash Award (Rs.1000/-)**

Team No.: 15

Department : ECE

Project title: Automated Electronic Pill Dispenser

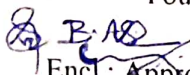
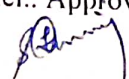
Team Name: Tacteciains

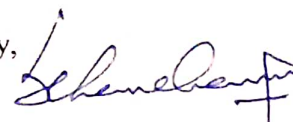
Team Members: Suvetha.S, Sriram Vignesh.V, Madhavan.V, Sankaranarayanan.S, Ashwin.V.J, Shalini.L.K

Permission may kindly be granted to declare the results of the event and to reward the cash prizes from EDC account.


Thanking you,

Yours faithfully,

  
Encl.: Approval Copy  


  
(S. CHANDRASEKAR  
Dean (Students))

Total : Rs 4500/-

Yes  
  
11/1/23





### AUTOMATIC CHILI PECKING MACHINE TEAM : CREEDORIANS

**NEED ANALYSIS**

- Identifying the problem of chili pecking in the field for small farmers.
- Designing an automatic chili pecking machine, which is easy to use and maintain.
- Reducing the labor cost and increasing the efficiency of chili pecking.

**PUBLIC OPINION SURVEY/QUESTIONNAIRE**

The machine is designed to be used in the field for chili pecking. It is a simple and easy-to-use machine. It is designed to be used in the field for chili pecking. It is a simple and easy-to-use machine.

**CUSTOMER REQUIREMENTS**

- Automatically pecked chili and other fruits in the field.
- The machine should be easy to use and maintain.
- The machine should be able to handle different sizes of chili.
- The machine should be able to handle different types of chili.
- The machine should be able to handle different types of chili.

**EXISTING MARKET PRODUCTS**

Handmade chili pecking machine.

- Costly.
- Time-consuming.
- Not suitable for large scale.

**SPECIFICATION DEVELOPMENT**

- Capacity: 1000 chili per hour.
- Power: 100W.
- Material: Mild steel.
- Dimensions: 1000mm x 500mm x 1000mm.
- Weight: 10kg.

**CUSTOMER FEEDBACK**

The machine is designed to be used in the field for chili pecking. It is a simple and easy-to-use machine. It is designed to be used in the field for chili pecking. It is a simple and easy-to-use machine.

**PROTOTYPE DEVELOPMENT**

The machine is designed to be used in the field for chili pecking. It is a simple and easy-to-use machine. It is designed to be used in the field for chili pecking. It is a simple and easy-to-use machine.

**ACCESSORIES/PROTOTYPES**

The machine is designed to be used in the field for chili pecking. It is a simple and easy-to-use machine. It is designed to be used in the field for chili pecking. It is a simple and easy-to-use machine.









# Thiagarajar College of Engineering

(A Govt. Aided Autonomous Institution Affiliated to Anna University)  
Madurai-625015.



IIC, TCE TBI and E-Cell  
organizes

## "DEMO DAY"

A prime event to pitch the Design Thinking Ideas/projects  
of Top 4 TEAMS from all departments

Date : 24.11.2022

Time : 02.15 pm to 4.40 pm

Venue : Open Auditorium

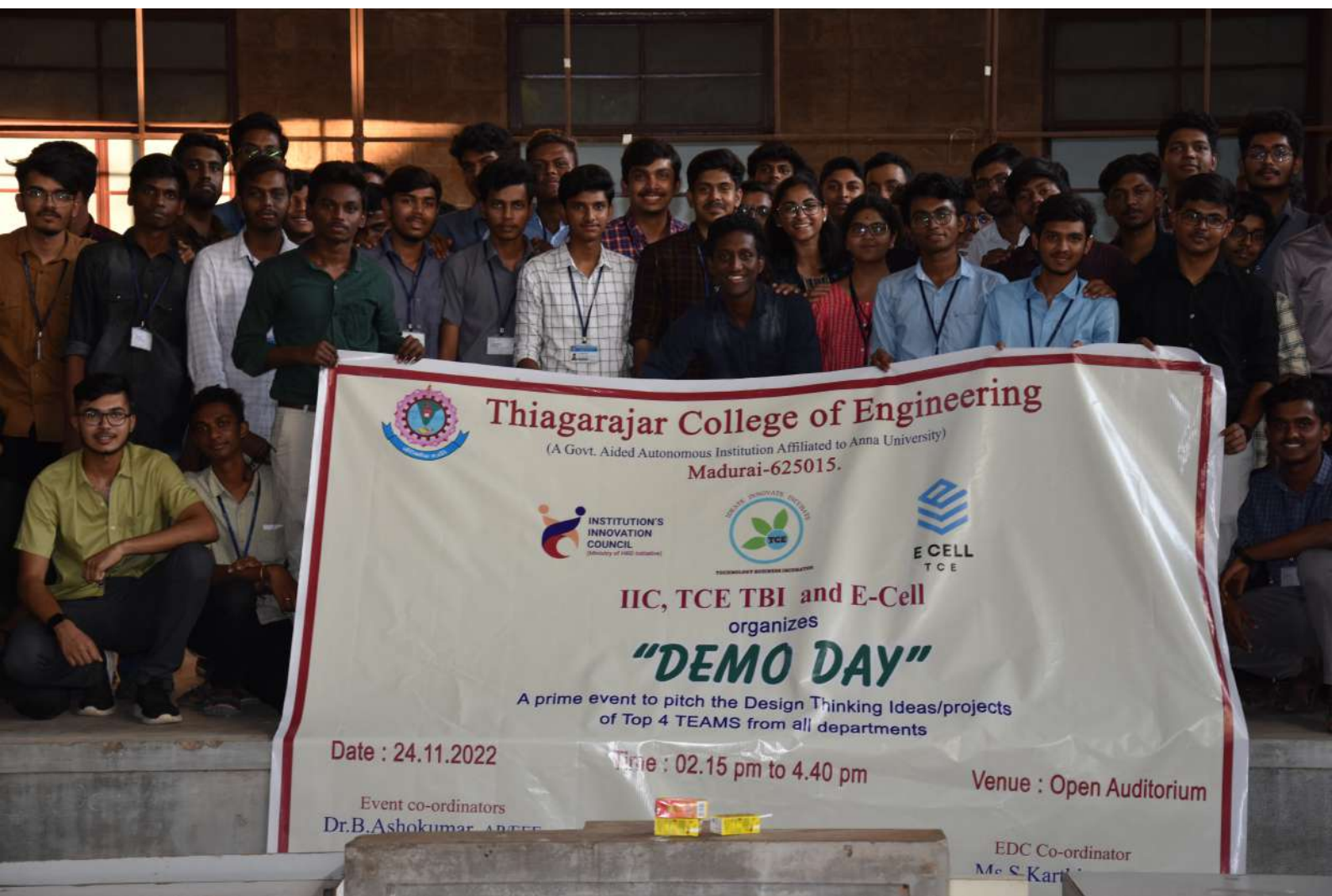
Event co-ordinators

EDC Co-ordinator

S.K.

THIAGARAJAR COLLEGE OF ENGINEERING  
MADURAI - 625 015  
GOLDEN JUBILEE CELEBRATIONS





# Thiagarajar College of Engineering

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Madurai-625015.



IIC, TCE TBI and E-Cell  
organizes  
**"DEMO DAY"**

A prime event to pitch the Design Thinking Ideas/projects  
of Top 4 TEAMS from all departments

Date : 24.11.2022

Time : 02.15 pm to 4.40 pm

Venue : Open Auditorium

Event co-ordinators  
Dr.B.Ashokumar, ARJEE

EDC Co-ordinator  
Me S.Karti



Questions Responses 159 Settings

159 responses

[View in Sheets](#)



Not accepting responses

Message for respondents

This form is no longer accepting responses

Summary

Question

Individual

Who has responded?

Email

athijathin4@gmail.com

ramyakanakaraj19@gmail.com

aarthiajayvino@gmail.com

58.manvi@gmail.com

deepikamuralidharan25@gmail.com

kafrinbegum@gmail.com

manusridhanus04@gmail.com

sathyanarayanan5540@gmail.com

lewinrohitb2004@gmail.com

Reg. No./Roll No.

159 responses



**THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI -15**  
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**REPORT ON DEMO DAY 2022**  
**On 24.11.2022**

**DEMO DAY** is a pitching event organized by the Entrepreneurial Development cell, IIC and TCE-TBI of our institution to showcase the ideas and projects of 18ES390-Design Thinking Course. It is a prime event to pitch the ideas/projects of top 4 teams (II year students) from all department of TCE. The participants have exhibited their ideas/prototypes at the open auditorium on 24.11.2022 between 02.15 pm and 04.40 pm. First year students have visited the demonstration. This event has highly motivated the first year students to inculcate them a thought of being “An engineer” as “Solution Finder”. This exhibition has provided the opportunities for discussions with faculty evaluators, and also seeds the ideas for further refinement.

**Thiagarajar College of Engineering** 65 YEARS 1957-2022  
where quality and ethics matter Celebrating Academic Excellence

**INSTITUTION'S INNOVATION COUNCIL** (Ministry of Education Initiative)  
**TCE** INNOVATE ACCELERATE TECHNOLOGY BUSINESS INCUBATOR  
**E CELL** TCE

**IIC, TCE-TBI and E-cell organizes**

**"DEMO DAY"**

"A prime event to pitch the Design Thinking Ideas/Projects of Top 4 teams from all departments"

on 24.11.2022 between 02.15 and 04.40 pm  
Venue: Open Auditorium

*Event co-ordinators:*  
**Dr. B. Ashokumar**, Assistant Professor, EEE  
**Dr. M. Senthilarasi**, Assistant Professor, ECE  
**Ms. C. Santhiya**, Assistant Professor, CSE

*EDC Co-ordinator:*  
**Ms. S. Karthiga**, Assistant Professor, IT

**Cash Awards for Winners**

[www.tce.edu](http://www.tce.edu) [f TheOfficialTCEPage](#) [@ tce\\_madurai](#) [in tcemadurai](#) [tceofficial](#)

Poster of the event- "Demo day" on 24.11.2022



**Banner of the event- "Demo day" on 24.11.2022**

The co-ordinators of the event are Dr.B.Ashok kumar (AP/EEE), Dr.M.Senthilarasi (AP/ECE) and Mrs.C.Santhiya (AP/CSE). The number of participants for the event is 117 across seven departments namely EEE, ECE, Civil, Mechanical, Mechatronics, IT and CSE. The total number of teams participated in the event is 28. Their details are as follows

| SI. NO | DEPARTMENT | REG. NO. | STUDENT NAME       | PROJECT TITLE                                                 |
|--------|------------|----------|--------------------|---------------------------------------------------------------|
| 1      | EEE        | 21E 090  | SANTHOSH N P       | BREAKING SYSTEM (AUTOMOBILE)                                  |
| 2      |            | 21E 092  | SATHIYAPRIYAN M    |                                                               |
| 3      |            | 21E 010  | ARUNPANDIYAN P     |                                                               |
| 4      |            | 21E 101  | SIDDHAARTH R       | TACHOMETER                                                    |
| 5      |            | 21E 056  | LALITH KUMAR U     |                                                               |
| 6      |            | 21E 041  | JEYA SURIYA S K    |                                                               |
| 7      |            | 21E 064  | NANDHA G           |                                                               |
| 8      |            | 21E 012  | BALAJI V           | CONTINUITY TESTER AND WORKING VOLTMETER OF ELECTRONIC DEVICES |
| 9      |            | 21E 061  | DHARAMARAJ SINGH M |                                                               |
| 10     |            | 21E 003  | ABIRAMI V          |                                                               |
| 11     |            | 21E 105  | SRILEKHA R         | LAPTOP ADAPTER                                                |
| 12     |            | 21E 146  | YOGESH KANNA       |                                                               |
| 13     |            | 21D114   | VARUN. S           | AUTOMATED                                                     |



|    |         |         |                      |                                                                     |                                                                        |
|----|---------|---------|----------------------|---------------------------------------------------------------------|------------------------------------------------------------------------|
| 14 | ECE     | 21D031  | HEMACHANDRAN. G. M   | IRRIGATION USING SOIL MOISTURE SENSOR AND WEATHER MONITORING SYSTEM |                                                                        |
| 15 |         | 21D109  | THANUS KARTHIK. G. B |                                                                     |                                                                        |
| 16 |         | 21D084  | SANJAY. S            |                                                                     |                                                                        |
| 17 |         | 21D059  | MUKESH. T            |                                                                     |                                                                        |
| 18 |         | 21D017  | GLADSON. K           |                                                                     |                                                                        |
| 19 |         | 65EC008 | SABARI. K            |                                                                     |                                                                        |
| 20 |         |         | SENTHILRAJAN. S      |                                                                     |                                                                        |
| 21 |         | 21D087  |                      |                                                                     |                                                                        |
| 22 |         | 21D104  | SUVETHA. S           | AUTOMATED ELECTRONIC PILL DISPENSER                                 |                                                                        |
| 23 |         | 21D095  | SRIRAM VIGNESH.V     |                                                                     |                                                                        |
| 24 |         | 21D048  | MADHAVAN V           |                                                                     |                                                                        |
| 25 |         | 21D085  | SANKARANARAYANAN S   |                                                                     |                                                                        |
| 26 |         | 21D009  | ASHWIN V J           |                                                                     |                                                                        |
| 27 |         | 21D088  | SHALINI L.K          |                                                                     |                                                                        |
| 28 |         | 21D016  | GAYATHRI.B           |                                                                     | AUTOMATIC CHILLI PLUCKING MACHINE                                      |
| 29 |         | 21D049  | MADHUMITA.G          |                                                                     |                                                                        |
| 30 |         | 21D105  | SWATHI.M             |                                                                     |                                                                        |
| 31 |         | 21D024  | HARINI.A             |                                                                     |                                                                        |
| 32 |         | 21D050  | MADHUMITA.S          |                                                                     |                                                                        |
| 33 |         | 21D076  | RAKSHAN JAGAN M S    | AUTOMATIC CLOTH RETRIEVER                                           |                                                                        |
| 34 |         | 21D077  | RAVI PRAKASH M       |                                                                     |                                                                        |
| 35 |         | 21D100  | SURIYA RAMKUMAR S    |                                                                     |                                                                        |
| 36 |         | 21D116  | VISHNU MG            |                                                                     |                                                                        |
| 37 |         | 21D034  | JEYAPRAKASH K        |                                                                     |                                                                        |
| 38 |         | IT      | 21D125               | KARTHIK S                                                           |                                                                        |
| 39 |         |         | 21IT037              | HARIHARAN VJ                                                        | DECENTRALIZED ONLINE RIDE HAILING APPLICATION                          |
| 40 |         |         | 21IT035              | GOWSIGAN M                                                          |                                                                        |
| 41 |         |         | 21IT077              | RAGHUL R                                                            |                                                                        |
| 42 |         |         | 21IT130              | SACHIN SOMI                                                         | ENHANCING SPEECH RECOGNITION AND SPEECH TRANSLATION USING GOOGLE TRANS |
| 43 |         |         | 21IT015              | ARUN KAMARAJ S                                                      |                                                                        |
| 44 |         |         | 21IT034              | GAUTHAM M                                                           |                                                                        |
| 45 |         |         | 21IT051              | KARTHIKEYAN S                                                       |                                                                        |
| 46 |         |         | 21IT036              | K S GURUCHARAN                                                      | ENERGY DISAGGREGATION AND FORECASTING                                  |
| 47 |         |         | 21IT052              | A R KAUSHIK                                                         |                                                                        |
| 48 |         |         | 21IT081              | A RAYHON SAMO                                                       |                                                                        |
| 49 |         |         | 21IT019              | BARATHAN S                                                          | LANDSLIDE SUSEPTIBILITY ASSESSMENT AND PREDICTION FOR                  |
| 50 |         |         | 21IT087              | SANTHOSH PRABHU V                                                   |                                                                        |
|    | 21IT117 |         | VIDHYADHARAN SS      |                                                                     |                                                                        |

|    |            |                |                      |                                                     |
|----|------------|----------------|----------------------|-----------------------------------------------------|
|    |            |                |                      | TRAVELLERS AND TOURISTS                             |
| 51 | CSE        | 21C054         | V.MOHANDOSS          | CROP RECOMMENDATION SYSTEM                          |
| 52 |            | 21C115         | M.VIGNESH            |                                                     |
| 53 |            | 21C140         | SREENIWASAN G J      |                                                     |
| 54 |            | 21C130         | MANIKANDAN           |                                                     |
| 55 |            | 21C001         | S.AAGASH             | OPTIMAL CONNECTIONS USING SHORTEST PATH ALGORITHMS  |
| 56 |            | 21C044         | KALAIYARASAN         |                                                     |
| 57 |            | 21C074         | S.RAGUL              |                                                     |
| 58 |            | 21C082         | K.SANJAY             |                                                     |
| 59 |            | 21C038         | N.JAFFAR NISHA       | EMPLOYMENT FOR SKILLED LABOURERS                    |
| 60 |            | 21C037         | S. ISHVARYA          |                                                     |
| 61 |            | 21C116         | VINEESHA V           |                                                     |
| 62 |            | 21C102         | S. SUBA HARINI       |                                                     |
| 63 |            | 21C137         | B. SARAVANA KUMAR    | REAL TIME SIGN LANGUAGE TRANSLATOR                  |
| 64 |            | 21C006         | H.AISWARYA SHREE     |                                                     |
| 65 |            | 21C013         | K. ANUVIDHYA         |                                                     |
| 66 |            | 21C141         | B.SRI SIVANESAN      |                                                     |
| 67 |            | 21C145         | YOGA BHARANIDHARAN   |                                                     |
| 68 | CIVIL      | 21B035         | HARI KRISHNAN M.K    | GIANT WHEEL PARKING SYSTEM AND DYNAMIC PARKING DOME |
| 69 |            | 21B073         | PRIYA DHARSHINI G    |                                                     |
| 70 |            | 21B070         | PRATHIKSHA T S       |                                                     |
| 71 |            | 21B048         | KAMALESH C           |                                                     |
| 72 |            | 21B108         | THIRUVENDANATHAN R   |                                                     |
| 73 |            | 21B009         | ALAN J               | AUTOMISED SEATING ARRANGEMENT                       |
| 74 |            | 21B062         | NAVEEN MUTHUSELVAM W |                                                     |
| 75 |            | 21B115         | VISHNU PRABHA K J    |                                                     |
| 76 |            | 21B005         | AISWARYA L           |                                                     |
| 77 |            | 21B057         | MURUGESWARI K        |                                                     |
| 78 |            | 21B028         | ELLAVARASAN S        | POWER GENERATION BY USING SPEED BREAKERS            |
| 79 |            | 21B011         | ANBUSELLAVAM S       |                                                     |
| 80 |            | 21B086         | SAMI NARAYANAN R     |                                                     |
| 81 | MECHANICAL | 21B018         | BHARATHIRAJA P       | AUTOMATIC COTTON HARVESTER                          |
| 82 |            | 21B055         | MOHAMED SIKKANDAR R  |                                                     |
| 83 |            | 21B125         | JANARTHANAN J        |                                                     |
| 84 |            | 21G102         | SURYA PRAKASH P      | PYRO SHIELDING SEAT BELTS                           |
| 85 |            | 21G079         | RISHITH GNANASEKAR   |                                                     |
| 86 |            | 21G095         | SOLAIAPPAN VR PR     |                                                     |
| 87 |            | 21G076         | PRAVEEN KUMAR S      |                                                     |
| 88 | 21G125     | GIRI RAJ A     |                      |                                                     |
| 89 | 20G003     | ADHITYA B      |                      |                                                     |
| 90 | 21G100     | SUDHAN KUMAR J | DESIGN AND           |                                                     |



|     |              |             |                          |                                                                                       |                     |
|-----|--------------|-------------|--------------------------|---------------------------------------------------------------------------------------|---------------------|
| 91  |              | 21G104      | THANVEER AHAMED S        | DEVELOPMENT OF CUSTOMIZED MODULAR OUTLETS                                             |                     |
| 92  |              | 21G041      | JISHNU PRAJIT V R        |                                                                                       |                     |
| 93  |              | 21G111      | VIGNESH P V              |                                                                                       |                     |
| 94  |              | 21G015      | DEEPAK R                 |                                                                                       |                     |
| 95  |              | 21G122      | ASWIN KISHORE K          |                                                                                       |                     |
| 96  |              | 21G034      | JAGADEESH T              | SMART COFFEE MAKER                                                                    |                     |
| 97  |              | 21G049      | LOGESH KUMARAN T         |                                                                                       |                     |
| 98  |              | 21G056      | MILAN JOSE V             |                                                                                       |                     |
| 99  |              | 21G084      | SAKTHI MAHENDRAN L       |                                                                                       |                     |
| 100 |              | 21G119      | ARSHAD SHEIK K           |                                                                                       |                     |
| 101 |              | 21G032      | HARSHA R                 | ENHANCED PROJECTION SCREEN WITH WRITING AND MOBILITY FEATURES                         |                     |
| 102 |              | 21G083      | SAI SIDDHARTH S          |                                                                                       |                     |
| 103 |              | 21G090      | PA SHAKTHI               |                                                                                       |                     |
| 104 |              | 21G096      | SRETHAN V P              |                                                                                       |                     |
| 105 |              | 21G097      | SRI MAREESWARAN J        |                                                                                       |                     |
| 106 | MECHATRONICS | 21F024      | JESHURAN CORNELIUS K S R | AUTOMATIC TRASH BOT USING DEEP LEARNING                                               |                     |
| 107 |              |             | 21F008                   |                                                                                       | BOOBALAN KARTHICK A |
| 108 |              |             | 21F029                   |                                                                                       | MOHAMED ASHWAQUE    |
| 109 |              | 21F059      | VETRIVINAYAGAN S         | AUTOMATED FEEDBACK SYSTEM TO KNOW THE EXACT LOCATION OF NON-FUNCTIONAL STREETLIGHTS   |                     |
| 110 |              | 21F004      | ALAGU PARIKSIT A         |                                                                                       |                     |
| 111 |              | 21F011      | DHANUSH KUMAR S          |                                                                                       |                     |
| 112 |              | 21F005      | ANGURAJ S                | PROGRAMMED GLOVE FOR MUTISUM & MENTALLY CHALLENGED PATIENTS AND PHYSICALLY CHALLENGED |                     |
| 113 |              | 21F042      | SANJAI MAHESWAR M        |                                                                                       |                     |
| 114 | 21F058       | VETRISELVAN |                          |                                                                                       |                     |
| 115 |              | 21F035      | RAJESHWARI M R           | FALL DETECTION SYSTEM                                                                 |                     |
| 116 |              | 21F014      | GAYATHRI SRINIDHI K      |                                                                                       |                     |
| 117 |              | 21F060      | VISHWA M                 |                                                                                       |                     |

Almost 400 first year students have visited the event. The participants have received the feedback from the evaluators to promote their ideas and projects to the next level. The snapshots of their demonstration are given below.



*Snapshots of Idea/Project demonstration in Demo Day*





*Snapshot of first year student visit in Demo day event*



*A group photo of Participants in Demo Day @ Open Auditorium, TCE*

The demonstration of each team was evaluated based on the following categories such as Stake Holder Requirement Analysis, Idea Formulation, Specification, Development, Application of Engineering Principles, Design, Environmental Consideration, Ethics, Team Work, Content Organization and Presentation. The maximum score was considered as 40. The Evaluators are

1. Dr.K.Hariharan, Professor, Dept. of ECE, TCE,
2. Dr.S.P.Saravana Perumal, Assistant Professor, Dept. of Mechanical Engg., TCE
3. Dr.R.Leenasri, Associate Professor, Dept. of CSE, TCE
4. Dr.K.V.Uma, Assistant professor, Dept. of IT, TCE

Also audience voting was considered for the weightage of 5%, which results in additional 2 points. Therefore, each team is evaluated for 42 points. Based on the evaluation by the team of evaluators and audience voting, the winners of the event are selected as given below.

**1st Prize : Cash Award (Rs.2000/-)**

Team No.: 27

Department : Mechanical

Project title: Enhanced Projection Screen with writing and mobility features

Team Name: Erudites

Team Members: Harsha.R, Sai Siddharth.S, Sakthi.PA, Srethan.V.P., Sri Mareewaran.J

**2nd Prize : Cash Award (Rs.1500/-)**

Team No.: 22

Department : Mechanical

Project title: Design and development of customized modular outlets

Team Name: Sinister 6

Team Members: Sudhan Kumar J, Thanveer Ahamed S, Jishnnu Prajit VR, Vignesh PV,  
Deepak R, Aswin Kishore K

**3rd Prize : Cash Award (Rs.1000/-)**

Team No.: 15

Department : ECE

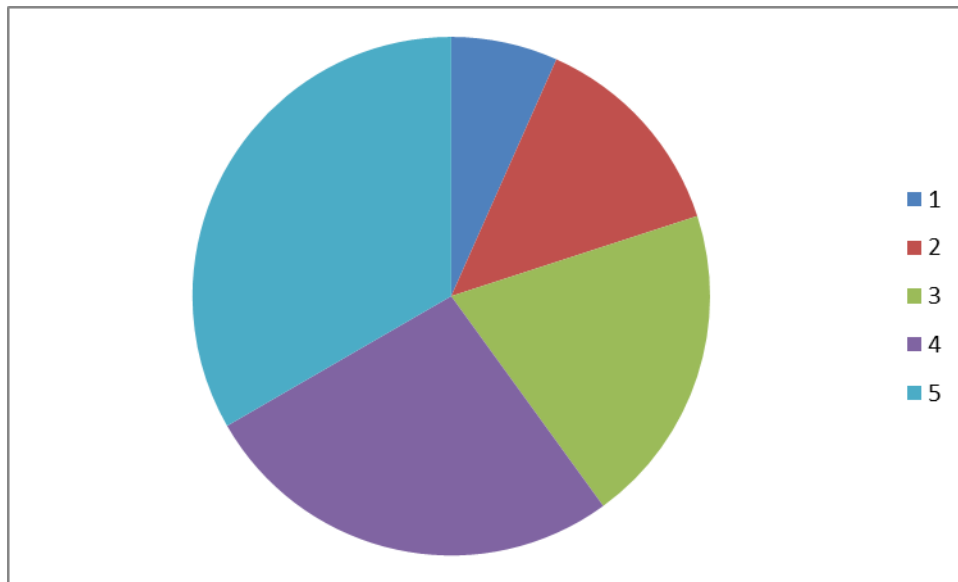
Project title: Automated Electronic Pill Dispenser

Team Name: Tacteeciens

Team Members: Suvetha.S, Sriram Vignesh.V, Madhavan.V, Sankaranarayanan.S,  
Ashwin.V.J, Shalini.L.K



The feedback of the event was collected from the first year students through QR code. The consolidated report emphasizes that the students are much interested to take part in similar demo day events in future and they expects such events to happen frequently. The overall arrangement was rated as given below in the pie chart where the scale from 1 to 5 range from Low to High. Most of the students have rated this event high score. The students have given suggestion to allot more time and space for visiting the demonstration.



*Pie chart of overall arrangement of the Demo day event[Low(1)- High(5)]*

Thus, the Demo day event has paved a way to understand the role of engineers in the society and gears them to become an Entrepreneur in their future endeavors.



**THIAGARAJAR COLLEGE OF ENGINEERING**



**TCE - ED Cell**



**Cordially invites you  
to**

**CEO CONNECT**

**on  
02.02.23**

**Speaker**



**Dr. C. Mathiazhagan**

TCE Alumnus - 1984 Batch

**Chairman & CEO  
Hi-Tech Company  
Software Solutions - Chennai**

**Venue : IT Seminar Hall**

**Time : 2.30 pm**





THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided Autonomous Institution affiliated to Anna University)

where Quality and Ethics matter

09.02.23

To

The Principal,  
Thiagarajar College of Engineering,  
Madurai.

Respected Sir,

Subject: Requisition for attending the PALS L2M Project Expo on 18<sup>th</sup> Feb at IIT Madras Research Park.

IITMR would like to recognize and support students projects and help in the network required for those projects to seek appropriate contacts for incubation as well as funding support. In this regard PALS association conducts the Lab to Market place(L2M) Project expo on 18<sup>th</sup> Feb 2023 at IITM Research Park. TCE ED cell collected the expression of interests from the club students and totally 33 entries were received, in which 5 teams have been shortlisted for the Expo.

We request your kind approval for the following 5 students and the faculty member to attend this event on behalf of our institution.

| S.No | Reg.No  | Name          | Dept  | Project Title                                        |
|------|---------|---------------|-------|------------------------------------------------------|
| 1    | 21C037  | S Ishvarya    | CSE   | Dental Sign Recognition using Media Pipe and Open CV |
| 2    | 19IT117 | Vibhishek     | IT    | Smart Delivery Box                                   |
| 3    | 19B072  | Reshma        | Civil | Water Conservation System For Village Community      |
| 4    | 21IT037 | Hariharan VJ  | IT    | Online Crypto Taxi                                   |
| 5    | 21D117  | Vishnupriya S | ECE   | Braille Device                                       |

TCE – EDC Coordinator : Ms.S.Karthiga, Asst.Prof/ IT Dept

Head of Account : TCE- ~~EDH Hub~~ - ED cell A/c  
Students Travel : Rs. 8500/-  
Faculty Travel, DA and Accommodation : Rs. 8200/-  
Total : Rs 16,700/-

We also request your kind permission to meet the traveling expenses of the students and the travelling, boarding, lodging expenses of our faculty member from EDH Hub account.

Thanking you

Yours Truly

S. Chandram  
[S. Chandram]

Dean - Students

(S. CHANDRAM)

Principal

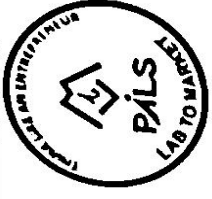
### TCE - Selected Project Prototypes

| S.No | Reg.No     | Name                  | Dept  | Title                                                                                       | Email-Id                       | Phone Number |
|------|------------|-----------------------|-------|---------------------------------------------------------------------------------------------|--------------------------------|--------------|
| 1    | 21D080     | Roshini B             | ECE   | Braille Device                                                                              | broshini@student.tce.edu       | 9677421309   |
| 2    | 19B072     | Reshma                | Civil | WATER CONSERVATION SYSTEM FOR VILLAGE COMMUNITY                                             | reshmam@student.tce.edu        | 8637455004   |
| 3    | 21C037     | S Ishvarya            | CSE   | Dental Sign Recognition using Media Pipe and Open CV                                        | ishvaryas@student.tce.edu      | 9342268963   |
| 4    | 21IT040    | HARSHINI LARA A K     | IT    | Retinal disorder predictor                                                                  | harshinilara@student.tce.edu   | 7200138481   |
| 5    | 917721H048 | Shrinivas S           | CSBS  | Automation of 3D model design on buildings architectural plan with user's input using robot | shrinivasoffical@gmail.com     | 8248817161   |
| 6    | 21IT037    | HariHaran VJ          | IT    | Online Crypto Taxi                                                                          | hariharanvj2003@gmail.com      | 9360994497   |
| 7    | 19B012     | Balaji D              | Civil | Porous Tile -Water Absorbing Concrete                                                       | balajid@student.tce.edu        | 8754937132   |
| 8    | 20F003     | Adithya S             | MECT  | Automated Attendance Management System                                                      | adithyas@student.tce.edu       | 8925220096   |
| 9    | 21C013     | Anuvidhya K           | CSE   | Real Time Sign language Translator and App Development for Disabled Person                  | anuvidhya@student.tce.edu      | 9486007452   |
| 10   | 21C136     | L.P. Sakthi Kiruthika | CSE   | Government bus tracking system                                                              | sakthikiruthika.lp@gmail.com   | 8668031471   |
| 11   | 21C070     | Prasanna Kumar G      | CSE   | Driving Posture Detection                                                                   | prasannakumarg@student.tce.edu | 8667736459   |
| 12   | 21C001     | Aagash S              | CSE   | Designing shortest path among multiple vertices                                             | sanjayk@student.tce.edu        | 9150397391   |
| 13   | 21D067     | NITHIVARSHAN K        | ECE   | DIGITALIZATION OF RURAL MARKETING                                                           | nithivarshan@student.tce.edu   | 9842815695   |



| S.No | Reg.No  | Name          | Dept  | Project Title                                        | Email Id                     | Name        |
|------|---------|---------------|-------|------------------------------------------------------|------------------------------|-------------|
| 1    | 21C037  | S Ishvarya    | CSE   | Dental Sign Recognition using Media Pipe and Open CV | ishvaryas@student.tce.edu    | 9342268963  |
| 2    | 19IT117 | Vibhishek     | IT    | Smart Delivery Box                                   | vibhisheaksakthi@gmail.com   | 99651 36897 |
| 3    | 19B072  | Reshma        | Civil | WATER CONSERVATION SYSTEM FOR VILLAGE COMMUNITY      | reshmam@student.tce.edu      | 8637455004  |
| 4    | 21IT037 | Hariharan VJ  | IT    | Online Crypto Taxi                                   | hariharanvj2003@gmail.com    | 9360994497  |
| 5    | 21D117  | Vishnupriya S | ECE   | Braille Device                                       | svishnupriya@student.tce.edu | 88388 57286 |

# PALS



## CERTIFICATE OF APPRECIATION

Awarded to Prof. S.KARTHIGA, ASSISTANT PROFESSOR - INFORMATION TECHNOLOGY from THIAGARAJAR COLLEGE OF ENGINEERING MADURAI in recognition of the effort in coordinating & displaying the project "DENTAL SIGN RECOGNITION USING MEDIA PIPE AND OPEN CV, SMART DELIVERY BOX, WATER CONSERVATION SYSTEM FOR VILLAGE COMMUNITY, ONLINE CRYPTO TAXI, BRAILLE DEVICE" in LAB TO MARKET CONCLAVE event conducted by PALS on 18<sup>th</sup> February 2023 at IIT Madras Research Park.

P V Mohan,  
Chairman, PALS

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*PALS an initiative of volunteers from Alumni fraternity of IIT's, focused on augmenting engineering education . Details in [www.palsgmm.com](http://www.palsgmm.com)*

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L2P\_SPF\_022





# THIAGARAJAR COLLEGE OF ENGINEERING, Madurai-15.

IITM IC – Build Club

TCE/ED Cell/IITM IC - Build club Events/2023

23.2.23

To

The Principal,  
Thiagarajar College of Engineering,  
Madurai-15.

**Sub : Requesting permission for conducting the second level workshop on "Rapid Prototype Development"**

IITM Build club is collaboration between IIT Madras and other reputed institutes in India. Our college is one prestigious member of the IITM Build club. Build club is a platform where ideas turn to realities. The student members of this club can create projects, test and explore them. We have launched the IITM Build club in TCE on Sep 5<sup>th</sup> and 6<sup>th</sup> 2022 by IITM Research Park and Incubation Council experts and conducted the first level workshop for the build club students on "Rapid Prototype Development".

It is proposed to conduct the second level workshop on "Rapid Prototype Development" with advanced projects and kits on 27<sup>th</sup> Feb 2023 from 10 am to 2.00 pm . The workshop will be delivered by the experts from IITM IC and Maxelerator Foundations, Madurai. Hence I request you to kindly permit us to conduct the same on 27<sup>th</sup> Feb 2023 with the financial assistance and also kindly provide on duty permission for the students those who are attending the workshop.

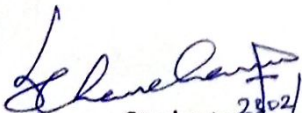
**Head of Account: TCE – ED Cell**

|                      |                      |
|----------------------|----------------------|
| Expert Accommodation | : Rs. 3000           |
| Refreshments         | : Rs. 1500           |
| Certificates         | : Rs. 1000           |
| Guest Memento        | : Rs. 1000           |
| <b>Total</b>         | <b>: Rs. 6,500/-</b> |

Thanking You

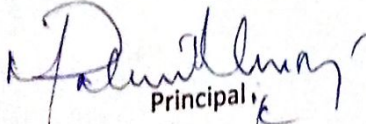
Yours truly

  
TCE - ED Cell Coordinator

  
Dean - Students 28/02/23

(S. CHANDRAN)

Yes  
23/2/23

  
Principal

**Build Club - Second Level Workshop - 27 FEB 23'**

| Team | Email Address                   | Reg.No      | Name                     | Department     | Year | Email Id                        | Phone Number |
|------|---------------------------------|-------------|--------------------------|----------------|------|---------------------------------|--------------|
| 1    | harshinilara@student.tce.edu    | 21IT040     | Harshini Lara A K        | IT-2nd yr      | 2    | harshinilara@student.tce.edu    | 7200138481   |
|      | smukesh@student.tce.edu         | 21F030      | Mukesh S                 | Mechatronics   | 2    | smukesh@student.tce.edu         | 8778448203   |
|      | antoraglin@student.tce.edu      | 20F007      | Anto Raglin T            | Mechatronics   | 3    | antoraglin@gmail.com            | 8056563432   |
|      | abisini@student.tce.edu         | 917721C005  | S R ABISINI              | CSE            | 1    | abisini@student.tce.edu         | 9360750714   |
|      | harishkannanm@student.tce.edu   | 21G128      | M. Harish kannan         | Mechanical     | 2    | harishkannanm@student.tce.edu   | 9360016776   |
| 2    | rraghul@student.tce.edu         | 21IT077     | Raghul R                 | IT             | 2    | rraghul@student.tce.edu         | 9790139922   |
|      | aishwaryakjv@student.tce.edu    | 20F004      | Aishwarya KJV            | mechatronics   | 3    | aishwaryakjv@student.tce.edu    | 7305705570   |
|      | jayaraj@student.tce.edu         | 917721F023  | JAYARAJ R                | Mechatronics   | 1    | jayaraj@student.tce.edu         | 8925479407   |
|      | vineesha@student.tce.edu        | 21C116      | Vineesha V               | CSE            | 2    | vineesha@student.tce.edu        | 8977937889   |
|      | rprakash@student.tce.edu        | 21C068      | PRAKASH R                | CSE            | 2    | rprakash@student.tce.edu        | 8428723610   |
| 3    | sarvika@student.tce.edu         | 21IT088     | Sarvika P                | IT Second Year | 2    | sarvika@student.tce.edu         | 9677445599   |
|      | muthaiah@student.tce.edu        | 20F040      | Muthaiah M               | mechatronics   | 3    | muthaiah@student.tce.edu        | 8754935992   |
|      | jeshuran@student.tce.edu        | 21F024      | Jeshuran Cornelius K S R | Mechatronics   | 2    | jeshuran@student.tce.edu        | 6383439117   |
|      | akshithaaa@student.tce.edu      | 21C008      | Akshithaa                | Cse            | 2    | akshithaaa@student.tce.edu      | 9363127665   |
|      | arunprasaths@student.tce.edu    | 20C116      | ARUN PRASATH S           | CSE            | 3    | arunprasaths@student.tce.edu    | 7538891491   |
| 4    | sarvika@student.tce.edu         | 21IT056     | LAKSHMI AISWARYA C       | IT Second year | 2    | lakshmiaiswarya@student.tce.edu | 7397049260   |
|      | vigneshpv@student.tce.edu       | 21G111      | VIGNESH P V              | Mechanical     | 2    | vigneshpv@student.tce.edu       | 9342310134   |
|      | vetrivinayagan@student.tce.edu  | 9177-21F059 | VETRIVINAYAGAN S         | Mechatronics   | 1    | vetrivinayagan@student.tce.edu  | 8870387901   |
|      | dharshinig@student.tce.edu      | 21C023      | Dharshini G              | CSE            | 2    | dharshinig@student.tce.edu      | 8428899056   |
|      | harip@student.tce.edu           | 21F016      | Hari P                   | Mechatronics   | 2    | harip@student.tce.edu           | 9488308473   |
| 5    | hariharanj@student.tce.edu      | 21IT037     | HARIHARAN VJ             | IT             | 2    | hariharanj@student.tce.edu      | 9360994497   |
|      | sharanya@student.tce.edu        | 20F052      | G Sharanya               | Mechatronics   | 3    | sharanya@student.tce.edu        | 8754214308   |
|      | guruprasathm@student.tce.edu    | 917721G026  | Guruprasath M            | Mechanical     | 1    | guruprasathm@student.tce.edu    | 9488610707   |
|      | aishwaryashree@student.tce.edu  | 21C006      | Aishwarya Shree          | CSE 2nd yr     | 2    | aishwaryashree@student.tce.edu  | 8825643932   |
|      | vigneshkumar@student.tce.edu    | 19IT117     | VIGNESH KUMAR S          | INFORMATION T  | 4    | vigneshkumar@student.tce.edu    | 6374682825   |
| 6    | mdineshkumar@student.tce.edu    | 19IT023     | Dineshkumar M            | IT             | 4    | mdineshkumar@student.tce.edu    | 7339397010   |
|      | vvetrivel@student.tce.edu       | 20F054      | srihari                  | mechatronics   | 3    | sriharim@student.tce.edu        | 9940865765   |
|      | madhumithaj@student.tce.edu     | 21IT060     | J Madhumitha             | IT             | 2    | madhumithaj@student.tce.edu     | 6380939033   |
|      | berlin@student.tce.edu          | 21IT020     | Berlin Kirubha M         | IT             | 2    | berlin@student.tce.edu          | 9489716148   |
|      | poojadarshinivb@student.tce.edu | 21IT074     | POOJA DHARSHINI          | IT - 2nd yr    | 2    | poojadarshinivb@student.tce.edu | 9360884945   |



|   |                               |         |                  |                  |   |                               |            |
|---|-------------------------------|---------|------------------|------------------|---|-------------------------------|------------|
| 7 | dinaker@student.tce.edu       | 21IT032 | DINAKER T        | IT               | 2 | dinaker@student.tce.edu       | 6369034477 |
|   | hareshgautham@student.tce.edu | 20IT031 | Haresh Gautham S | IT               | 3 | hareshgautham@student.tce.edu | 6380173589 |
|   | charvi@student.tce.edu        | 21IT025 | Charvi J D       | IT               | 2 | charvi@student.tce.edu        | 9384684449 |
|   | rjanani@student.tce.edu       | 21IT044 | R.Janani         | Information tech | 2 | jananicoletee@gmail.com       | 8015683621 |
|   | sabirami2@student.tce.edu     | 21IT005 | Abirami.S        | IT               | 2 | sabirami2@student.tce.edu     | 8838578882 |

| Name of the Mentor | Name of the                                                 | Day          |
|--------------------|-------------------------------------------------------------|--------------|
| Ohm vignesh V      | RF ID /<br>Gesture<br>control<br>device /<br>DC-DC<br>Boost | Team 1 and 6 |
| Sneka Sri          | Energy<br>Meter /<br>Fun with<br>Image                      | Team 2 and 3 |
| Ponraj             | Rolling<br>display &<br>Dancing<br>LED /<br>Maze            | Team 4       |
| Subalakshmi        | Flutter /<br>WaterFlo<br>w meter                            | Team 5 and 7 |





**Build Club - Second Level Workshop - 27 FEB 23'**

| Team | Email Address                   | Reg.No      | Name                     | Department    | Year | Email Id                        | Phone Number |
|------|---------------------------------|-------------|--------------------------|---------------|------|---------------------------------|--------------|
| 1    | harshinilara@student.tce.edu    | 21IT040     | Harshini Lara A K        | IT-2nd yr     | 2    | harshinilara@student.tce.edu    | 7200138481   |
|      | smukesh@student.tce.edu         | 21F030      | Mukesh S                 | Mechatronics  | 2    | smukesh@student.tce.edu         | 8778448203   |
|      | antoraglin@student.tce.edu      | 20F007      | Anto Raglin T            | Mechatronics  | 3    | antoraglin@gmail.com            | 8056563432   |
|      | abisini@student.tce.edu         | 917721C005  | S R ABISINI              | CSE           | 1    | abisini@student.tce.edu         | 9360750714   |
|      | harishkannanm@student.tce.edu   | 21G128      | M. Harish kannan         | Mechanical    | 2    | harishkannanm@student.tce.edu   | 9360016776   |
| 2    | rraghul@student.tce.edu         | 21IT077     | Raghul R                 | IT            | 2    | rraghul@student.tce.edu         | 9790139922   |
|      | aishwaryakjv@student.tce.edu    | 20F004      | Aishwarya KJV            | mechatronics  | 3    | aishwaryakjv@student.tce.edu    | 7305705570   |
|      | jayaraj@student.tce.edu         | 917721F023  | JAYARAJ R                | Mechatronics  | 1    | jayaraj@student.tce.edu         | 8925479407   |
|      | vineesha@student.tce.edu        | 21C116      | Vineesha V               | CSE           | 2    | vineesha@student.tce.edu        | 8977937889   |
|      | rprakash@student.tce.edu        | 21C068      | PRAKASH R                | CSE           | 2    | rprakash@student.tce.edu        | 8428723610   |
| 3    | muthaiah@student.tce.edu        | 20F040      | Muthaiah M               | mechatronics  | 3    | muthaiah@student.tce.edu        | 8754935992   |
|      | jeshuran@student.tce.edu        | 21F024      | Jeshuran Cornelius K S R | Mechatronics  | 2    | jeshuran@student.tce.edu        | 6383439117   |
|      | akshithaaa@student.tce.edu      | 21C008      | Akshithaa                | Cse           | 2    | akshithaaa@student.tce.edu      | 9363127665   |
|      | arunprasaths@student.tce.edu    | 20C116      | ARUN PRASATH S           | CSE           | 3    | arunprasaths@student.tce.edu    | 7538891491   |
| 4    | vetrivinayagan@student.tce.edu  | 9177-21F059 | VETRIVINAYAGAN S         | Mechatronics  | 1    | vetrivinayagan@student.tce.edu  | 8870387901   |
|      | dharshinig@student.tce.edu      | 21C023      | Dharshini G              | CSE           | 2    | dharshinig@student.tce.edu      | 8428899056   |
|      | harip@student.tce.edu           | 21F016      | Hari P                   | Mechatronics  | 2    | harip@student.tce.edu           | 9488308473   |
| 5    | hariharanvj@student.tce.edu     | 21IT037     | HARIHARAN VJ             | IT            | 2    | hariharanvj@student.tce.edu     | 9360994497   |
|      | thirumalai@student.tce.edu      | 20IT112     | Thirumalai               | IT            | 3    | thirumalai@student.tce.edu      | 9080604358   |
|      | vvetrivel@student.tce.edu       | 20F060      | Vetriver.V               | Mect          | 3    | vvetrivel@student.tce.edu       | 9025960803   |
|      | guruprasathm@student.tce.edu    | 917721G026  | Guruprasath M            | Mechanical    | 1    | guruprasathm@student.tce.edu    | 9488610707   |
|      | aishwaryashree@student.tce.edu  | 21C006      | Aishwarya Shree          | CSE 2nd yr    | 2    | aishwaryashree@student.tce.edu  | 8825643932   |
|      | vigneshkumar@student.tce.edu    | 19IT117     | VIGNESH KUMAR S          | INFORMATION T | 4    | vigneshkumar@student.tce.edu    | 6374682825   |
| 6    | mdineshkumar@student.tce.edu    | 19IT023     | Dineshkumar M            | IT            | 4    | mdineshkumar@student.tce.edu    | 7339397010   |
|      | vvetrivel@student.tce.edu       | 20F054      | srihari                  | mechatronics  | 3    | sriharim@student.tce.edu        | 9940865765   |
|      | madhumithaj@student.tce.edu     | 21IT060     | J Madhumitha             | IT            | 2    | madhumithaj@student.tce.edu     | 6380939033   |
|      | berlin@student.tce.edu          | 21IT020     | Berlin Kirubha M         | IT            | 2    | berlin@student.tce.edu          | 9489716148   |
|      | poojadarshinivb@student.tce.edu | 21IT074     | POOJA DHARSHINI          | IT - 2nd yr   | 2    | poojadarshinivb@student.tce.edu | 9360884945   |
|      | dinaker@student.tce.edu         | 21IT032     | DINAKER T                | IT            | 2    | dinaker@student.tce.edu         | 6369034477   |



# Thiagarajar college of Engineering, Madurai

TCE- IITM Build club Workshop

27.02.23 9.00 am to 12. 00 pm

| Reg.No      | Name                     | Department             | Signature                |
|-------------|--------------------------|------------------------|--------------------------|
| 21IT040     | Harshini Lara A K        | IT-2nd yr              | Harshini                 |
| 21F030      | Mukesh S                 | Mechatronics           | Mukesh                   |
| 20F007      | Anto Raglin T            | Mechatronics           | Anto Raglin T            |
| 917721C005  | S R ABISINI              | CSE                    | S.R. Abisini             |
| 21G128      | M. Harish kannan         | Mechanical             | M. Harish                |
| 21IT077     | Raghul R                 | IT                     | Raghul R                 |
| 20F004      | Aishwarya KJV            | mechatronics           | Aishwarya                |
| 917721F023  | JAYARAJ R                | Mechatronics           | Jayaraj R                |
| 21C116      | Vineesha V               | CSE                    | Vineesha V               |
| 21C068      | PRAKASH R                | CSE                    | R. Prakash               |
| 20F040      | Muthaiah M               | mechatronics           | Muthaiah M               |
| 21F024      | Jeshuran Cornelius K S R | Mechatronics           | Jeshuran Cornelius K S R |
| 21C008      | Akshithaa                | Cse                    | Akshithaa                |
| 20C116      | ARUN PRASATH S           | CSE                    | Arun Prasath S           |
| 9177-21F059 | VETRIVINAYAGAN S         | Mechatronics           | Vetrivinayagan S         |
| 21C023      | Dharshini G              | CSE                    | Dharshini G              |
| 21F016      | Hari P                   | Mechatronics           | Hari P                   |
| 21IT037     | HARIHARAN VJ             | IT                     | Harihara VJ              |
| 20IT112     | Thirumalai               | IT                     | Thirumalai               |
| 20F060      | Vetrivel.V               | Mect                   | V. Vetrivel              |
| 917721G026  | Guruprasath M            | Mechanical             | Guruprasath M            |
| 21C006      | Aishwarya Shree          | CSE 2nd yr             | Aishwarya Shree          |
| 19IT117     | VIGNESH KUMAR S          | INFORMATION TECHNOLOGY | Vignesh Kumar S          |
| 19IT023     | Dineshkumar M            | IT                     | Dinesh                   |
| 20F054      | srihari                  | mechatronics           | Srihari                  |
| 21IT060     | J Madhumitha             | IT                     | J Madhumitha             |
| 21IT020     | Berlin Kirubha M         | IT                     | Berlin Kirubha M         |
| 21IT074     | POOJA DHARSHINI          | IT - 2nd yr            | Pooja Dharshini          |
| 21IT032     | DINAKER T                | IT                     | Dinakar T                |
| 21IT025     | Charvi J D               | IT                     | Charvi J D               |
| 21IT044     | R.Janani                 | Information technology | R. Janani                |
| 21IT005     | Abirami.S                | IT                     | Abirami.S                |





*S. P. Dhanraj*

E-Cell Coordinator

**Thiagarajar College of Engineering, Madurai**  
**Entrepreneurship Development Cell (E-Cell)**

27.02.23

Madurai

*From:* The President,  
Entrepreneurship Development Cell (E-Cell),  
Thiagarajar College of Engineering,  
Madurai – 15

*To:* The Principal,  
Thiagarajar College of Engineering,  
Madurai – 15

Respected Sir

*Subject:* Budget estimate for STAKE 2023 event – reg.

The Entrepreneurship Development Cell (E-Cell) would like to conduct **STAKE 2023**, a pan-institute mock business proposal event, inviting students from all years and departments.

We have put together an estimate of the expected expenses for the conduct of this event. A copy is attached below for your perusal:

| CATEGORY              | ITEM                                       | QUANTITY | ELEMENT PRICE | TOTAL PRICE |
|-----------------------|--------------------------------------------|----------|---------------|-------------|
| Marketing & Promotion | 1. Flyers                                  | 60       | 10            | 600         |
|                       | 2. Flex Print Poster                       | 1        | 2000          | 2000        |
| Decor                 | 1. Wall hangings (Printouts of strategies, | 40       | 10            | 400         |



|                       |                                                                      |    |     |             |
|-----------------------|----------------------------------------------------------------------|----|-----|-------------|
|                       | quotes and business plans)                                           |    |     |             |
|                       | 2. String                                                            |    |     | 100         |
|                       | 3. A3 Size printouts for team name cards, business strategy diagrams | 20 | 20  | 400         |
|                       | 4. Cardboard cartons                                                 | 20 | 25  | 500         |
|                       | 5. Packing sheet rolls                                               | 3  | 100 | 300         |
|                       | 6. Tape rolls                                                        | 5  | 35  | 350         |
|                       | 7. Festoons                                                          | 20 | 30  | 600         |
| Prizes & Certificates | 1. Copy of <i>The Hard Thing About Hard Things</i> by Ben Horowitz   | 2  | 500 | 1000        |
|                       | 2. Copy of <i>Shoe Dog</i> by Phil Knight                            |    |     |             |
|                       | 3. Medals                                                            | 8  | 40  | 320         |
|                       | 4. Certificates                                                      | 50 | 10  | 500         |
| Refreshments          |                                                                      | 70 | 15  | 1050        |
| <b>TOTAL</b>          |                                                                      |    |     | <b>8120</b> |

We request you to kindly sanction the mentioned amount.

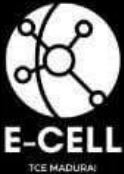
ED cell A/c.

*S. Chandra*  
27/02/23  
Co-Ordinator, E-Cell

*S. Chandra*  
27/02/23  
Dean, Students  
(S. CHANDRA)

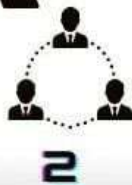
Yours Sincerely,  
*L. Preetham*  
L. PREETHAM MGENAKSHI  
27.02.23

Principal  
*L. Preetham*  
27/02/23



E-CELL, TCE MADURAI  
BRINGS TO YOU A  
ONE OF A KIND EVENT

TCE'S FIRST MOCK BUSINESS EXPO  
**STAKE '23**



**STAY TUNED.**

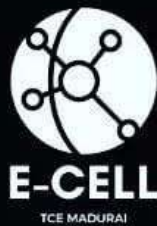




eceltce



TEAM CAPACITY SHOULDN'T EXCEED 4.  
LONE WOLVES ARE ACCEPTED.  
BOOK YOUR SPOT NOW.



# STAKE'23

REGISTRATIONS OPEN NOW



REGISTRATION CLOSES ON 4TH MATCH, 12PM IST

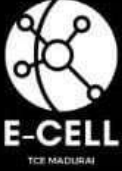
LINK IN BIO

SAI SIDDHARTH

 @ITSSIDDE.EXE

ADHITYA BHARGAVA

 @DRDROWNEDD



2/2

ECELL TCE PRESENTS TO YOU THE WINNERS OF

# STAKE '23

RANK 2 - RUNNERS UP

TEAM BLACKOPS FOR THEIR PRODUCT

## RECLAPSE

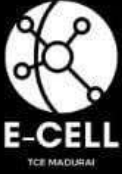
SURIYA S - IT 2ND YEAR

RAGHUL R - IT 2ND YEAR

SAKTHI PRAKASH - IT 2ND YEAR

BHARATH VIKASH - IT 2ND YEAR





ECELL TCE PRESENTS TO YOU THE WINNERS OF

# STAKE '23

**RANK 1 - WINNERS**

TEAM CATALYST CREW FOR THEIR PRODUCT

## GIGLINK

SUGINDAR A D-CS BS 2ND YEAR

SANTHOSH K M R - CS BS 2ND YEAR

SRINIVAS S - CS BS 2ND YEAR

SRINIVAS KARTHIK D - CS BS 2ND YEAR



**THIAGARAJAR COLLEGE OF ENGINEERING  
MADURAI**



**TCE - ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)**



*CORDIALLY INVITES YOU*

**TCE - E CELL VALEDICTORY 2023**

**CHIEF GUEST**



**MR.M.SUNDARRAJ,  
FOUNDER - HOTCUPS, MADURAI**

**13.04.23  
11.00 AM TO 1.00 PM**

**VENUE : K S AUDITORIUM**







**THIAGARAJAR COLLEGE OF ENGINEERING  
MADURAI**



**TCE - E CELL VALEDICTORY 2023  
SCHEDULE OF EVENTS**



**Prayer**

**Welcome Address**

*Dr. S. Chandran,  
Dean - Students, TCE*

**Presidential Address**

*Dr. M. Palaninatha Raja  
Principal In-Charge , TCE*

**Felicitations**

**Chief Guest Address**

*Mr. Mr.M.Sundarraaj,  
Founder - Hotcups, Madurai*

**Annual Report**

*Dr.S.Karthiga,  
Assistant Professor, IT*

**Prize Distribution**

**Multimedia**

**Vote of Thanks**



**THIAGARAJAR COLLEGE OF ENGINEERING**  
**ENTREPRENEURSHIP DEVELOPMENT CELL – VALEDICTORY FUNCTION**  
**13th April 2023 11 am at KS Auditorium**

-----PRIZE WINNERS LIST 2023-----

| EVENT                                           | PRIZE                         | TEAM MEMBERS                                                                                                     | Project Name                                                                                              | SEM, YEAR & Department | Mentors                                                                           |
|-------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------|
| TCE – Product Prototype Expo                    | FIRST                         | Vishnupriya S 21D117<br>Roshini B 21D080<br>Varun S 21D114                                                       | Braille Device                                                                                            | II nd Year ECE         | Dr.M.Senthilarasi,<br>Dr.V.Vinoth<br>Thyagarajan                                  |
|                                                 | SECOND                        | M.Reshma - 19B072<br>D.Lavanya - 19B053<br>R.Shruthy - 19B089                                                    | Water Conservation System For Village Community                                                           | Final year CIVIL       | Ms.K.Keerthy                                                                      |
|                                                 | THIRD                         | S Ishvarya 21C037<br>Prakash R 21C068<br>S Madhav 21C049                                                         | Dental Sign Recognition using Media Pipe and Open CV                                                      | II nd Year CSE         | Dr. M K Kavitha Devi                                                              |
| Best AT initiative among Educational Institutes | 19D087                        | Shankar Mahadevan G                                                                                              | IV                                                                                                        | ECE                    | Human Machine Interface for Wheel Chair based on sEMG signals                     |
|                                                 | 20D096                        | Vijayabaskar.C.R                                                                                                 | III                                                                                                       | ECE                    | Assistive Technology for Blind Real time Sign language translator using AI and ML |
|                                                 | 21C013                        | Anuvidhya.K                                                                                                      | II                                                                                                        | CSE                    |                                                                                   |
|                                                 | 21C006                        | Aishwaryashree.H                                                                                                 | II                                                                                                        | CSE                    | Virtual Visit using VR                                                            |
|                                                 | 19IT100                       | Sreeram B                                                                                                        | IV                                                                                                        | IT                     |                                                                                   |
|                                                 | 19IT076                       | Reenasree S                                                                                                      | IV                                                                                                        | IT                     | Assistive Footwear for People affected by polio Virus                             |
|                                                 | 20E055                        | Natish M                                                                                                         | III                                                                                                       | EEE                    |                                                                                   |
|                                                 | 20E017                        | Deepashri R                                                                                                      | III                                                                                                       | EEE                    |                                                                                   |
|                                                 | 20H047                        | Aditya Mishra                                                                                                    | III                                                                                                       | EEE                    | Multi point Lidar based Robot Navigation using ROS                                |
|                                                 | 20F022                        | Deva Prasad S                                                                                                    | III                                                                                                       | Mechatronics           |                                                                                   |
|                                                 | 20F052                        | Sharnya G                                                                                                        | III                                                                                                       | Mechatronics           | Affordable exoskeleton Arm with the help of simple pneumatics                     |
| 20G024                                          | Ebenesar                      | III                                                                                                              | Mechanical                                                                                                |                        |                                                                                   |
| 20G038                                          | Hemachandran                  | III                                                                                                              | Mechanical                                                                                                |                        |                                                                                   |
| TNSI 2022 winners Anna University , Chennai     | FIRST Prize Money : Rs.100000 | Srivatsav, Harish Subramanian and Ilamthendral                                                                   | Automatic intravenous control system                                                                      | III rd Year Mect       | Dr S Julius fusic                                                                 |
| Demo Day 2022                                   | FIRST                         | 21G032 Harsha R<br>21G083 Sai Siddharth S<br>21G090 Pa Shakthi<br>21G096 Srethan V P<br>21G097 Sri Mareeswaran J | Design and development of projection screen with an enhanced field view and an integrated writable screen | II nd year Mechanical  | Dr.PL.K.PALANIA<br>PPAN<br>Dr.S.SARAVANA<br>PERUMAAL                              |



|                                                              |                                                 |                                                                                                                                                |                                                                           |                       |                                                        |
|--------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------|--------------------------------------------------------|
|                                                              | SECOND                                          | 21G100 Sudhan Kumar J<br>21G104 Thanveer Ahamed<br>21G041 Jishnu prajit V R<br>21G111 Vignesh P V<br>21G015 Deepak R<br>21G122 Aswin Kishore K | Customized modular power outlets                                          | II nd year Mechanical | "Dr.PL.K.PALANIA<br>PPAN<br>Dr.S.SARAVANA<br>PERUMAAL" |
|                                                              | THIRD                                           | 21D104 Suvetha. S<br>21D095 Sriram Vignesh.V<br>21D048 Madhavan V<br>21D085 Sankaranarayanan S<br>21D009 Ashwin V J<br>21D088 Shalini L.K      | AUTOMATED ELECTRONIC PILL DISPENSER                                       | II nd year ECE        | "Dr.M.N.SURESH<br>Dr.G.Ananthi"                        |
| StartupTN<br>DevHack23                                       | First prize (40000)                             | 21H048 Shrinivas S<br>21H044 Santhosh Kumar<br>21H056 Sugindar AD<br>21H060 Vaseekaran M                                                       |                                                                           | II nd year CSBS       | Ms. Subhashni R                                        |
|                                                              | Second prize (25000)                            | 21D006 Ancy Riga S A<br>21D104 Suvetha S                                                                                                       | Sanizer- a Task Management website/app for blue collar workers            | II nd year ECE        | Dr.M.Senthilarasi                                      |
| STAKE'23 –                                                   | First Prize                                     | 21H056 Sugindar A D<br>21H044 Santhosh K M R<br>21H048 Shrinivas S<br>21H053 Srinivas Karthik D                                                |                                                                           | II nd year CSBS       |                                                        |
|                                                              | Second prize                                    | Suriya s<br>Raghul r<br>Sakthi prakash<br>Bharath vikaash                                                                                      |                                                                           | II nd year IT         | Dr.S.Karthiga                                          |
| Student Hackathon on Vision&AI at IITM RP Chennai on 13.12.2 | 5000 Cash Prize                                 | 21C013 Anuvidhya K<br>21C077 Sai Arunaa<br>Varshini N<br>21C070 Prasanna Kumar G<br>21C114 Venkadesh S<br>21C053 Mohammad Quasim DA            | To detect incorrect lifting of the box by each person in the given video. | II nd year CSE        | Dr.R.Leena Sri                                         |
| TNSI 2023 Ideation Camp Final Pitch 29.3.2023                | Hindustan College of Arts and Science , Chennai | 21H002 <b>Antrew Vikas A</b><br>21H044 <b>Santhosh Kmr</b><br>21H048 Shrinivas S                                                               | To maintain oral hygiene for every individual                             | IInd Year CSBS        |                                                        |
|                                                              |                                                 | <b>Adithya S</b><br><b>Sharanya G</b>                                                                                                          | Medigitize                                                                | III yr MECT           | Dr.S.Julius Fusic                                      |
|                                                              |                                                 | Hariharan J R, Praveen Kumar S A, Gopi Sankar M.                                                                                               | Smart ThermoKoel Water Bottle                                             | 4th Year & 8th Sem    | Dr.D.Kavitha                                           |

|                                               |                                    |                                                                                                        |                                                   |                                     |                                    |
|-----------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------|------------------------------------|
| SIH (SMART INDIA HACKATHON) 1ST PRIZE WINNERS | Rs. 1 lakh cash prize, NIT Silchar | Thanush AA<br>Ramyavarshini P<br>Sriram GK<br>Sudharshan R<br>Umamaheshwari<br>Rajashekaran<br>Dilli B |                                                   | III Year CSBS<br><br>III year MECH. | Dr. A Malini                       |
| SIH HARDWARE EDITION                          | RS 50K cash prize Bangalore        | Anto, Sahana shree,<br>Pavithra, jeya prakash,<br>Deepak Rajan Venkata<br>Kishore                      | Electric Vehicle wire harness system              | III year Mechatronics               | Dr. S Julius fusic                 |
| SIH HARDWARE EDITION                          | RS 50K cash prize Delhi            | Harish Subramanian<br>S,Deepihashini<br>K,Devaprasad S,Gopi<br>M,Haritha M ,Ilam Thendral<br>R         | Vertical robotic gunny bag packing and forwarding | III year Mechatronics               | Mr MA Ganesh<br>Dr. S Julius fusic |
| StartUp TN Hackathon 2023                     | First prize with 40K cash award    | Adithya S<br>Sharanya G                                                                                | Portable Doppler system                           | III year Mechatronics               | Dr S Julius fusic                  |
| INNOWAH CHALLENGE 2023 IIT Madras             | FIRST PRIZE with cash award        | Adithya S<br>Sharanya G<br>Sabrina Ashley<br>Nagarajan                                                 | Automatic attendance monitoring system            | III year Mechatronics               | Dr G Kanagaraj                     |
| ISHRAE NATIONAL HACKATHON                     | FIRST                              | Deepihashini K<br>Balachandar P<br>Alagu pariksit A                                                    | Cold storage box                                  | III year and II year Mechatronics   | Dr G Kumaraguruparan               |

### Participation

| EVENT                                                                                                     | TEAM MEMBERS                                      | Title of the Project                                                      | SEM & YEAR                   | Mentors                |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------|------------------------------|------------------------|
| Student Hackathon on Vision&AI at IITM RP Chennai on 13.12.22                                             | 21C037 S Ishvarya<br>21C038 N Jaffar Nisha        | Detecting incorrect lifting of the box by each person in the given video. | II nd year CSE               | Dr. M. K. Kavitha Devi |
| Winners of National Education Day Non-technical events like Debate on E-Learning and traditional learning | Murugappan<br>Shri parvatha varthini T            |                                                                           | Ist Year CSBS<br>Ist year IT |                        |
| Pick your proverb                                                                                         | Dinesh prabhu – I prize<br>Vaishnavi MG –II prize |                                                                           | II nd year CSE<br>I year IT  |                        |
| Picto connect                                                                                             | Dhakshesh T L A- I Prize<br>Pooja V- II Prize     |                                                                           | CSE- II Year                 |                        |



|                                                                             |                                                                                                                                                                      |                             |               |            |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|------------|
| Adzap- Marketing Strategies                                                 | Ishwarya T-I prize<br>Viswa darshan –II Prize                                                                                                                        | Ist year EEE<br>I year CSBS |               |            |
| IITM RP Lab to Market Place Contest<br>Displayed their projects in the Expo | M. Reshma CIVIL<br>S. Ishvarya (CSE)<br>L.S. Vibishek (IT)<br>S. Vishnupriya (ECE)<br>B. Roshini (ECE)<br>Varun (ECE)<br>V. J. Hariharan (IT)<br>B. Karthikeyan (IT) | Build Club Members          |               |            |
| Start Up Project Display                                                    | Harshini Lara A K 21IT040<br>Sivanuja Sivanandam 21IT097<br>Venkatalakshmi B 21IT114                                                                                 | Retinal disorder predictor  | II nd Year IT | Dr.K.V.Uma |

### PATENTS

| TEAM MEMBERS                                                                     | Title                                  | SEM & YEAR      | Mentors                |
|----------------------------------------------------------------------------------|----------------------------------------|-----------------|------------------------|
| Devaprasad and Niranjana raaj                                                    | Automatic wheel chair                  | IIIrd Year Mect | Dr.Julius Fusic S MECT |
| Devaprasad and Sharanya G                                                        | Automatic toy robot                    | III year Mect   | Dr.Julius Fusic S MECT |
| Aishwarya kj, Muthaiah , Jayshree, Gopi                                          | Automatic stitching machine            | III year Mect   | Dr.Julius Fusic S MECT |
| L.S. Vibishek (IT)                                                               | Smart Delivery Box                     | Final Year IT   | Ms.R.Parkavi , IT      |
| Roobini devi , Sathya sri, viswanath                                             | Agriculture Robot for vertical farming | Final year Mect | Dr S Julius fusic      |
| Mr. Parthasarathy Seshadri<br>Mr. Bagavat Perumaal<br>Mr. Mohammed Sohail Sheikh | Solar Powered Patio Umbrella System    | Final Year EEE  | Dr. B Ashok Kumar      |
| Mr. Parthasarathy Seshadri<br>Mr. Bagavat Perumaal<br>Mr. Mohammed Sohail Sheikh | Spherical Ball Assisted Pen Mouse      | Final Year EEE  | Dr. B Ashok Kumar      |

### Consultancy Projects – Student Coordinators

| Projects | TEAM MEMBERS                                                        | Title                                                           | SEM & YEAR  | Faculty In-charge                |
|----------|---------------------------------------------------------------------|-----------------------------------------------------------------|-------------|----------------------------------|
| 1        | Deepak Karthikeya (IT)<br>Hari Krishnan<br>Manoranjan<br>Sri Ganesh | Mobile Application Development for jawahar Enterprises, Madurai | Rs. 25000/- | Dr.S.Karthiga &<br>Dr.Akila Rani |

|   |                                                                                                 |                                                                   |              |                                                       |
|---|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------|-------------------------------------------------------|
| 2 | Logeshavan (IT) ,<br>Akil Arasath ,<br>Suganthi,<br>Natarajan,(DS)<br>Amritha (Data<br>Science) | Web Based Interactive Application for<br>Ruby foods Manufacturing | Rs.40,000/-  | Dr.S.Karthiga<br>Dr.Chandra Kumar<br>Mr.P.Manoj Kumar |
| 3 | Thirumalai, Sree<br>Ram(IT)                                                                     | SVP Laser Technologies                                            | Rs. 75,000/- | Dr.A.M.Abirami &<br>Dr.S.Karthiga                     |

#### **EDC Office Bearers**

- 1.CEO – Sri Krishna, ECE
- 2.Vice President – Preetham Meenakshi, MECT
3. Ashok Kumar - CSBS
4. Vishwanath N - CSE
5. Roshan Jose A J - CSE
6. Harini S - CSE
7. Vishal G K - CSE
8. Elanchezhiyan V - CSE
9. Karuna Sagar - CSBS
10. Balaji Arighant - CSBS
11. Srihari - MECT
12. Thirumalai - IT
13. Sai Siddarth - MECH
14. Aadithya - MECH
15. HariHaran V J - IT
16. Vetrivel - MECH
17. Ismail - MECT
18. Varun Balaji – CSE
19. Venkadesh S – CSE
20. Gokul Badrapan – CSE
21. Abhinav –ECE
22. Nithin Krishna – MECT
23. Matheshwara - ECE