





# ANNUAL REPORT

## ACADEMIC YEAR 2021-22

# CENTRE FOR INNOVATION, INCUBATION AND ENTREPRENEURSHIP DEVELOPMENT



### Centre for Innovation, Incubation and Entrepreneurship Development

Incubation is a unique and highly flexible combination of business development processes, infrastructure and people, designed to. nurture and grow new and small businesses by supporting them through early stages of development and change. The concept of innovation and entrepreneurship are two separate phenomena, albeit intertwined to a great extent

### Vision

To create a world class, self-sustaining business incubation centre & innovation ecosystem that will nurture knowledge based, socially relevant ventures creating economic impact on people in the regional state & nation at large.

### Mission

Committed to nurture and support creativity, innovation and entrepreneurship for establishment and growth of technology, to meet the social obligations and economic growth of the community.

### **Objectives**

- Entrepreneur centric system
- Spirit of innovation, collaboration and entrepreneurship
- Stimulate culture of innovation, creativity, business process and product design knowledge
- Support and accelerate the development of innovations into prototype products with emphasis on societal impact and market demand.



### **MEMBERS**

### FACULTY MEMBERS:

S. No.	Name of the Faculty Member	Designation	Department
1	Dr. K. RAVI KUMAR	Professor	MECH
2	Dr. P. SREELATHA	Associate Professor	BME
3	Dr. K. S. ELANGO	Associate Professor	CIVIL
4	Dr. R. DHARMARAJ	Associate Professor	CIVIL
5	Dr. E. NAKKEERAN	Associate Professor	CHEMICAL
6	Dr. T. SIVAKUMAR	Associate Professor	CSE
7	Dr. S. SAMPATHKUMAR	Assistant Professor (SI. G)	EEE
8	Dr. S. ARIVAZHAGAN	Assistant Professor (SI. G)	MECH
9	Mr. P. ARUNKUMAR	Assistant Professor (Sr. G)	BME
10	Mr. S. SATHEESH KUMAR	Assistant Professor (Sr. G)	ECE
11	Dr. R. SUBRAMANIYAN	Assistant Professor (Sr. G)	PHYSICS
12	Mr. D. MOHANKUMAR	Assistant Professor	MECH

### LIST OF EVENTS CONDUCTED FOR THE ACY 2021-22:

Event No	Date	Type of Event	Title of the Event
1	23.07.2021	Webinar	Budding Entrepreneurs
2	21.08.2021 & 22.08.2021	Panel Discussion & Debate	World Entrepreneurs day
3	03.09.2021	Startup	Inauguration of EQUBZ
4	04.09.2021	Seminar	Investment Avenues in Stock Market
5	8.10.2021 & 9.10.2021	Project contest	INNOVSENSE 2021
6	26.11.2021	Awareness programme - Seminar	National level Awareness Programme (e- NLAP) on Entrepreneurship (As a part of Azadi Ka Amrit Mahatsav)
7	30.12.2021	Field Visit	Field Visits to Pre-incubation units such as Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc
8	22.01.2022	Video lecture series	Session on Entrepreneurial leadership and culture
9	04.02.2022	Webinar	Session on Opportunities in Agri Business
10	05/02/2022	Seminar	Startup Avenues in Industrial Automation
11	11.02.2022	Webinar	Marketing Skills and Promotion of Small and Medium Scale Enterprise
12	12.02.2022	Webinar	Journey from Student to Employee to Employer
13	19.02.2022	Webinar	Achieving Problem-Solution Fit & Product- Market Fit
14	22.02.2022	Workshop	Workshop on Design Thinking, Critical thinking and Innovation Design
15	24.02.2022	Webinar	Session on Startup Initiatives

Event No	Date	Type of Event	Title of the Event
16	26/02/2022	Conference – Innovative Project Review	Pitching Event for PoCs developed & linkage with Innovation Ambassadors for mentorship support
17	01.03.2022	Workshop	Workshop on Entrepreneurship Skill, Attitude and behaviour development
18	05.03.2022	Seminar	A session on lessons learnt from Entrepreneurs
19	12.03.2022	Guest Lecture	Modern Innovation in Entrepreneurial Sector
20	15.03.2022	Field Visit	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre
21	15.03.2022	Internal Project Contest	Internal Hackathon 2022
22	18.03.2022	Webinar	Business Model Canvas (BMC)
23	25.03.2022 & 26.03.2022	Workshop	A Session on Entrepreneurship and Marketing Strategies
24	31/03/2022	Webinar	Session on "How to Plan for Startup and Legal & Ethical Steps"
25	01.04.2022	workshop	Workshop on Intellectual Property Rights (IPRs) and IP management for start up
26	01.04.2022	seminar	A Session on Entrepreneurship Challenges and Opportunities in Construction Industry
27	08.04.2022	webinar	Identity Management in Digital World: Young Entrepreneurs Perspective
28	12.04.2022	Webinar	Webinar on, "Strategies for copyright management of learning strategies"
29	19.04.2022	Webinar	Startup Opportunities on Batteries for Electric Vehicles
30	20/04/2022	Workshop	Workshop on "Prototype/Process Design and Development - Prototyping"
31	22.04.2022	Celebrations	Tree Plantation Drive 2022 – To Commemorate World Earth Day

Event No	Date	Type of Event	Title of the Event
32	26.04.2022	Seminar	World Intellectual Property Day
33	27.04.2022	Top-up Lecture	Work with 5s from a startup's perspective
34	30.04.2022	Interactive Session	Startup Opportunities in Cyber Security
35	30.04.2022	Seminar	Innovation - A Key tool for Entrepreneurs
36	05.05.2022	Guest Lecture	Science, Technology and Innovation towards Entrepreneur
37	06.05.2022	Project Exhibition	INNOVSENSE - 2022
38	11.05.2022	Project Contest	Innovative Project Contest 2022 owing to the celebration of National Technology Day
39	24.05.2022	Webinar	Webinar on, "Design Thinking, Critical Thinking and Innovation Design"
40	30.05.2022	Webinar	Skillset for Successful Start-up

ACY 2021 -22 Event No. 1 2 Date : 23.07.2021 Venue : Online Level of the Event : College Level Type of Event : Webinar : Budding Entrepreneurs Title of the Event In Association with : CIIED Resource Person 1 Er. Karthik. M. Manikandan, Founder, GT Holidays Pvt. Ltd, : Convener : Dr. S. Ramachanddran, Head / CIIED Dr. R. Dharmaraj, Head / EDC : Dr. T. Sivakumar, Associate Professor / CSE Co-convener: : Faculty 3 : No. of Internal **Research Scholars** 1 Participant (Count) Students : 15

The programme was organized by the Entrepreneurship Development Cell (EDC) in association with CENTRE FOR INNOVATION, INCUBATION AND ENTREPRENEURSHIP (CIIE), so as to make the students on the aware of the Entrepreneur Journey.

**Er Karthik M Manikandan, Founder, GT Holidays Pvt. Ltd,** addressed students by sharing his experience as an Entrepreneur Journey. He has shared is education details and his family heritage which motivated him to become an Entrepreneur. He also informed the students about the importance of reading books to become an entrepreneur and success in the business & profession.

- 1. Founders at work by Jessica Livingston
- 2. The Secret by Rhonda Byrne
- 3. Art of Start by Guy Kawasaki

4. You are a Badass at Making Money by Jen Sincero

He mentioned that a person's manner/character is the average manners/characters of the five persons around him/her.



### **KPR Institute of Engineering and** Technology



in association with Center for Innovation Incubation

Entrepreneurship Development

Organizes Webinar on

# **Budding Entrepreneurs**

Join us on 23.07.2021 at 3.00 P.M Google Meet: hxt-feyj-ksg

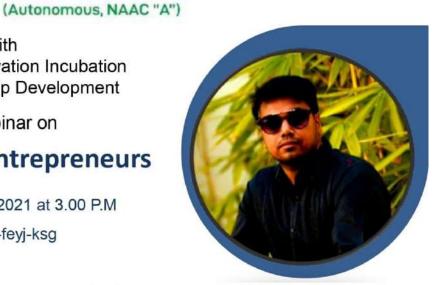
### Convenors

Dr.S.Ramachandran Head/CIIED Dr.R.Dharmaraj Head - EDC

Co-ordinator

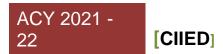
Dr.T.Sivakumar - AsP/CSE

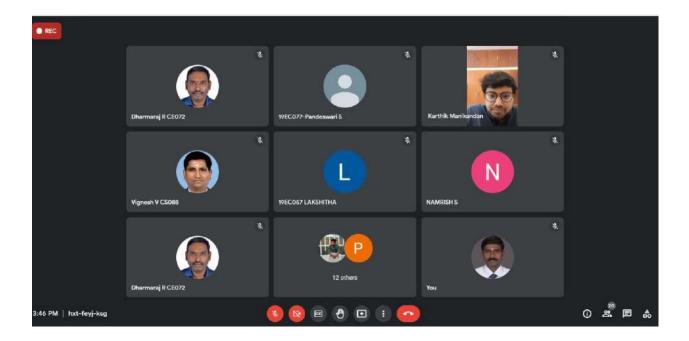
Contact: +91 9894712519



Er.Karthik.M Manikandan GT Holidays Private Limited, Chennai.





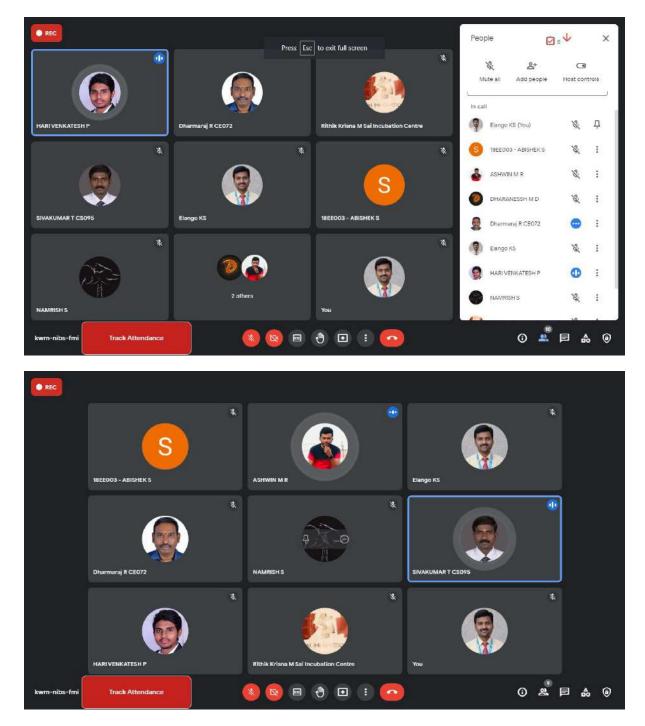


Event No.	:	2
Date	:	21.08.2021 & 22.08.2021
Venue	:	Online
Level of the Event	:	College Level
Type of Event	:	Panel Discussion & Debate
Title of the Event	:	World Entrepreneurs day
In Association with	:	CIIED
Resource Person 1	:	Er. Karthik M. Manikandan, Founder, GT Holidays Pvt. Ltd,
Resource Person 2	:	
Convener	:	Dr. R. Dharmaraj, Associate Professor/Civil
Co-conveners	:	Dr. T. Sivakumar, Associate Professor/CSE
	:	Faculty : 8
No. of Internal Participant (Count)		Research Scholars :
		Students : 12

In view of World Entrepreneurs day, Institutions Innovation Council (IIC) in association with Centre for Innovation, Incubation Entrepreneurship Development (CIIED) has organized a series of events

Panel discussion has been arranged for young budding entrepreneurs on 21.08.2021. During the discussion, they made their self introduction among the members. Also, they have discussed their plan and road map to become successful entrepreneurs. Dr.V.Vignesh - IIC Coordinator, Dr.K.S.Elango - IIC Coordinator, Dr.R.Dharmaraj, Head - Entrepreneur Development Cell and Dr.T.Sivakumar, Member – CIIED coordinated the students. They have also collected the expections of the students from the Institute to support their growth as a Entrepreneur.

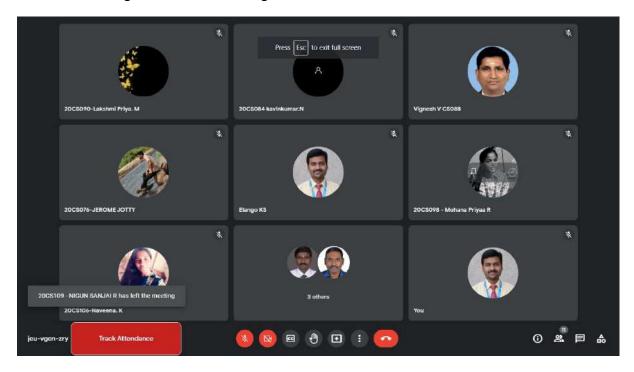




In view of World Entrepreneurs day, Institutions Innovation Council (IIC) in association with Centre for Innovation, Incubation Entrepreneurship Development (CIIED), **Debate** event has been between young budding entrpreneurs and placement willing students on 22.08.2021.

### ACY 2021 -22 [CIIED]

During the discussion, healthy conversations and arguments have been shared by the students. Students have discussed the advantages and disadvantages aspects in both the fields. Dr.V.Vignesh – IIC Coordinator, Dr.K.S.Elango - IIC Coordinator, Dr.R.Dharmaraj, Head – Entrepreneur Development Cell and Dr.T.Sivakumar, Member – CIIED have coordinated the students and gave suggestions to handle the challenges as a entrpreneur/employee. In additions, suggestion relate to various business processes including legal issues, finance and resource problems, difficulty finding clients and building a network, challenges with growing the business, ethical dilemmas, personnel management, and time management have been given.



Event No.	:	3
Date	:	03.09.2021
Venue	:	KIC
Level of the Event	:	College Level
Type of Event	:	Inauguration of startup
Title of the Event	:	Inauguration of EQUBZ @ KIC
In Association with	:	
Resource Person 1	:	Mr. S. Sasidharan, EQUBZ
Resource Person 2	:	Mr. G. Kumaran, EQUBZ
Convener	:	Dr. K. Ravi Kumar, Professor/Mech
Co-conveners	:	Dr. D. Surendran, Professor/CSE



# ACY 2021 - [CIIED]

EQUBZ Founded by Mr. Sasidharan S and Mr.G.Kumaran, EEE student of 2017-2021 batch, develops new innovative batteries that can play a major role in future automotive Industry. Dr. K. P. Ramasamy, Chairman, KPRIET motivated the startup by providing seed funding of 3 lakhs to meet the operational requirements and further developments



Event No.	:	4			
Date	:	04.09.2021			
Venue	:	Thanam Hall			
Level of the Event	:	College Level			
Type of Event	:	Seminar			
Title of the Event	:	Investment Avenue	s i	n Stock Market	
In Association with	:	CIIED			
Resource Person 1	:	Thiru.P.N.Radhakris Advisory Services	shi	nan FAC, Share Broking and	
Resource Person 2	:				
Comune		Dr. C. Domoskouddr			
Convener	•	Dr. S. Ramachanddr	an,	Director / CIIED	
Co-conveners	:	Dr. R. Dharmaraj, He	ead	/ EDC	
	:	Faculty	:	55	
No. of Internal		Research Scholars	:		
Participant (Count)		Students	:	4	

Others

:



The programme was organized by the Entrepreneurship Development Cell (EDC) in association with CENTRE FOR INNOVATION, INCUBATION AND ENTREPRENEURSHIP (CIIED), so as to think the students on generating innovative ideas.

Thiru.P.N.Radhakrishnan FAC, Share Broking and Advisory Services, Coimbatore, addressed faculty by sharing his experience as an Entrepreneur. He also informed the faculty about the benefits of Fixed Deposits, Mutual Funds, Recurring Deposits, and Stocks. He also discussed Financial Assets, Real Assets and passive income.

The faculty raised their queries which were cleared by the resource person. Total of 55 faculty members attended the programme.

#### Key note addressing:

- 1. long term or short term investments
- 2. Investment Alternatives
- 3. Investment Avenues







Event No.	:	5				
Date	:	08.10.2021 and 09.10.2021				
Venue	:	Kalaiarangam				
Level of the Event	:	College Level				
Type of Event	:	Innovative campus project contest				
Title of the Event	:	Innovsense 2021				
In Association with	:	-				
Resource Person 1	:					
Resource Person 2	:					
Convener	:	Dr. K. Ravi Kumar, Professor, Mech				
Co-conveners	:					
	:	Faculty	:	47		
No. of Internal		Research Scholars	:			
Participant (Count)		Students	:	210		
		Others	:			
	:	Faculty	:			
No. of External Participant (Count)		Research Scholars	:			
		Students	:			

:

The innovative spirit of KPR Institute of Engineering and Technology sparkles with the creative calibre of the students showcased in the Innovsense 2021, an Intra- collegiate project contest. The two- day contest was organised from 8.10.2021 to 9.10.2021 at the college premises where a total of 47 projects were registered and 45 projects were exhibited for evaluation. The event was organised by the Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) of KPRIET.

Outcome

#### ACY 2021 -

22

On 9.10.2021, the Chief Guest, Mr. Thirumoorthy Rangasamy, Director of Projects, Cognizant Technology Solutions, Coimbatore, reviewed the projects exhibited by students from interdisciplinary departments. During his Chief Guest address, he deliberated on the creative, communicative and cognizant skills to be enhanced by students of engineering colleges and congratulated the winners for their creative and innovative ideas. He also stressed on the vitality of innovation and illustrated its significance on future through real-time examples. During the Q&A session, the students clarified their queries related to advanced technological trends in the forthcoming years. The Principal of KPRIET, Dr. M. Akila presided over the function and Dr. A.M. Natarajan, Chief Executive felicitated the gathering.

The 47 exhibits were characterised under three heads namely Best idea, Best innovation and Best feasibility. The jury members for the contest were Mr. K. Illamurugan, CEO, La Choco Foods and Amusement System; Mr. S. Saravana Kumar, Sr. Manager Productions, V Guard Industries Ltd.; Mr. S. Akilan, Assistant Manager, Project and Finance, V – Guard Industries, Ltd.; Mr. S. Muthusaravanan, Associate Head, Training & Development, Roots Industries; Mr. G. Sivasankaran, Technical Specialist, HCL Technologies. A total of 9 projects were awarded a cash prize of worth 3 lakhs to the students. Out of the 9 noteworthy projects, 5 qualifying and dynamic projects were nominated for developing as start-up projects in the KPRIET incubation centre. The contest opened the threshold of creative and skill based learning for the students to explore the world that are yet to discover.













	ED
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Event No.	:	6		
Date	:	26.11.2021		
Venue	:	Ragam Hall		
Level of the Event	:	Regional		
Type of Event	:	Awareness program	ne	- Seminar
Title of the Event	:			<b>ess Programme (e-NLAP) on</b> a part of Azadi Ka Amrit Mahatsav)
In Association with	:	MSME - Coimbatore		
Resource Person 1	:	Coimbatore 3) Mrs. B. Kayalvizhi,	ies h - A:	s, Trichy MSME Development Institute, ssistant Directors, Branch - MSME
Resource Person 2	:	·		
Convener	:	Dr. K. Ravi Kumar, P	rof	essor, Mech
Co-conveners	:			
No. of Internal Participant (Count)	:	Faculty Research Scholars Students Others	::	10 400
No. of External Participant (Count) Outcome	:	Faculty Research Scholars Students	:	

Ministry of Micro, Small and Medium Enterprises, MSME Development Institute, Coimbatore and Centre for Innovation Incubation and Entrepreneurship development @ KPR Institute of Engineering and Technology, Jointly organized "SAMBHAV" National level Awareness Programme (e-NLAP) on Entrepreneurship as a part of Azadi Ka Amrit Mahatsav.

The programme was presided by Mr. M. Palanivel, Joint Director, Branch - MSME Development Institute, Coimbatore. Mrs. B. Kayalvizhi, Mr.B. Rajendran, Assistant Directors , Branch - MSME Development Institute, Coimbatore were also part of the event. Motivational Video – Film A, Video on schemes of MSME, Video on success stories developed by MSME were presented. Members of MSME presented the various avenues for entrepreneurship and the support rendered by MSME.

Mr.Tamzhinian, Founder, CEO FRIGATE Technologies, Trichy was the chief guest. He shared the success story of becoming an entrepreneur. He also shared on the innovative products developed in their organization.





Ministry of Micro, Small and Medium Enterprises Branch MSME Development Institute, Coimbatore

and

KPR Institute of Engineering and Technology Centre for Innovation Incubation and Entrepreneurship Development

Jointly organises

#### SAMBHAV

National level Awareness Programme (e-NLAP) on

### Entrepreneurship

(As a part of Azadi Ka Amrit Mahatsav)

Register @ https://forms.gle/aYx73pbdecLgG6CAA

26 November 2021

🕒 11.00 am to 1.00 pm

() Ragam Hall

Join us on Zoom https://bit.ly/3DH504m Meeting Id : 89693657728 Passcode : VISION

Contact: 9994157654 | office.ciied@kpriet.ac.in









22	[CIIED]					
	_					
Event No.	: 7					
Date	: 30.12.2021					
Venue	: Pampa Nadhi Water Supply, Singanallur, Coimbatore					
Level of the Event	: College Level					
Type of Event	: Field Visit					
Title of the Event	Field Visits to Pre-incubation units such as Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc					
In Association with	: CIIED					
Resource Person 2	I : -					
Convener	: Dr. K. S. Elango, AssociateProfessor/Civil					
Co-convener:	: -					
No. of Internal	: Faculty : 3					
Participant (Count)	Research Scholars :					
	Students : 54					

"Pampa Nadhi Water Supply" is passionately engrossed in this occupation of manufacturing, since 1995. The firm is a sole proprietor owned entity which is headquartered at Coimbatore, Tamil Nadu. The spectrum of products which the industry deals includes manufacture and fabrication of water jar, water bottle and many more. Industry is facilitated by highly efficient R&D department that support to get precise idea about the mounting market requirements. The conception of this philosophy is derived from the core objective of the company – 'To Contribute to the Society'. Adhering to this philosophy, the Company balances its business and manufacturing activities with its impact on the communities and people at large. Recognizing their responsibility towards their people, passionately, the company strives to attain progress and development of society through its operational activities. Students were visited and gathered more knowledge about the fabrication process and the Automation involved were cleaning of water cans, filling of water cans, label fixing and packing of 20/30 bottles in a cover. Finally Finished goods are packed and are sealed where production batch no is embossed for its future verification required

ACY 2021 -





INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative) Learn Beyond (Autonomous, NAAC "A") Avinashi Road, Arasur, Coimbatore.

### INSTITUTION'S INNOVATION COUNCIL

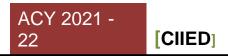
in association with Centre for Innovation Incubation Entrepreneurship Development (CIIED) organizes

### **Field Visit-Fabrication Unit**

IIC Theme Activity : Field Visits to Pre-incubation units such as Fab lab, Makers Space, Design Centres, City MSME clusters, workshops etc

Date: 30.12.2021









Event No.	:	8		
Date	:	22.01.2022		
Venue	:	Online		
Level of the Event	:	College Level		
Type of Event	:	Video lecture series		
Title of the Event	:	Session on Entrepreneurial leadership and culture		
In Association with	:	CIIED		
Resource Person 1	:	Mr. T. Sathish Kumar, Managing Director, Milky Mist Dairy Food Private Limited, Erode		
Convener	:	Mr. N. Udhayakumar, Head Ignitrron		
Co-convener:	:	-		
No. of Internal Participant (Count)	:	Faculty:5Research Scholars:Students:		

Entrepreneurship Development Cell (EDC) in association with Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) organizes video lecture series among students to create awareness about Entrepreneurial leadership and culture. As a part of video lecture series, motivational speech video of Mr.T. Sathish Kumar, Managing Director, Milky Mist Dairy Food Private Limited, Erode had been selected and showcased among the students. In the video, guest had explained to the participants on how to improve their entrepreneurship leadership skills. Also he had explained the possible struggles during staring of new business and how to overcome the same. He had also explained the procedures for registering a company in MSME. At the end of the session, a brief interaction session had been arranged among the students and faculty members for doubts clarification.









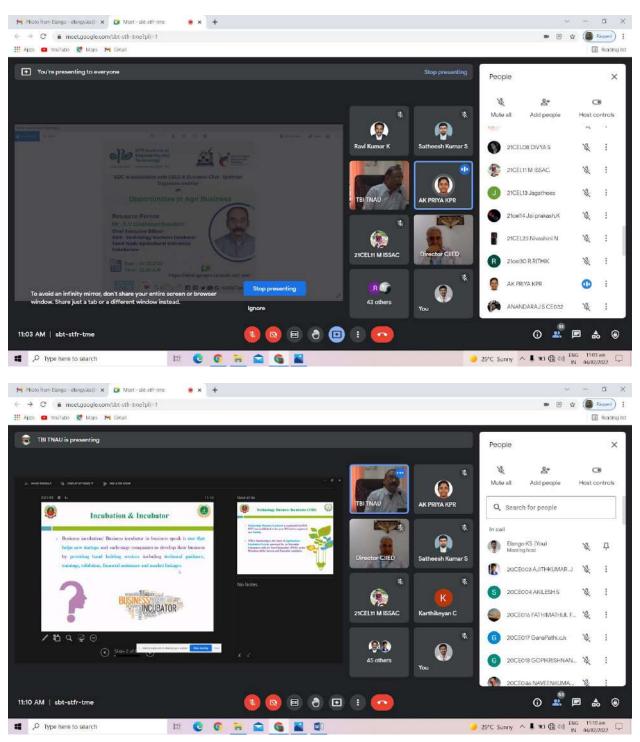
Event No.	:	9
Date	:	04.02.2022
Venue	:	Online
Level of the Event	:	College Level
Type of Event	:	Webinar
Title of the Event	:	Session on Opportunities in Agri Business
In Association with	:	CIIED & Business Club-Ignitrron
Resource Person 1	:	Mr.A.V.Gnanasambandham, Chief Executive Officer, ABIS- TBI Tamilnadu Agricultural University, Coimbatore
Convener	:	Dr. K. S. Elango, Associate Professor/Civil
Co-convener:	:	-
No. of Internal Participant (Count)	:	Faculty:4Research Scholars:Students:

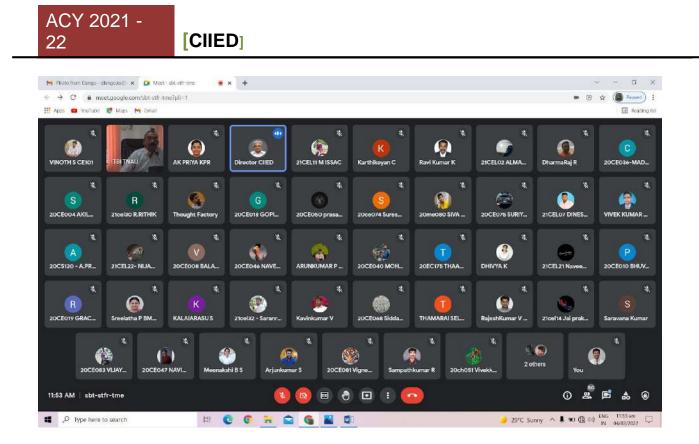
A session on "Opportunities in Agri Business" was arranged with Mr.A.V.Gnanasambandham, Chief Executive Officer, ABIS-TBI Tamilnadu Agricultural University, Coimbatore as resource person. He explained on various opportunities in agricultural field that includes areas as diverse as science, engineering, finance, marketing, and exporting. Careers in those areas have expanded as the production and processing of food and fibre had become more specialized and technological. He elaborately explained on the incubation facilities available in Tamilnadu Agricultural University and the opportunities available to use the same. He has also discussed points related to MSME. Career opportunities in agri business includes Farm management specialist for agricultural extension, Agricultural policy specialist for public organization, Farm manager, Farm bureau executive, Grain merchandiser, Commodity trader, International and domestic grain trader, Price / risk manager in commodity marketing firm etc. The session was very useful for the participants and at the end of the session participants have asked various queries regarding agri business and speaker had cleared all the queries. The session was very interesting and informative.











ACY 2021 -22 Event No. 10 : : 05/02/2022 Date Venue : Thanam Hall, KPRIET, Coimbatore Level of the Event : College Level Type of Event : Seminar Title of the Event : Startup Avenues in Industrial Automation In Association with : CIIED Resource Person 1 : Mr. S. Kavin Pradeep, Marketing director, 4K Technologies Dr. K .Ravi Kumar, Professor/Mech : Convener Co-convener: : : Faculty : 6 No. of Internal **Research Scholars** • Participant (Count) : 127 Students

The Department of Mechanical Engineering in Association with Centre for Innovation, Incubation and Entrepreneurship Development organized Seminar on "Startup Avenues in Industrial Automation" on 05.02.2022(Saturday) at Thanam Hall between 2.00 pm and 3.30 pm. 127 students from I year Mechanical Engineering attended the session.

Dr.K.Ravi Kumar, Professor, Department of Mechanical Engineering addressed the gathering and presented about startup and its essentials and startup culture in India.

Mr.S.Kavin Pradeep, Marketing director,4K Technologies, KPRIET Incubation Center presented about fundamentals of Industry 4.0 and startup opportunities in Industry 4.0.

All the participants actively listened and clarified their doubts after the presentation.







Centre for Innovation, Incubation and Entrepreneurship Development (CIIED)



## Startup Avenues in Industrial Automation









ACY 2021 -22 Event No. 11 : : 11.02.2022 Date Venue : Online Level of the Event : College Level Type of Event : Webinar Marketing Skills and Promotion of Small and Medium Scale Title of the Event Enterprise In Association with : ECE Mr.Mouneshwar Kalaikumar, Director- Fuzionest Private : Limited, Founder - TEQTA, Ava Kids, CocoPuree Air, **Resource Person 1** Coimbatore Convener : Dr. S. Ramachanddran, Head / CIIED : Mr. S. Satheesh Kumar, Assistant Professor(Sr.G)/ECE Co-convener: Faculty : 5 : No. of Internal **Research Scholars** Participant (Count) Students : 130

Mr.Mouneshwar Kalaikumar, Director- Fuzionest Private Limited, Founder - TEQTA, Ava Kids, CocoPuree Air, Coimbatore was the Chief Guest of the event. Mr.S.Satheesh Kumar Assistant Professor (Sr.Grade) and Department Coordinator- CIIED proposed the presidential address and welcomed the guest. He addressed all the streams of Engineering Students of KPRIET and more than 130 members have participated in this event both online & offline mode. Along with the HoD and faculty members of the various engineering departments, CIIED members had attended the event. Title of the session on 'Marketing Skills and Promotion of Small and Medium Scale Enterprise'. The webinar mainly focused on marketing practice of Small and Medium Scale Enterprises (SME) in India. The specific key learning objectives are ; to highlight the strategic importance of SMEs in economic development of any economy; to sketch the patterns of Government support programmes for development of SMEs and Past Empirical Studies of SMEs performance in India; to highlight the importance SMEs for survival and continued growth of Indian Economy; to highlight the impact of environmental factors on marketing practice of SMEs; to establish the extent to which marketing practice of SMEs in India conforms with marketing principles and functions. The Indian marketing environment presents features that are guite different from the developed economies and even guite different from other developing countries.. He clarified all the doubts which has been interrogated by all the young entrepreneurs of KPRIET. Mr.S.Satheesh Kumar - Department Coordinator/CIIED conveyed the vote of thanks for the event.









Centre for Innovation, Incubation and Entrepreneurship Development in association with Department of Electronics and Communication Engineering organizes

a webinar on

## "Marketing Skill and Promotion of Small and Medium Scale Enterprise"



Resource Person

Mr. Mouneshwar Kalaikumar Director - Fuzionest Private Limited Founder - TEQTA, Ava Kids, CocoPuree Air Partner - Beyond Infinity Media, Coimbatore

11<sup>th</sup> February 2022

🕙 11.00 am

🞑 Google Meet

Professor & Head - ECE, KPRIET

Dr. M. Kathirvelu

https://meet.google.com/xgw-avwd-oiu

Convenors Dr. S. Ramachandran Professor & Head - CIIED, KPRIET

Coordinator Mr.S.Satheesh Kumar Assistant Professor (Sr.G), ECE, KPRIET



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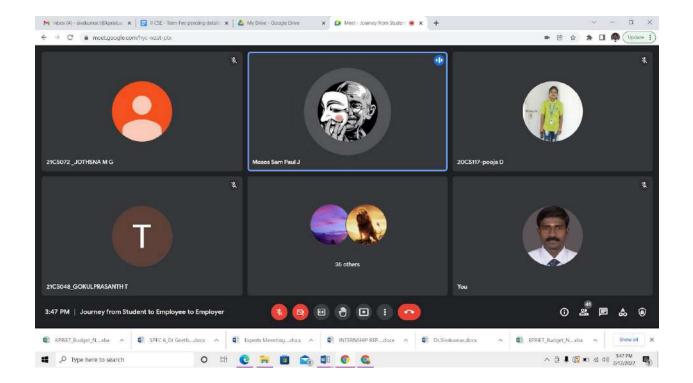
ACY 2021 -22 : 12 Event No. : 12.02.2022 Date Venue : Online Level of the Event : College Level Type of Event : Webinar Title of the Event : Journey from Student to Employee to Employer In Association with : CIIED Resource Person 1 : Mr.Moses Sam Paul, Co-founder - GoD LLP, Bangalore : Dr. A. C.Sumathi, Professor, Head / CSE Convener Dr. T. Sivakumar, Associate Professor/CSE Co-convener: : Faculty : 5 No. of Internal **Research Scholars** • Participant (Count) Students : 40

Ms.D.Pooja from 2<sup>nd</sup> Year CSE delivered the welcome address and Dr T Sivakumar, Associate Professor/CSE introduced the speakers to the audience. Further, Mr.Moses Sam Paul initiated the session from his journey from student life to employee as TCS & Microsoft as a Software Engineer and System Engineer respectively. The shared is experience at National University of Singapore while studying Masters in Public Policy. Again his journey starts as an employee at Heptagon, Bangalore. From 2019, as an Employer, Mr.Sam with his team has built five communities around different skill sets such as Growth Marketing, Soft Skills through Performance Arts, Quantum Computing, Quantum Hardware & Productivity and wellbeing.

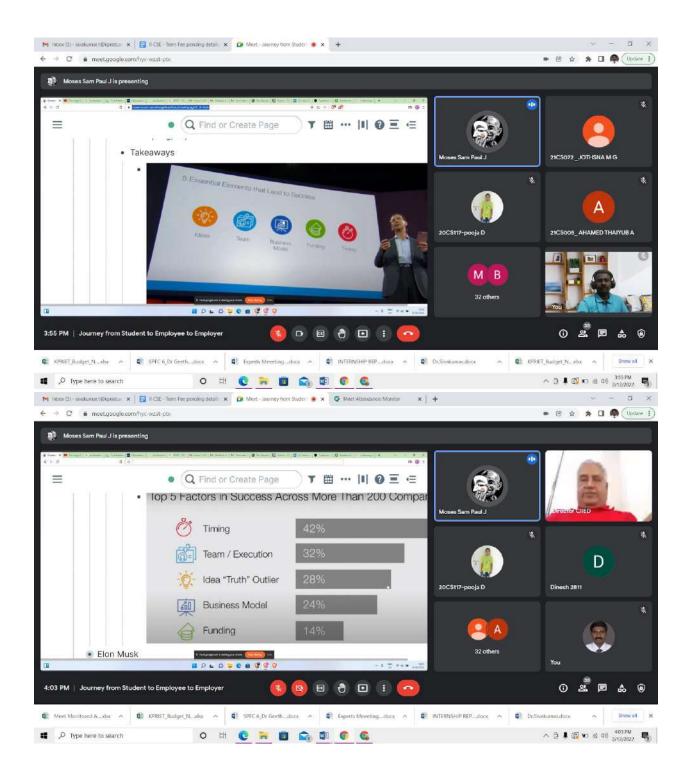
He addressed the top five success factors such as Timing, Team Execution, Idea Truth, Business Model and Funding of any startup. Finally, Ms. A.Pradhusha from of 2<sup>nd</sup> Year CSE concluded the session with Vote of Thanks.



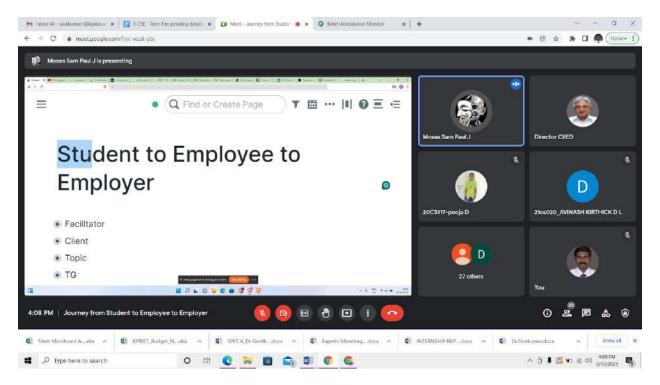












Event No.	:	13		
Date	:	19.02.2022		
Venue	:	Online		
Level of the Event	:	College Level		
Type of Event	:	Webinar		
Title of the Event	:	Achieving Problem-	So	Iution Fit & Product-Market Fit
In Association with	:	CIIED		
Resource Person 1	:	Ms. Preethi P, Freela Times, IIM Bangalore		er, MarketingEx – The Economic
Convener	:	Dr. A. C.Sumathi, Pro	ofe	ssor, Head / CSE
Co-convener:	:	Dr. T. Sivakumar, Ass	500	ciate Professor / CSE
No. of Internal Participant (Count)	:	Faculty Research Scholars	:	2
		Students	:	19

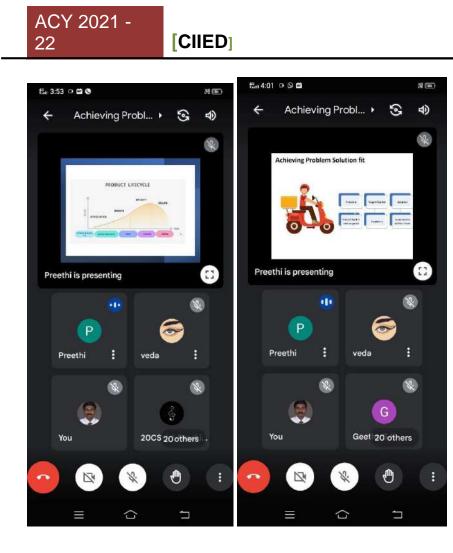
Ms. A.Pradhusha from 2<sup>nd</sup> Year CSE delivered the welcome address and further she introduced the speakers Ms.P.Preethi to the audience. Further, Ms.T. Preethi initiated the session from her academic background and experience at Intel and The Economic Times. She shared the academic learning at IIM Bangalore which provides an opportunity to work at The Economics Times.

Ms.P.Preethi addressed the life cycle of any product with respect to time and sales. She explained the process of achieving problem solution-fit and product market-fit with the case study on online ordering and delivery model of food, and goods. She addressed the growth of paytm during the demonetization.

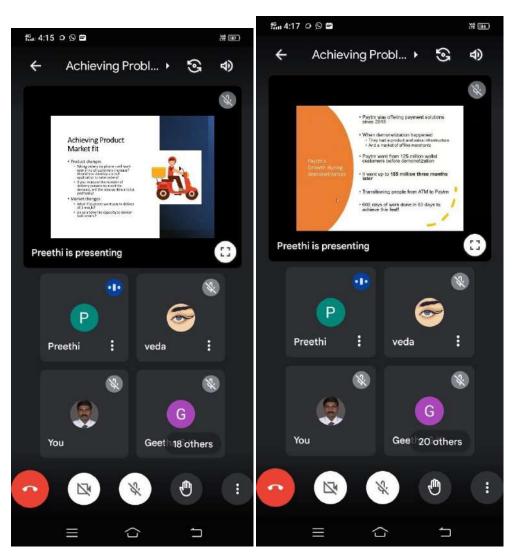
Finally, Dr.T.Sivakumar, Associate Professor/CSE concluded the session with Vote of Thanks.



ACY 2021 -







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Event No.	:	14
Date	:	22.02.2022
Venue	:	Online
Level of the Event	:	College Level
Type of Event	:	Workshop
Title of the Event	:	Workshop on Design Thinking, Critical thinking and Innovation Design
In Association with	:	ECE
Resource Person 1	:	Mr.D.Ram Nivasumar, Design Innovation and Technology Expert, Assistant Professor, Department of ECE, KPRIET, Coimbatore
Convener	:	Dr. S. Ramachanddran, Head / CIIED Dr. M. Kathirvel, Professor, Head/ ECE
Co-convener		Mr. S. Satheesh Kumar, Assistant Professor(Sr.G)/ECE
No. of Internal Participant (Count)	:	Faculty : 3 Research Scholars :

Students

Mr.D.Ram Nivasumar, Design Innovation and Technology Expert, Assistant Professor, Department of ECE, KPRIET, Coimbatore was the Chief Guest of the event. Mr.S.Satheesh Kumar Assistant Professor (Sr.Grade) and Department Coordinator- CIIED proposed the presidential address and welcomed the guest. He addressed all the streams of Engineering Students of KPRIET and more than 120 members has participated in this event. Along with the HoD and faculty members of the various engineering departments, CIIED members had attended the event. Title of the session is Workshop on Design Thinking, Critical thinking and Innovation Design. The workshop mainly focused on solving problems by prioritizing the consumer's needs above all else. It relies on observing, with empathy, how people interact with their environments, and employs an iterative, hands-on approach to creating innovative solutions. He also provided numerous exercises to the participants to make them understand how to think critical and innovate new ideas. Design thinking minimizes the uncertainty and risk of innovation by engaging customers or users through a series of prototypes to learn, test, and refine concepts. Design thinkers rely on customer insights gained from real-world experiments, not just historical data or market research. He clarified all the doubts which has

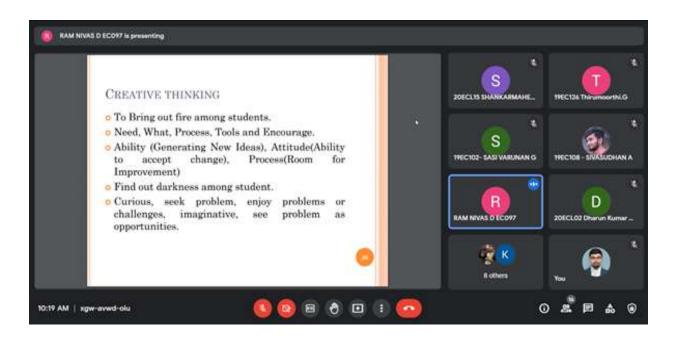
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been interrogated by all the young entrepreneurs of KPRIET. Mr.S.Satheesh Kumar – Department Coordinator/CIIED conveyed the vote of thanks for the event.

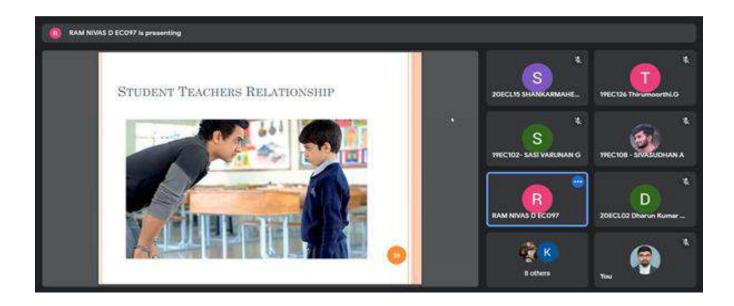












Event No.	:	15
Date	:	24.02.2022
Venue	:	Online
Level of the Event	:	College Level
Type of Event	:	Webinar
Title of the Event	:	Session on Startup Initiatives
In Association with	:	ECE
Resource Person 1	:	Mr. Rithik Krishna, Founder & Chief Executive Officer, Sai Innovations, Tirupur
Convener	:	Dr. S. Ramachanddran, Head / CIIED Dr. M. Kathirvel, Professor, Head/ ECE
Co-convener	:	Mr. S. Satheesh Kumar, Assistant Professor(Sr.G)/ECE
No. of Internal Participant (Count)	:	Faculty : 4 Research Scholars : 100

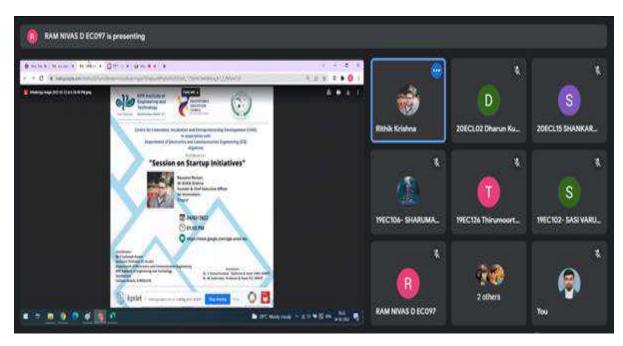
Students

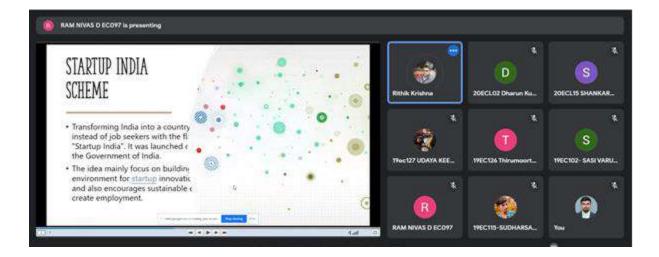
Mr.Rithik Krishna, Founder & Chief Executive Officer, Sai Innovations, Tirupur was the Chief Guest of the event. Mr.S.Satheesh Kumar Assistant Professor (Sr.Grade) and Department Coordinator- CIIED proposed the presidential address and welcomed the guest. He addressed all the streams of Engineering Students of KPRIET and more than 100 members has participated in this event. Along with the HoD and faculty members of the various engineering departments, CIIED members had attended the event. Title of the session on 'Startup Initiatives' and spoke about the importance of early stage in startups. He also focussed mainly on Business Model Canvas, Talent Pool and Fund Raising. Startup Initiatives are established to connect startups with the business resources they need and provide them with opportunities for growth. The webinar intended to support the entrepreneurs, building a robust startup ecosystem and transforming young India into a country of job creators instead of job seekers. He also focused on Scalable startups, Small business startups, Lifestyle startups, Buyable startups, Big business startups and Social startups. He also highlighted the "Industry-Academia Partnership and Incubation" Startup India initiative where the Union Ministry of Human Resource Development has announced plans for the development of "Research Parks" to be created in partnership with higher education providers across India. He clarified all the doubts which has been interrogated by

all the young entrepreneurs of KPRIET. Mr.S.Satheesh Kumar – Department Coordinator/CIIED conveyed the vote of thanks for the event.



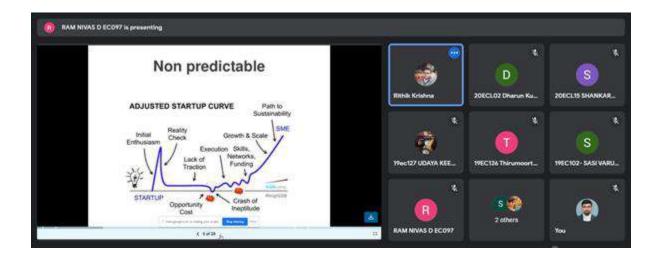








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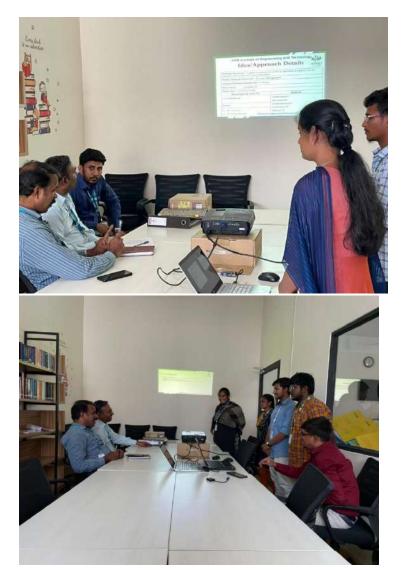
Event No.	:	16
Date	:	26/022021
Venue	:	Individual Departments, KPRIET
Level of the Event	:	College Level
Type of Event	:	Conference – Innovative Project Review
Title of the Event	:	The pitching event review is to follow up the innovative ideas among the KPRIET Students. The projects presented must be useful for the campus.
In Association with	:	ECE
Resource Person 1	:	Mr.Rithik Krishna, Founder & Chief Executive Officer, Sai Innovations, Tirupur
Convener	:	Dr. S. Ramachanddran, Head / CIIED
Co-convener	:	Dr. M. Kathirvel, Professor, Head/ ECE
No. of Internal Participant (Count)	:	Faculty: 4Research Scholars:
		Students : 100

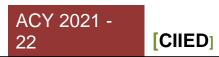
The innovative spirit of KPR Institute of Engineering and Technology sparkles with the creative calibre of the students showcased in the Innovsense 2021 (Pitching Event for Ideas Scouted & linkage with Innovation), an Intra- collegiate project contest. The event was organised by the Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) of KPRIET in the month of October 2021. The projects selected and rewarded from the contest are taken into consideration and are selected to register as startups with the support from the institution.

As a follow up to the event CIIED planned to investigate the ideas and review the process flow from the students, the projects are reviewed in the respective departments monitored by respective heads and project in charges supported by CIIED faculty team members.

The projects are reviewed and the ideas are taken into account to convert it into prototype for the campus usage. Further, the projects are submitted for the events of national and international importance.





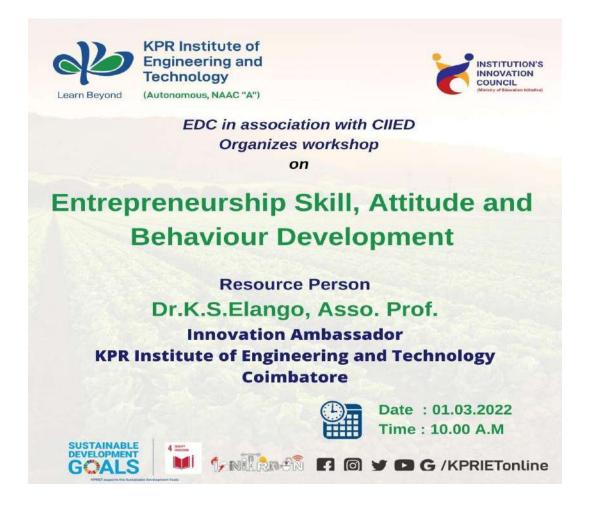






Event No.	: 17
Date	: 01.03.2022
Venue	: KPR Institute of Engineering and Technology, Coimbatore
Level of the Event	: College Level
Type of Event	: Workshop
Title of the Event	<ul> <li>Workshop on Entrepreneurship Skill, Attitude and behaviour development</li> </ul>
In Association with	: CIIED
Resource Person 1	Dr. K. S. Elango, Innovation Ambassador of KPR Institute of Engineering and Technology, Coimbatore
Convener	: Dr. K. Ravikumar, Professor/MECH
Co-convener	: -
No. of Internal Participant (Count)	: Faculty : 4 Research Scholars : Students : 42

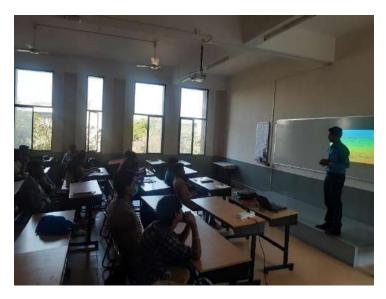
Workshop on Entrepreneurship Skill, Attitude and behaviour development was organized by Entrepreneurship development cell in association with Centre for Innovation. Incubation and Entrepreneurship development (CIIED) on 01.03.2022. The main aim of this event is to develop Entrepreneurship Skill, Attitude and behaviour development among students that would give an idea for their startup and business. Dr.K.S.Elango, Innovation Ambassador of KPR Institute of Engineering and Technology, Coimbatore, gave a brief lecture about the list of skills to be developed by young entrepreneurs. He has also covered the attitude and behavioral development for entrepreneurs. In general Entrepreneur development is the process of improving the skills and knowledge of entrepreneurs and enhancing the capacity to develop, manage and organize a business venture by considering the risks involved in it. The different kinds of behaviour attitude of entrepreneurs include the attitudes, behaviors and cognition of entrepreneurs: rebels with a cause, Ingenuity of enterprising individuals, Rebels with a cause, Forging a new road. Successful entrepreneurs will have skills such as he must be able to effectively communicate, sell, focus, learn, and strategize. An ability to continuously learn is not just a key entrepreneurial skill, but also a very valuable life skill. Furthermore, in simplest form, entrepreneurial behaviour can be defined as a set of behaviours that an individual exhibits which allows them to innovate and/or improve upon existing ideas to market a product or service effectively in a competitive market.









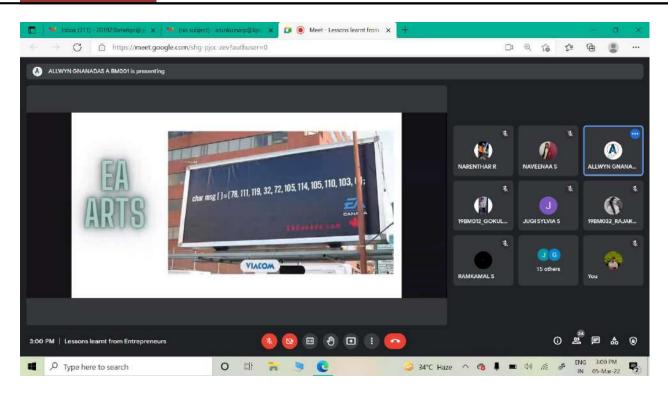




ACY 2021 - 22	[CIIED]	
Event No.	: 18	
Date	: 05.03.2022	
Venue	: III year ChE classroom	
Level of the Event	: Online Mode	
Type of Event	: Seminar	
Title of the Event	A session on lessons learnt from Entrepreneurs	
In Association with	: -	
Resource Person	Mr. A. Allwyn Gnanadas, Assistant Professor (SrG), KPRIET,	
Convener	: Mr. P. Arunkumar, Assistant Professor(Sr.G) / BME	
Co-convener	:: -	
No. of Internal Participant (Count)	: Faculty : 2 Research Scholars : Students : 30	
	Students : 30	

The Department of Biomedical Engineering organized a session on " A session on lessons learnt from Entrepreneurs " on 05.03.2022 to indulge the procedure to follow to be a successful entrepreneur. The session was addressed by Mr.Allwyn Gnanadas, Assistant Professor (SrG), Biomedical Engineering. He has explained the various stages and step involved in the progress of an entrepreneurship. He also expressed his ideas and his own experience with the lesson learnt from entrepreneurs and suggested how to get funds for start-ups and how to present proof-of-concept to approach funding agency. About 30 participants has attended and gain knowledge in producing a successful innovation as a step to entrepreneur





Event No.	:	19
Date	:	12.03.2022
Venue	:	III year ChE classroom
Level of the Event	:	College Level
Type of Event	:	Guest Lecture
Title of the Event	:	Modern Innovation in Entrepreneurial Sector
In Association with	:	CIIED
Resource Person 1	:	Mr. B. Karthik, Assistant Manager, Seshasayee Paper and Boards Limited, Pallipalayam, Erode, Tamilnadu
Convener	:	Dr. S. Balasubramanian, Professor, Head / Chemical
Co-convener	:	Dr. E. Nakkeeran, Associate Professor / Chemical
No. of Internal Participant (Count)	:	Faculty:4Research Scholars:Students:

Department of Chemical Engineering, KPR Institute of Engineering and Technology jointly with Centre for Innovation, Incubation and Entrepreneurship Development conducted a Guest Lecture on Modern Innovation in Entrepreneurial Sector. on 12.03.2022 between 2-3 pm for students.

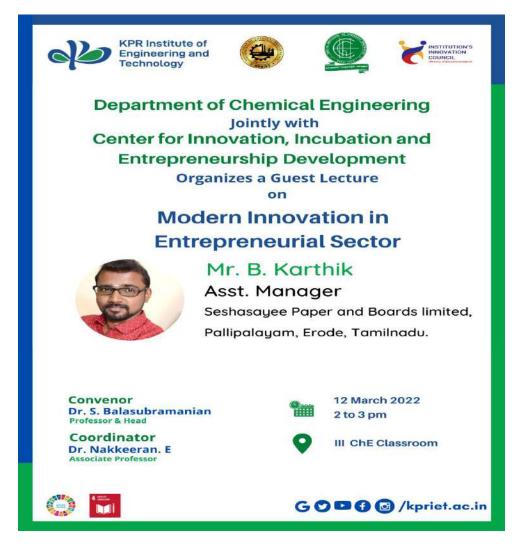
A total of 40 participants attended the program. Resource person for the programme is Mr. B. Karthik, Assistant Manager, Seshasayee Paper and Boards Limited, Pallipalayam, Erode, Tamilnadu Dr. E. Nakkeeran, Associate Professor, Chemical Engineering Department, KPRIET welcomed all the students for the guest lecture and introduced the Resource person to the students. Resource person started his speech from the definition of Innovation and also highlighted all the important innovation aspects related to the topic. The resource person made the students to get motivated in the way that they can participate in the future

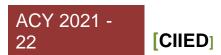
## ACY 2021 -

22

innovation contests. He also highlighted the bridge gap between innovation and entrepreneurial sector and notified how both the sectors helps the society and nation to get developed. He also explained the successful stories of various famous entrepreneurs, how much they struggled in their early stages and how they came out to reach this higher level. At the end of the guest lecture, the students get themselves interacted nicely with the resource person by asking very interesting questions and got cleared their doubts.

The event was organised by the Convener of the programme Dr. S. Balasubramanian, Professor & Head, Chemical Engineering Department, KPRIET and by the Department Coordinator, Dr. E. Nakkeeran, Associate Professor, Chemical Engineering Department, KPRIET.









Event No.	:	20			
Date	:	15.03.2022			
Venue	:	SVA Blue Metals, Coimbatore			
Level of the Event	:	College Level			
Type of Event	:	Field Visit			
Title of the Event	:	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre			
In Association with	:	CIIED			
Resource Person 1	:	-			
Convener	:	Dr. K. Ravi Kumar, Professor/Mech			
Co-convener		-			
No. of Internal Participant (Count)	:	Faculty:4Research Scholars:Students:			

Blue Metals is obtained from specific hard rock (granite) using state-of-the-art technology. Blue Metal is a natural quarry aggregate predominantly used in concrete mixes, as a drainage over aggregate and storm water pipes, or as a back fill material behind retaining walls. Blue Metal is also suitable for pathways, roads, concreting, drainage pits, and drainage filler in pot plants. Crushers are used to reduce the size, or change the form, of waste materials so they can be more easily disposed of or recycled, or to reduce the size of a solid mix of raw materials (as in rock ore), so that pieces of different composition can be differentiated. Crushing is the process of transferring a force amplified by mechanical advantage through a material made of molecules that bond together more strongly, and resist deformation more, than those in the material being crushed do. Crushing devices hold material between two parallel or tangent solid surfaces, and apply sufficient force to bring the surfaces together to generate enough energy within the material being crushed so that its molecules separate from (fracturing), or change alignment in relation to (deformation), each other. The earliest crushers were hand-held stones, where the weight of the stone provided a boost to muscle power, used against a stone anvil. Querns and mortars are

types of these crushing devices. Students were visited and gathered more knowledge about the crushing process and the Automation involved in sieving and gathering of aggregates









Event No.	:	21			
Date	:	15.03.2022			
Venue	:	Legends Hall			
Level of the Event	:	College Level			
Type of Event	:	Internal Project Contest			
Title of the Event	:	Internal Hackathon 2022			
In Association with	:	CIIED			
Resource Person 1	:	Mr. M.Jagadeeswaran, Founder IMIK Technologies, Coimbatore. Mr.S.Manickaraj, Director MELZ Indcosys Solution LLP, Coimbatore			
Convener	:	Dr. K. Ravi Kumar, Professor, Head / CSE			
Co-convener	:	-			
No. of Internal Participant (Count)	:	Faculty:30Research Scholars::Students:91 (Teams) (560 Students)			

Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) organized Internal Hackathon 2022 on 15.03.2022 at Legends Hall. Mr. M.Jagadeeswaran, Founder IMIK Technologies, Coimbatore. Mr.S.Manickaraj, Director, MELZ Indcosys Solution LLP, Coimbatore were the juries of Event. The call for projects for smart India Hackaton was circulated among the students and Dr.K.Ravi Kumar-Professor/Mechanical and Dr.Dharmaraj were assigned as coordinators for organizing the programme. Based on the SIH 2022 announcement totally 91 teams are registered from various departments as below:

S.N 0	Faculty Mentor	Name of Student	Project Theme & PS Number
1.	Dr.N.Yuvaraj	Danushkumar V	Miscellaneous & SS588
2.	Dr.K.R.SriPreethaa	NikitKashyap	Smart Automation & NR1163
3.	GitanjaliWadhwa	Thilaheswaran K K	Smart Education & DR713
4.	G.Jenifa	Shiran C S	Robotics and Drones & AV991
5.	DrS.Sankar Ganesh	Samar K	Smart Automation & PK858
6.	DrS.Sankar Ganesh	William Renaldy. A	Smart Automation & DR702
7.	AllwynGnanadas.A	HemaVarshini B	MedTech/BioTech&RK1125
8.	Sreelatha. P	Kowshika. R	MedTech/BioTech&SM959
9.	PriyaDarshini. B	Sureka. p	MedTech/biotech
10.	AllwynGnanadas.A	ANUSUYA J S	MedTech / BioTech / HealthTech& RK772
11.	P.Arunkumar	BRINDHA V	MedTech / BioTech / HealthTech& RK766
12.	P.Arunkumar	GOKULAPRIYA S	MedTech/Biotech/Healthtech - DA1064
13.	P.Arunkumar	AADITI M	Smart Automation
14.	Dr.T.Gayathri	NITHIN G	MedTech / BioTech / HealthTech TK1052
15.	AllwynGnanadas.A	AARTHI	MedTech / BioTech / HealthTech TK1053
16.	Priyadharshini. B	GAYATHRI KS	MedTech / BioTech / HealthTech TK1053
17.	7. Dr.S.Karunakaran JANANI S W		Agriculture, food tech and rural development
18.	Dr.S.Karunakaran	AAKASH M L	Smart automation AV1235
19.	9. Dr. R. BharathiGanesan Teepaksoorya		Clean and Green Technology - AK1136
20.	Dr. G. Surendran	Ramkumar. K	Agriculture, FoodTech& Rural Development-AU1060

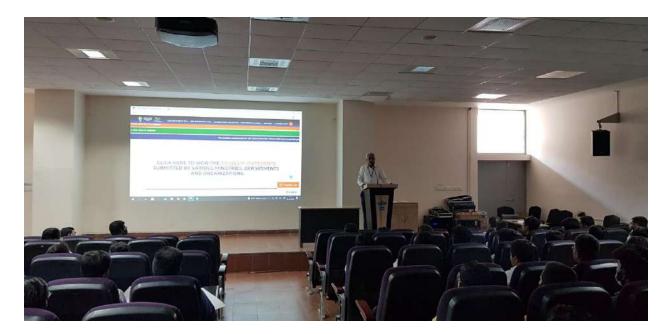
21.	MrMurugesan K		Clean & Green Technology
21.	-	SUGANRAJ A	RK1127
22.	Dr.S.Karunakaran	VARSHA J	MedTech / BioTech / HealthTech RK1125
23.	Mrs. B. S. Meenakshi	AJITH KUMAR J	SS596
24.	Mr. Logeshwaran	ABISHEK E	BV809
25.	Mrs. B. S. Meenakshi	VIJAY B	GR922
26.	Mr. S. Vinoth	JAGATHEESWAR K	SM953
27.	Mr. S. Yuvaraj	Swathika .M	BV807
28.	Mr. S. Yuvaraj	Saranya .R	TK1049
29.	Lt Dr A K Priya	SYLESH S	SM959
30.	Ms. K. Dhivya	Faheem Ahmed A	TK1047
31.	Dr. S. Kanmani	Siddarth	RK978
32.	Mr.D.Vivek	R.Akshay Raj	BV814
33.	Mr. S. Vinoth	K.K.Thitheashwar	SM966
34.	G.Selvakumar	Dharunkumar UP	Travel & Tourism - PK1037
35.	G.Selvakumar	Adhivigneswaran	DR711
36.	G.Selvakumar	Ashwin U	Agriculture, Food tech & Rural development
37.	Ms.J.K.Kiruthika	Rajalakshme.R.S	SG862
38.	Ms.J.K.Kiruthika	Megaranjani.C	NK826
39.	Dr.B.Gomathy	Moulik.M	SS588
40.	Dr.A.Devipriya	SRIRAM P	DR705
41.	Dr. VIDHYA K	Balavashan R S	AI- Whether Analysis

42.	DR.V.VIGNESH	PravinKanth.R	Agriculture, FoodTech& Rural Development PS Number:RK1113	
43.	Dr.V.VIGNESH	PoornaChandar.N	RK775	
44.	Dr.T.Sivakumar	Jeisri.B	eCourts, Department of Justice, Ministry of Law &JusticeNum: AK1209	
45.	Dr.K.Murugan	DHARUNKUMAR W A	Renewable/Sustainable Energy & SM966	
46.	Mr.N.Sathishkumar	Bharathi K	Clean & Green Technology & ML1189	
47.	Ms.M.Supriya	CHARAN S	Smart Vehicles & SM961	
48.	Mr.Balamurali S	Deepak K	Smart Automation & SM956	
49.	Mr.K.VishnuSaravanaBhar athi	POOJA SHREE B	Clean & Green Technology &SM964	
50.	Mr. G. K. JakirHussain	Vibesha T V	Smart Automation & PK860	
51.	Mr.KSaravanan	Sri Shyamnath R K	Smart Automation & NC738	
52.	Ms.A.Reethika	Indudharshini. M	Smart Automation & SM956	
53.	DrKirubakaran S	Aniruth J	Robotics and Drones DA1066	
54.	DrKirubakaran S	DHARANEESHWARAN N P	Smart Vehicles SM961	
55.	Mr.G.Pradeepkumar	MOUNESHWARA G	Smart Automation & NC738	
56.	Dr.J.Muralidharan	Sunshetha K V	Transportation & Logistics AK1137	
57.	Mr.S.Satheesh Kumar	Vinith Kumar S	Fitness and Sports - AK1109	
58.	Mr.D.RamNivas	Sivasudhan A	Robotics and Drones - DA1066	
59.	Dr.VSeethalakshmi	ASWIN M M	RENEWABALE/SUSTAINABLE ENERGY-SM966	
60.	Ms.R.Dhivyadevi	Santhoshkumar K	Smart Vehicles/SK1205	
61.	Ms.S.Chandraprabha	Shwethika JD	Robotics and Drones	
62.	Ms.S.Gunanandhini	Prasada.k	National Disaster Response Force (NDRF) & GS904	

63.	Mr. G. K. JakirHussain	Sachin N	MedTech / BioTech / HealthTech& DK732
64.	Dr.M.Kalamani	Sanjai S A	AK1137
65.	Ms.R.Aswatha	NIRANJAN KUMAR V	Central Water Commission (CWC), Ministry of Jal Shakti, (RK1116)
66.	Dr.J.Prasad	CHIRANJEEVI DK	IoT based Energy Meter
67.	Mr.K.Saravanan	SARATHI M	IoT based Energy Meter
68.	Dr.Arivazhagan S	LALITH K	AGRICULTURE
69.	Mr.T.Shanmugaraja	RAMAKRISHNA RAJA C	Transportation & Logistics SK1205
70.	Mr.T.JAGADESH	RAMAKRISHNA RAJA C	Smart Education & OS871
71.	Dr.P.Pandiyan	J. Janani	Fitness&sports RK779
72.	Prof.C.J.Vignesh	G.Maha Vishnu	Miscellaneous&ST888
73.	Dr.D.Sathish Kumar	JeevaPradeesh.P	MedTech / BioTech / HealthTech& AU1053
74.	Mr.S.Vivekanandan	Muthu Kumar K	Smart Automation & RK761
75.	Mr.S.Vivekanandan	Muthu Kumar K	Blockchain&Cybersecurity& SK794
76.	Dr.A.Matheswaran	MurugavelSuryaa S	Smart Education & DR727
77.	Dr.R.Sampathkumar	Gokul Sri N	Renewable / Sustainable Energy&DR704
78.	C.Dinesh	Manikandan A	SMART EDUCATION&OS871
79.	Mr.V.Kamalkumar	S. SUKANT	RK1116
80.	Ms.R.Revathi	KEERTHI RAGAVENDRAN S	Renewable / Sustainable Energy&DR704
81.	SENTHIL KUMAR C	KEERTHAN G S	AGRICULTURE,FOOD TECH AND RURAL DEVELOPMENT
82.	SENTHIL KUMAR C	HARINI S V	Agriculture, food tech and rural devolpment
83.	B.K.SARAVANAN	DHANUSHH M S	Robotics & Drones & SM963

84.	B.K.SARAVANAN	SURYANARAYANAN K	Robotics & Drones AV991
85.	Dr.S.Dharanikumar	R A Vibin	Student innovation
			& SM960
86.	B.K.SARAVANAN	Thejeshwar M	Student Innovation & SM961
87.	Dr.S.Dharanikumar	Sabaree.R	Student Innovation
88.	Dr.S.Dharanikumar	Pragadeeshwaran S	Smart automation &DA1065
80	Dr M Malzachluman		Smart Automation
89.	Dr.M.Makeshkumar	ZIYAD LATHEEF	(DA1065)
00			Robotics & Drones
90.	Dr.M.Makeshkumar	SASI KUMAR M	GR915
91.	Dr.S.Dharanikumar	MANOJ VK	AGRICULTURE, FOOD TECH AND
91.	DI.S.Dhafallikulliaf	WIANUJ VK	RURAL DEVELOPMENT

An orientation program for the students regarding Smart India Hackathon 2022 was organized on 7.2.2022. Dr.S.Ramachandran- Director (Centre for Innovation Incubation and Entrepreneurship development) and Dr.Ravi Kumar (SPOC - KPRIET) addressed the students on the various aspects of Smart India Hackathon.





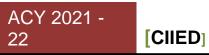


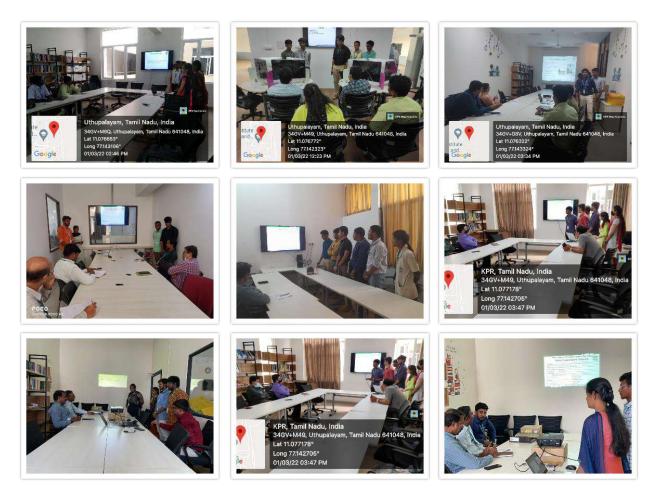
An Internal review committee was nominated to review the project across various department s to evaluate the projects. The details of the review committee is as per the circular below:

nstitute	of Engineering and	Technology	er
			KPR
Cir.No.:	KPRIET/CHED/SH	1/2021-2022/002	Date23.02.202
		Circula	r I
	Smart India H	ackathon 2022 - R	eview Committee and Schedule
			ct review committee members for 22. The schedule for first review is as
S.No	Department	Date	Review Committee Members
1	Al & DS	01.03.2022	Dr. Yuvaraj N / Al & DS Dr. Sri Preethaa K R / Al & DS Dr. Manoj Kumar S/CSE
2	BME	01.03.2022	Dr. Ganeshkumar D / BME Mr. Arunkumar P / BME Dr. Karunakaran S/Chem
3	CHEMICAL	01.03.2022	Dr. Balasubramanian S /Chem Dr. Nakkeeran. E /Chem Dr. Kumar M/Mech
4	CIVIL	01.03.2022	Dr. Anusha G /Civil Dr.Dharmaraj R /Civil Dr. Ravi Kumar K/Mech
5	CSE	28.02.2022 & 01.03.2022	Dr. Sumathi A C /CSE Dr. Sivakumar T /CSE Dr. Sankar Ganesh S/AI & DS
6	ECE	28.02.2022 & 01.03.2022	Dr. Kathirvelu M /ECE Mr. Satheesh Kumar S /ECE Mr. Vivekanandan S/EEE
7	EEE	01.03.2022	Dr. Kumar Chinnaiyan V. /EEE Dr. Sampathkumar R /EEE Dr. Venugopal D/ECE
8	MECHANICAL	28.02.2022	Dr. Ramesh Babu S /Mech Mr. Mohankumar D /Mech Dr. Elango K S/Civil

Director/CHED 28 2 22







# Internal Review by Interdepartmental review committee members

Centre for Innovation, Incubation and Entrepreneurship Development KPR Institute of Engineering and Technology



#### Internal Smart India Hackathon 2022

Date: 14.03.2022

#### Internal Review Schedule

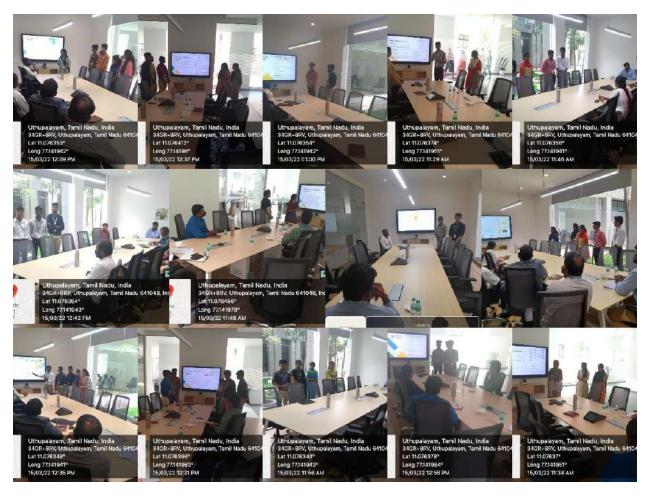
	Evaluate	or 1	Evaluator 2		
S.No	Department	Time	S.No	Department	Time
1	AI & DS	9.30 - 10.30	5	CSE	11.15 – 12.30
2	BME	10.30 - 11.00	6	EEE	12.30 - 1.15
3	Chemical	11.15 - 12.00	7	Mechanical	2.00 - 2.45
4	ECE	12.00 – 1.00	8	Civil	2.45 - 3.30
	Venue: Da	l ffodils		Venue: Pri	mrose
Date	ofreview: 15.0	3.2022			

SIH– Coordinator

Director-CIIED







## Internal Review by Industrial Experts

Based on the Internal Review by Industrial Experts totally 31 teams were shortlisted from various departments

Sl.No	Team Name	Faculty Mentor	Team Head	Project Theme & PS Number	Category (Software/ hardware)
1.	Hexa squad	Dr.N.Yuvaraj	AmirdhaVarshini S	Miscellaneous and SS5 88	Software
2.	The Hex Clan	P.Arunkumar	S.Gokulapriya	MedTech/BioTech/Hea lthTech – DA1064	Hardware
3.	ENFORCER	Lt Dr A K Priya	SYLESH S	SM959	Hardware
4.	Cheminers202 5	Mr. K. Murugesan	Suganraj A	Clean and Green Technology RK1127	hardware
5.	Unwavers	Ms.J.K.Kiruthika	Megaranjani.C	NK826	Software
6.	Schutzengel	Ms.S.Chandraprabha	Shwethika JD	Robotics and Drones	Hardware
7.	Dream Chasers	Mr.A.Mohamed Ibrahim	Suwetha S	Smart Education & DR727	Software

## Smart India Hackathon 2022 Shortlisted Teams

8.	Design Society	Mr.B.K.Saravanan	Imaya Ganesh S	Robotics & Drones AV991	Software
9.	UVIRA	ARIVAZHAGAN S	MADHAVAN S	SM960	Software
10.	The Six Chicks	Prof.C.J.Vignesh	G.Maha Vishnu	Miscellaneous & ST888	Software
11.	AI Aura	Dr. S. Sankar Ganesh	Balamurugan N	Smart Automation & DR702	Software
12.	M-Innovators	B.PriyaDharshini	K S Gayathri	MedTech/BioTech/Hea lthTech& SJ572	Software
13.	TechnoSpartz	Ms.R.Dhivyadevi	Santhoshkumar K	Smart Vehicles/SK1205	Hardware
14.	Intelligencia	Dr.T.Sivakumar	Jeisri.B	Department of Justice, Ministry of Law &JusticeNum: AK1209	Software
15.	S.H.I.L.E.D	Dr.S.Dharani Kumar	Vibin R A	SM960	Hardware
16.	Tech Bot	DrS.Sankar Ganesh	Samar K	Smart Automation & PK858	Software
17.	Astrosquad	Ms. K. Dhivya	Faheem Ahmed A	TK1047	Hardware
18.	Little Sparrow	Vinothkumar S	Thitheaswar K K	SM966	Software

19.	Technoholics	AllwynGnanadas.A	HemaVarshini B	MedTech/BioTech&R K1125	Hardware
20.	Agrospectrum	Karunakaran S	Janani S W	SM960	Hardware
21.	Chem Binders	Dr. G. Surendran	Ramkumar. K	Agriculture, FoodTech& Rural Development-AU1060	Hardware
22.	Inhouse Thunders	Dr.S.Karunakaran	AAKASH M L	Smart automation AV1235	Hardware
23.	Hexa Squad	Mr.P.Suresh	Sanjay S	SM955	Software
24.	Technokrats	Dr.A.Devipriya	SRIRAM P	DR705	Software
25.	Masters	Mr.N.Sathishkumar	Devesh P	Clean & Green Technology & ML1189	Hardware
26.	Innovatorz Squad	Mr.T.Shanmugaraja	Vinayakrishna S	Transportation & Logistics SK1205	Hardware
27.	Amazing Apples	Mr.K.Vishnu Saravana Bharathi	Negashri K	ML1189	Hardware
28.	The Deciders	Dr.P.Pandiyan	J. Janani	Fitness&sports RK779	Software
29.	Helios	Dr.M.Makeshkumar	Sri Sudhan Sn	Robotics & Drones GR915	Software

30.	Alpha	Dr.M.Makeshkumar	ZIYAD LATHEEF	Smart Automation (DA1065)	Hardware
31.	Sci-Kit Samurai's	Dr.K.R.SriPreethaa	NikitKashyap	Smart Automation & NR1163	Software

### **Group Photo - Shortlisted Teams**



ACY 2021 -22 Event No. : 22 : 18.03.2022 Date Venue : Online Level of the Event : College Level Type of Event : Webinar Title of the Event : **Business Model Canvas (BMC)** In Association with : CIIED Mr. Prakash Balasubramanian, Director and Founder aXel IT Resource Person 1 : Solutions. Australia : Dr. A. C. Sumathi, Professor, Head / CSE Convener Dr. T. Sivakumar, Associate Professor/CSE Co-convener : Faculty 3 No. of Internal **Research Scholars** : Participant (Count) : 27 Students

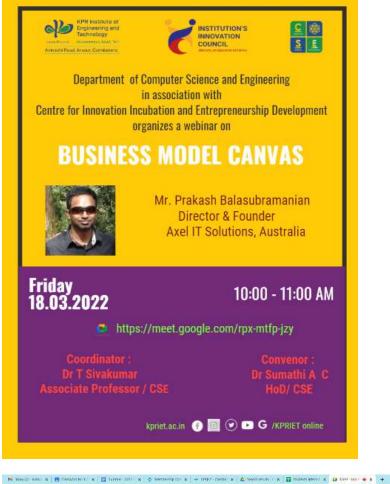
Ms.A.Pradhusha from 2<sup>nd</sup> Year CSE delivered the welcome address and further she introduced the speakers Mr.Prakash Balasubramanian to the audience.

Further, Mr.Prakash Balasubramanian initiated the session from his academic background and experience at IBM and the reason behind to pursue higher studies. He shared the academic learning at Monash University, Melbourne and further the opportunities and situations made him to start a company at Australia.

Mr.Prakash Balasubramanian addressed the following points during his session BMC:

- Notion of Business Model Canvas
- Value Proposition
- Customers and Customer relationship
- Channels
- Activities
- Resources
- Partners
- Cost and revenue

Finally, Dr.T.Sivakumar, Associate Professor/CSE concluded the session with Vote of Thanks.













Event No.	:	23		
Date	:	25.03.2022 & 26.03.2022		
Venue	:	Veena Hall, KPR Institute of Engineering and Technology, Coimbatore		
Level of the Event	:	College Level		
Type of Event	:	Workshop		
Title of the Event	:	A Session on Entrepreneurship and Marketing Strategies		
In Association with Resource Persons	-	CIIED Dr.S.Kanmani, AsP/Civil, KPRIET Mrs.P.Indhiradevi, AP/Civil, KPRIET Ms.S.Bharani, AP/Civil, KPRIET Mr.S.Elavarasan, AP/Civil, KPRIET Mr.B.Karthik, AP/Civil, KPRCAS		
Convener Co-convener	:	Dr .K. S. Elango, Associate Professor/Civil		
No. of Internal Participant (Count)	:	Faculty:3Research Scholars:Students:		

Entrepreneurship Development Cell (EDC) in association with Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) organizes workshop among students to create awareness about Entrepreneurship and Marketing Strategies on Pump sales and service. Speakers

has explained how marketing can begin with effective strategies and how the business can be improved for pumps service and repair. They have also gave interaction about marketing effectiveness is inherently dependent on its ability to target key decision makers. They have also said that whether it's direct mail or a technology-rich online campaign, any initiative that fails to reach decision makers is a waste of time and resources. At the end of the session, a brief interaction session had been arranged among the students and faculty members for doubts clarification.



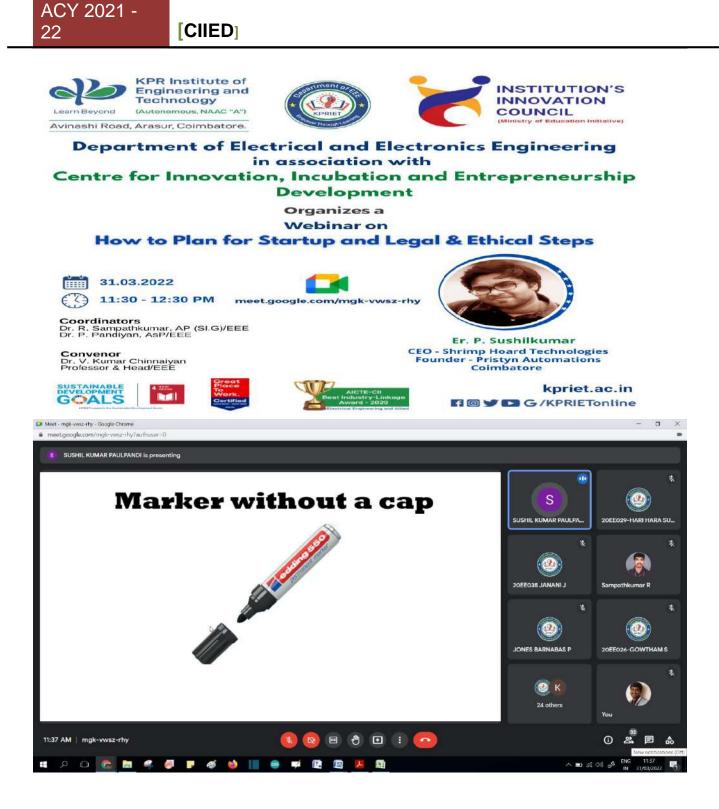


Event No.	:	24
Date	:	31/03/2022
Venue	:	Online
Level of the Event	:	College Level
Type of Event	:	Webinar
Title of the Event	:	Session on "How to Plan for Startup and Legal & Ethical Steps"
In Association with	:	CIIED
Resource Person 1	:	Er. P. Sushil Kumar, CEO – Shrimp Hoard Technologies, Founder – Pristyn Automations, Coimbatore
Convener	:	Dr. V. Kumar Chinnaiyan, Professor, Head/EEE
0		Dr. R. Sampathkumar, Assistant Professor(SI.G)/EEE
Co-convener		Dr. P. Pandiyan, Assistant Professor(SI.G)/EEE
No. of Internal	:	Faculty : 2

:	Faculty	:	2
	Research Scholars	:	
	Students	:	32
	:		Research Scholars :

The department of Electrical and Electronics Engineering in association with Centre for Innovation, Incubation and Entrepreneurship Development organized a webinar on "How to Plan for Startup and Legal & Ethical Steps" on 31.03.2022 open to all, who are keen on startup activities.

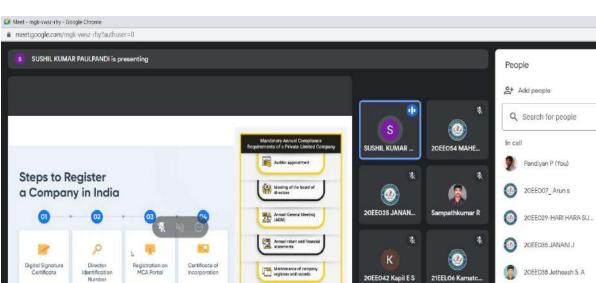
The student Mr. M. Hari Hara Sudhan welcomed the gathering and Associate Professor Dr.P.Pandiyan felicitated the gathering. The resource person Er. P. Sushil Kumar, CEO -Shrimp Hoard Technologies, Founder – Pristyn Automations, Coimbatore deliberated the sessions and gave glimpse about different kind of startup's and new innovations. He was elaborated the legal and ethical steps related to startup ideas. Nearly 32 students have benefited. He shared his own experiences and ignited the students to do the startup. The session was concluded with the vote of thanks delivered by the student Ms. J. Janani.





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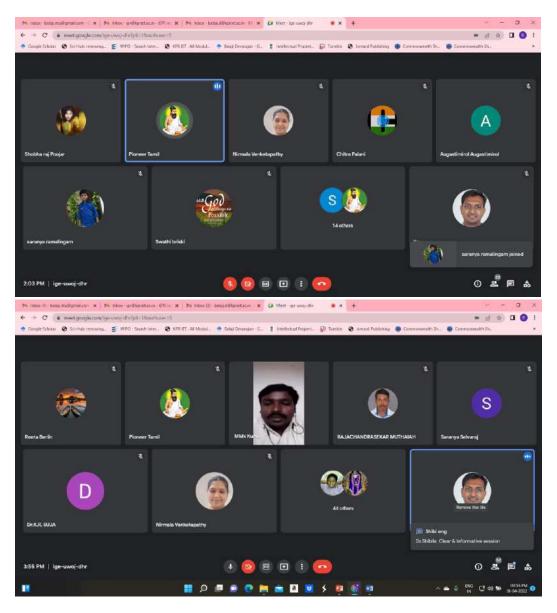
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Event No. : 25		25		
Date	:	01/04/2022		
Venue	:	Online Mode		
Level of the Event	:	College Level		
Type of Event	:	Workshop		
Title of the Event	:	Workshop on Intellectual Property Rights (IPRs) and IP management for start up		
In Association with	:	-		
Resource Person 1	:	Dr.Balaji Devaraj, AP (SL.G), Department of Mechanical Engineering, Head – Centre – IPR, KPR Institute of Engineering and Technology		
Convener	:	Dr. K. Ravi Kumar, Professor/Mech		
Co-convener	:	-		
No. of Internal Participant (Count)	:	Faculty:2Research Scholars:Students:		

Center for IPR associated with center for Research and Development, Institution Innovation Council Organized an awareness "workshop on Intellectual property rights (IPR) and management for startup" on 01.04.2022. Dr.Balaji Devaraj, AP (SL.G), Department of Mechanical Engineering, Head – Centre – IPR, KPR Institute of Engineering and Technology was the resource person for the program. Around 50 participants from various stream, students, research scholars and faculty attended the program and benefitted about Intellectual property rights. Dr. Balaji Devarajan explained about how to boost our thinking ability, variance of IPR and Every startup has IP Rights, which it needs to understand and protect for excelling in its business. Every startup uses trade name, brand, logo, advertisements, inventions, designs, products, or a website, in which it possesses valuable IP Rights. He explained the various types of patent applications, forms used for filing. He also discussed how to do the patent search effectively.







Event No.	:	26		
Date	:	01/04/2022		
Venue	:	Thanam Hall, KPR Institute of Engineering and Technology, Coimbatore		
Level of the Event	:	College Level		
Type of Event	:	Seminar		
Title of the Event	:	A Session on Entrepreneurship Challenges and Opportunities in Construction Industry		
In Association with	:	CIIED		
Resource Person 1	:	Er.T.Thilak Ranjith, Managing Director, Proprietor – T R Associates Coimbatore.		
Convener	:	Dr. K. Ravi Kumar, Professor/Mech		
Co-convener	:	-		
No. of Internal Participant (Count)	:	Faculty:2Research Scholars:Students:		

Institutions Innovation Council (IIC) in association with Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) organizes seminar on Entrepreneurship Challenges and Opportunities in Construction Industry. Er.T.Thilak Ranjith, Proprietor – TR Associates was the resource person for the program. Resource Person has interacted with young budding engineers and he gave more ideas and pathways to face the challenges which can be expected during the beginning stage of the business. He has also given lecture about the searching of opportunities in their business. He motivated the students that, to start the business or to start their entrepreneurship career they should have good attitude. Also, entrepreneur students should have the qualities such as they should be innovator, they should have good ability to organize, they should passionate, should have ability to take risk, should have good decision making and they should have the quality of continuous learners and open to challenges. At the end of the session, a brief interaction session had been arranged among the students and faculty members for doubts clarification.





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Event No.	:	27	
Date	:	08.04.2022	
Venue	:	Online Mode	
Level of the Event	:	College Level	
Type of Event	:	Webinar	
Title of the Event	:	Identity Management Entrepreneurs Perspe	in Digital World: Young ective
In Association with	:	CIIED	
Resource Person 1	:	Ms. M. Hemasree, Cyb	er & IPR Consultant, Chennai
Convener	:	Dr. A. C.Sumathi, Prof	essor, Head/CSE
Co-convener	:	Dr. T. Sivakumar, Asso	ciate Professor/CSE
No. of Internal Participant (Count)	:	Research Scholars :	2 22
No. of External Participant (Count)	:	Faculty:Research Scholars:Students:	1 6

Ms.J.K Kirthika, Assistant Professor of CSE delivered the welcome address and further she introduced the speaker Ms.M.Hemasree to the audience.

Ms.Hemasree addressed the following points during the session:

- 7 types of identity theft and warning signs
- 10 ways identity theft happens and 11 ways to prevent identity theft
- Reporting identity theft and the stages of identity theft reporting
- The best identity theft protection service

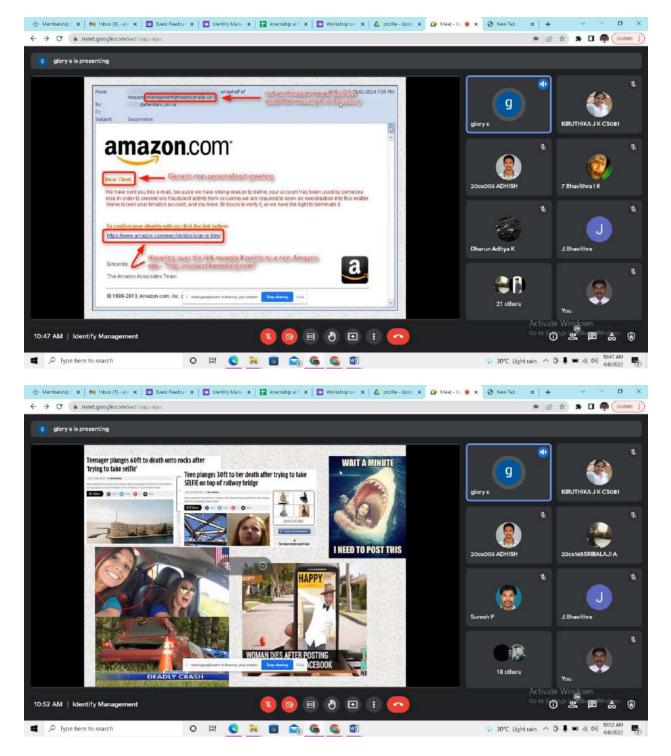
Finally, Dr.T.Sivakumar, Associate Professor/CSE concluded the session with Vote of Thanks.











Event No.	:	28		
Date	:	12.04.2022		
Venue	:	Online		
Level of the Event	:	College Level		
Type of Event	:	Webinar		
Title of the Event	:	Webinar on, "Strategies for copyright management of learning strategies"		
In Association with	:	ECE		
Resource Person 1	:	Mr.T.Jayachandran, Assistant Professor, Department of ECE, Nandha Engineering College, Erode		
Convener	:	Dr. S. Ramachanddran, Head / CIIED Dr. M. Kathirvel, Professor, Head/ ECE		
Co-convener	:	Dr. S. Satheesh Kumar, Assistant Professor(Sr.G)/ECE		
No. of Internal Participant (Count)	:	Faculty:4Research Scholars:Students:		

Mr.T.Jayachandran, Assistant Professor, Department of ECE, Nandha Engineering College, Erode was the Chief Guest of the event. Mr.S.Satheesh Kumar Assistant Professor (Sr.Grade) and Department Coordinator- CIIED proposed the presidential address and welcomed the guest. He addressed all the streams of Engineering Students of KPRIET and more than 120 members has participated in this event. Along with the HoD and faculty members of the various engineering departments, CIIED members had attended the event. Title of the session is Webinar on strategies for copyright management of learning strategies. The objective of this webinar was to give knowledge about various laws that protect owners of IP, mostly in the form of patents, copyrights, and trademarks. She explained very lucidly the concept of Intellectual Property Rights. He highlighted the legal rights that provide creators protection for original work, invention, artistic work, scientific development and so on Mr.T.Jayachandran during his deliberation shared that IPR have to be renewed from time to time for keeping them enforced except in case of copyright and trade secrets. This webinar was highly informative. In short the webinar provided valuable awareness and insight on the various aspects of IPR.. He clarified all the doubts which has been interrogated by all the young entrepreneurs of KPRIET. Mr.S.Satheesh Kumar -Department Coordinator/CIIED conveyed the vote of thanks for the event.









Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) in association with Department of Electronics and Communication Engineering (ECE) organizes

Webinar on

"Strategies for copyright management of learning resources"



Resource Person: Mr.T.Jayachandran Assistant Professor Nandha Engineering College Erode

12/04/2022

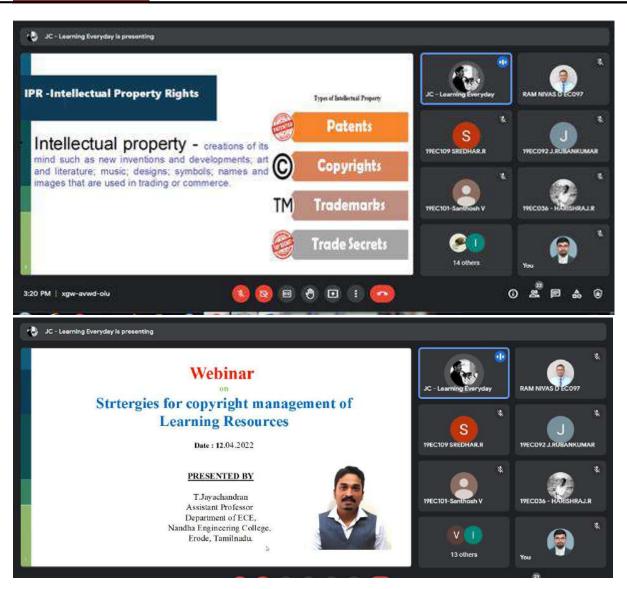
https://meet.google.com/xgw-avwd-oiu

🕑 03:00 PM - 04:00 pm

Coordinator: Mr.S.Satheesh Kumar Assistant Professor (Sr.Grade), ECE, KPRIET Convenors: Dr. S. Ramachandran - Professor & Head- CIIED, KPRIET Dr. M. Kathirvelu - Professor & Head- ECE, KPRIET

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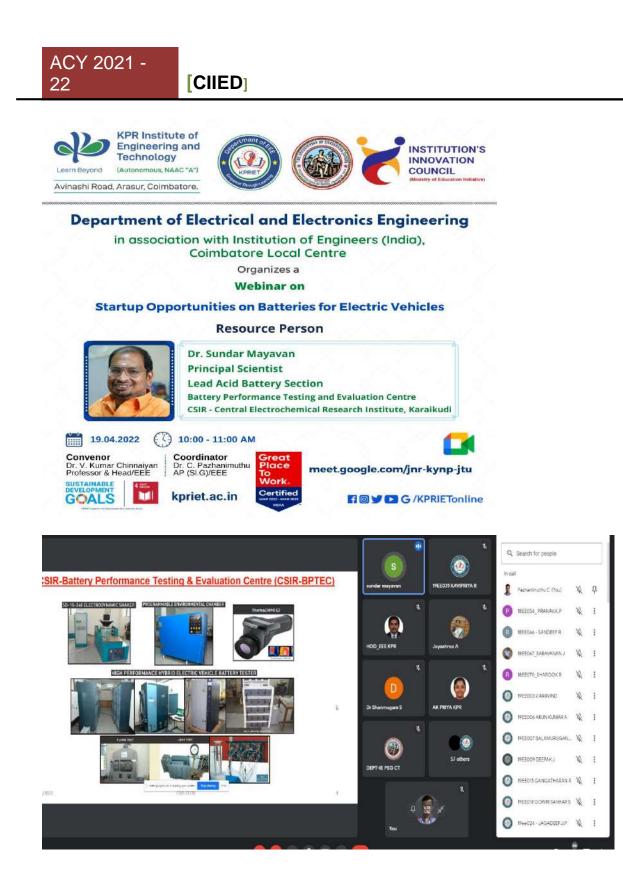


Event No.	: 29
Date	: 19.04.2022
Venue	: Online mode
Level of the Event	: College Level
Type of Event	: Webinar
Title of the Event	: Startup Opportunities on Batteries for Electric Vehicle
In Association with	: IE(India)
Resource Person 1	<ul> <li>Dr. Sundar Mayavan, Principal Scientist, Lead Acid Battery</li> <li>Section, CSIR-Central Electrochemical Research Institute, Karaikudi</li> </ul>
Convener	: Dr. V. Kumar Chinnaiyan, Professor, Head / EEE
Co-convener	: Dr. C. Pazhanimuthu, Professor / EEE
No. of Internal Participant (Count)	: Faculty : 4 Research Scholars : Students : 61
No. of Internal Participant (Count)	: Faculty : 1 Research Scholars : Students : 5

A heart-warming welcome was delivered by Dr.S.Shanmugam, Chairman, IE(I) Coimbatore Local Centre and Presidential address given by Dr.V.Kumar Chinnaiyan, Professor and Head, Department of EEE. Dr.C.Pazhanimuthu, AP (SI.G) has introduced the guest speaker. Dr. Sundar Mayavan, Principal Scientist, Lead Acid Battery Section, CSIR-Central Electrochemical Research Institute, Karaikudi has delivered valuable presentation on

- Batteries
- Electric Vehicles
- Battery Charging and Discharging
- Issues with EV Batteries
- Batteries for Car, Solar Application and Inverters
- Battery Management System
- Startup Opportunities

The resource person shared their wide experience in real time application of batteries and startups. The vote of thanks was delivered by Dr.J.Krishnamoorthi, Honorary Secretary, IE(I) Coimbatore Local Centre. There were 66 participants attended the webinar and get benefited. The department of EEE thanks to the management and IE(I) Coimbatore Local Centre for providing this opportunity to conduct the webinar successfully.



Event No.	:	30
Date	:	20/04/2022
Venue	:	Online (Zoom Meet), Telecasted – Thanam hall, Mechanical Dept
Level of the Event	:	College Level
Type of Event	:	Workshop
Title of the Event	:	Workshop on "Prototype/Process Design and Development - Prototyping"
In Association with	:	CIIED
Resource Person 1	:	Dr. A. Aravindhan, Senior Manager, Manufacturing engineering, Pricol Limited, Coimbatore
Convener	:	Dr. K. Ravi Kumar, Professor/Mech
Co-convener	:	-
No. of Internal Participant (Count)	:	Faculty:4Research Scholars:Students:

The department of Mechanical Engineering in association with Centre for Innovation, Incubation and Entrepreneurship Development organized a Workshop on "Prototype/Process Design and Development - Prototyping" on 20.04.2022 open to all, who are keen on prototyping and related manufacturing technologies.

The event coordinaor Professor Dr. K Ravikumar felicitated the gathering and introcued the chief guest. Following that the resource person Er. A Aravindhan, Senior Manager, Manufacturing engineering, Pricol Limited, Coimbatore deliberated the session and gave glimpse about the process involved in Prototyping from the Industrial perspective. He also engaged the students with active coverage in design of the products based on prototyping requirements.

Nearly 80 students from 3<sup>rd</sup> year Mechanical Engineering attended the session and get benefited from the workshop. The session was concluded with the vote of thanks delivered by the Coordinator Mr D Mohankumar Assistant Professor Mechanical Engineering.





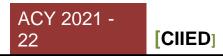






ACY 2021 -22 Event No. : 31 : 22.04.2022 Date Venue : Karumathampatti, Coimbatore Level of the Event : College Level : Celebration Type of Event Tree Plantation Drive 2022 – To Commemorate World Earth Title of the Event Day In Association with : CIIED **Resource Person 1** : -Convener Dr. K. Ravi Kumar, Professor/Mech Co-convener : Faculty : 4 No. of Internal **Research Scholars** Participant (Count) Students : 5 : Faculty 3 No. of External **Research Scholars** : Participant (Count) Students : 12

In view of World Earth Day on 22.04.2022, Tree plantation Drive 2022 has been organized by Institution's Innovation Council. The main aim of this Tree Plantation Drive is to plant more trees in a planned way. It is very necessary for the environment. Trees are the most part of nature. Planting trees in planned way has more environmental benefits such as it cleans air, it improves water quality, saves energy and it also raises real estate values. Also planting trees is vital to maintain a balance in the ecosystem. All living beings are dependent on trees in some way or another. Road or high-way side trees give shade and often save lives from accidents. Tree plantations drives are not only important for towns, it is also necessary to conduct tree plantation drives in villages also. So, tress plantation drives have been encouraged to plant more and more trees in order to maintain a balance in nature.









Tree planting Drive-2022







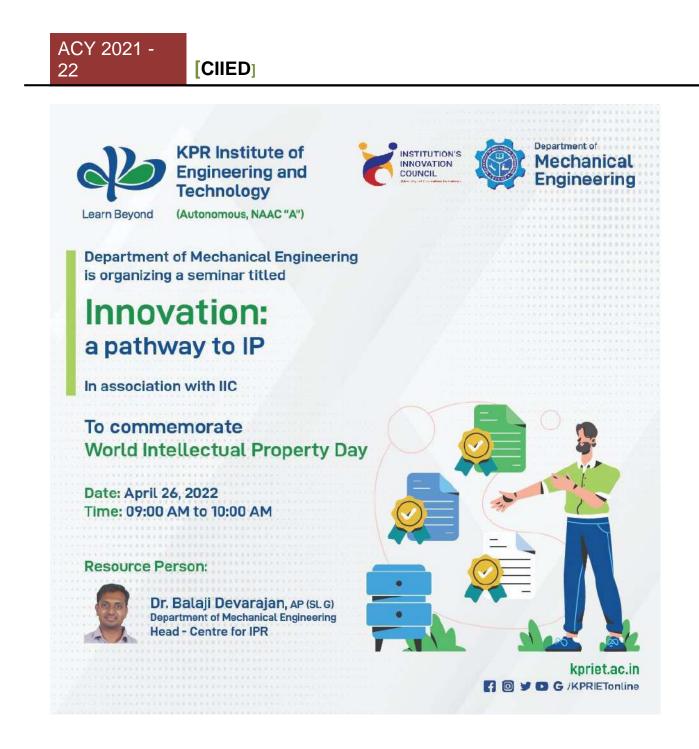


22	IIED]	
Event Ma		
Event No.	: 32	
Date	: 26.04.2022	
Venue	<ul> <li>Mechanical Engineering Block, KPR Institute of Engineering and Technology, Coimbatore</li> </ul>	
Level of the Event	: College Level	
Type of Event	: Seminar	
Title of the Event	Innovation : A pathway to IP	
In Association with		
Resource Person	Dr.Balaji Devaraj, AP (SLG), Department of Mechanical Engineering, Head – Centre – IPR	
Convener	: Dr. K. Ravi Kumar, Professor/Mech	
Contonion		
Co-convener		
No. of Internal Participant (Count)	: Faculty : 3 Research Scholars :	
	Students : 45	

Department of Mechanical Engineering in association with IIC organizes seminar on **Innovation : A pathway to IP** to commemorate World Intellectual Property Day on 26.04.2022. **Dr.Balaji Devaraj,** 

AP (SLG), Department of Mechanical Engineering, Head – Centre – IPR was the resource person for the program. The resource person provided an awareness about Intellectual Property Rights. Initiated with idea generation till IP protection. During discussion many case studies were analyzed, students gave good feedback about the event.

ACY 2021 -









Event No.	:	33
Date	:	27.04.2022
Venue	:	Thanam Hall
Level of the Event	:	College Level
Type of Event	:	Top-up Lecture
Title of the Event	:	WORK WITH 5S FROM A STARTUP'S PERSPECTIVE
In Association with	:	IIC
Resource Person 1	:	Mr. Paalkanna M , Assistant General Manager - Quality Engineering, M/S Janatics India Pvt Ltd, Coimbatore
Convener	:	Dr. S. Ramesh Babu, Professor, Head/ Mech
Co-convener	:	Mr. Deepan, Assistant Professor / MECH

No. of Internal	:	Faculty	:	5
Participant (Count)		Research Scholars	:	
		Students	:	108

Department of Mechanical Engineering and 5S Team in association with Instutute's Innovation Cell IIC organized a Top Up Lecture on Work with 5S from a startup's perspective on 27.04.2022 at Thanam hall. Mr. Paalkanna M, Assistant General Manager -Quality Engineering, M/S Janatics India Pvt Ltd, Coimbatore was the speaker of this session. 5S Coordinators of all the department participated in this event with their nonteaching staff. Totally 108 students of various department including student volunteers from Quality Club participated in this event. In the beginning of the event guest gave detailed explanation about the 5S concepts and he enumerated the practical steps for implementing 5S in an organization. Later he made the session more interesting by having a technical fun game. At last he showed the before and after 5S implementing photos which was taken from his industry. Later program ends with the question and answer session.



## Outcome of the event with relevant PO& PSO mapping (Specify the mapping levels):

- 1. Students able to understand the core theme of 5S principles.
- 2. Students able to implement the 5S practices practically.

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2
										$\checkmark$			







Event No.	:	34
Date	:	30.04.2022
Venue	:	Thanam Hall
Level of the Event	:	College Level
Type of Event	:	Interactive Session
Title of the Event	:	Startup Opportunities in Cyber Security
In Association with	:	-
Resource Person 1	:	Mr. Senthil Velan K.K, Head, Cyber Security – R&D Zacco Cyber Security Pvt. Ltd, Coimbatore
Convener	:	Dr. T. Sivakumar, Associate Professor/ CSE
Co-convener	:	-
No. of Internal Participant (Count)	:	Faculty:5Research Scholars:Students:205

Dr.A.C Sumathi, HoD/CSE delivered the welcome address and further she introduced the speaker Mr. Senthil Velan K.K to the audience.

During the session, Mr Senthil Velan highlighted the evolution, need and scope of cyber security. UNI announced Cyber security as a top problem. Demand - too many threats, too few professionals. The research areas are networking, operating systems, low level programming, cryptography, hand-held devices and WiFi. 64

Skillset requirements: reverse engineering, crypto algorithms, advanced C, Python, OSI layers etc... CTF time.org website for developing hacking skills.

Certifications required: CISA, CISSP, CISM, CEH, GCIH

Finally, Dr.T.Sivakumar, Associate Professor/CSE concluded the session with Vote of Thanks.











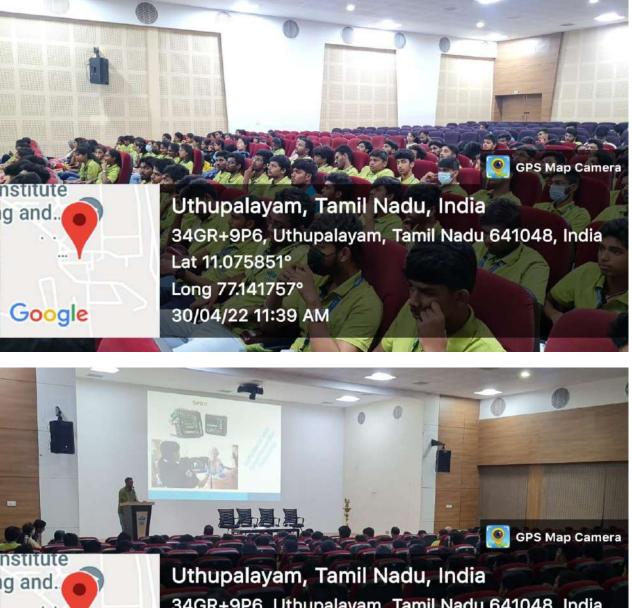


Event No.	:	35
Date	:	30.04.2022
Venue	:	Raagam Hall
Level of the Event	:	College Level
Type of Event	:	Seminar
Title of the Event	:	Innovation - A Key tool for Entrepreneurs
In Association with	:	-
Resource Person 1	:	Mr. Rajesh Dhamodharasamy, Senior Program Manager, Philips
Convener	:	Dr. P. Arunkumar, Assistant Professor(Sr.G) / BME
Co-convener	:	-
No. of Internal Participant (Count)	:	Faculty:4Research Scholars::Students:100

The Department of Biomedical Engineering organized a session on "Innovation – A key tool for Entrepreneurs" on 30.04.2022 to encourage the student mindset in innovation. The session was addressed by Mr. Rajesh Dhamodharasamy, Senior Program Manager, Philips. He has explained the various stages of Innovation with respect to design thinking concept and also narrated the importance of the business model canvas for making successful entrepreneurs. He empathized more on becoming an entrepreneur for make in India concept. He explained the stages involved in entrepreneurship with several examples. About 100 participants has attended including faculty members and gain knowledge in converting their innovative ideas and projects to a successful market ready products with sustainability







Uthupalayam, Tamil Nadu, India 34GR+9P6, Uthupalayam, Tamil Nadu 641048, India Lat 11.075836° Long 77.141734° 30/04/22 11:39 AM

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ACY 2021 -

22

Event No.	36	
Date	05.05.2022	
Venue	KPR Institute of Engineering and Technology, Coimbatore	
Level of the Event	College Level	
Type of Event	Guest Lecture	
Title of the Event	Science, Technology and Innovation towards Entrepre	neur
In Association with	CIIED	
Resource Person 1	Mr. Ajay Koushik, Research Scholar, Department of Chem Engineering, IIT Madras	ical
Convener	Dr. S. Balasubramanian, Professor, Head/ Chemical	
Co-convener	Dr. E. Nakkeeran, Associate Professor / Chemical	
No. of Internal Participant (Count)	Faculty:3Research Scholars:Students:	

Department of Chemical Engineering, KPR Institute of Engineering and Technology jointly with Centre for Innovation, Incubation and Entrepreneurship Development conducted a Guest Lecture on "Science, Technology and Innovation towards Entrepreneur" on 05.05.2022 between 2-3 pm for students.

A total of 45 participants attended the program. Resource person for the programmer is Mr. Ajay Koushik, Research Scholar, Department of Chemical Engineering, IIT Madras Dr. E. Nakkeeran, Associate Professor, Chemical Engineering Department, KPRIET welcomed all the students for the guest lecture and introduced the Resource person to the students. Resource person started his speech from the definition of Science, Technology, Innovation and Entrepreneur and also distinguished the same with salient features. He also highlighted the entire technical scenario related to the topic. He informed the students that the future is now as these innovation skills are needed more than ever in our world with organizations facing disruption from COVID-19 and other forces and hence employees at all



levels need to develop their innovation and technological skills. He specifically explained in detail about the competencies like creativity, critical thinking, communication, strategic thinking, *and* problem solving to find and develop creative solutions for the complex world we live in. He also explained about the Increased emphasis on higher education and life-long learning to make effective use of the rapidly expanding knowledge base that brings Massive investments in research and development, training, education, software, branding, marketing, logistics and similar services. He also highlighted the Intensification of competition between enterprises and nations based on new product design, marketing methods and organizational forms He has showcasted many research studies that includes interesting findings on desirable skills for the future that all employees should strive to possess such skills to become brilliant and successful innovators and entrepreneurs

The resource person highly motivated the students in the way that they can apply their knowledge and research abilities on the way to bring some new innovations in their respective area. Students get themselves interacted nicely with the resource person by asking very fruitful and highly interesting questions and got cleared their doubts.







ACY 2021 - 22	[CIIED]	
Event No.	: 37	
Date	: 06	.05.2022
Venue	: KP	PR Institute of Engineering and Technology, Coimbatore
Level of the Event	: Co	ollege Level
Type of Event	: Pro	oject Exhibition
Title of the Event	: INI	NOVSENSE - 2022
In Association with	: -	
Resource Person	Mr Co : Mr	<ul> <li>P Ranganathan, President, KPR Mills Limited, Coimbatore</li> <li>P Karthikeyan, Manager QC, ECI Systems private limited,</li> <li>bimbatore</li> <li>A. Thanikachalamurthi, Assistant Manager – PLM, Milacron</li> <li>dia Private limited (Mold Masters Division), Coimbatore</li> </ul>
Convener	: Dr	r. K. Ravi Kumar, Professor/Mech
Co-convener	:	
No. of Internal Participant (Count)	Re	iculty : 11 esearch Scholars : udents : 264

The innovative spirit of KPR Institute of Engineering and Technology sparkles with the creative calibre of the students showcased in the Innovsense 2022, an Intra- collegiate project contest. The contest was organised on 06.05.2022 at the college premises where a total of 55 projects were registered and 53 projects were exhibited for evaluation. The event was organised by the Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) of KPRIET.

On 06.05.2022 the Evaluators Mr. P Karthikeyan, Manager QC, ECI Systems private limited, Coimbatore and Mr. A Thanikachalamurthi, Assistant Manager – PLM, Milacron India Private limited (Mold Masters Division), Coimbatore reviewed the projects exhibited by students from interdisciplinary departments. During the Chief Guest address, our chief guest Mr. P Ranganathan, President, KPR Mills Limited, Coimbatore deliberated on the creative, communicative and cognizant skills to be enhanced by students of engineering colleges and congratulated the winners for their creative and innovative ideas. He also stressed on the vitality of innovation and illustrated its significance on future through real-time examples. During the Q&A session, the students clarified their queries related to advanced technological trends in the forthcoming years. Dr. A.Balamurugan, Head CFAC felicitated the gathering.

ACX 2024

A total of 16 projects were awarded a cash prize of worth Rs. 40000 to the students. The contest opened the threshold of creative and skill based learning for the students to explore the world that are yet to discover.















Event No.	: 38	
Date	: 11.05.2022	
Venue	: C- Block, KPRIET	
Level of the Event	: College Level	
Type of Event	: Innovative Project Contest	
Title of the Event	Innovative Project Contest 2022 owing to the celebration National Technology Day	of
In Association with	ECE	
Resource Person 1	Er. Dinesh Ponnusamy, Chief Executive Officer, Sai : Incubations, Coimbatore	
Convener	: Dr. K. Ravi Kumar, Professor/Mech Dr. M. Kathirvel, Professor, Head/ ECE	
Co-convener	: Dr. S. Satheesh Kumar, Assistant Professor(Sr.G)/ECE	
No. of Internal Participant (Count)	: Faculty : 5 Research Scholars : Students : 60	
No. of External Participant (Count)	: Faculty : 4 Research Scholars : Students : 52	

Er. Dinesh Ponnusamy, Chief Executive Officer, Sai Incubations, Coimbatore was the Chief Guest of the event. Mr.S.Satheesh Kumar Assistant Professor (Sr.Grade) and Department Coordinator- CIIED proposed the presidential address and welcomed the guest. He addressed all the streams of Engineering Students of KPRIET and student participants from various institutions. More than 110 members has participated in this event. Along with the

HoD and faculty members of the various engineering departments, CIIED members had attended the event.

The innovative project contest focused on bringing out the true talents of students community and make them to experience the usage of various sensors and equipment to build any innovative project. The evaluators of the event examined all the projects under various domain and provided their valuable suggestions in enhancing the project. Later, the participation certificates and prizes were distributed at Dhanam Hall, KPRIET. Er.Dinesh Ponnusamy addressed the gathering on how to bring the idea of project design as a hobby among student community. He clarified all the queries raised by the young student innovators. Mr.S.Satheesh Kumar – Department Coordinator/CIIED conveyed the vote of thanks for the event.











Event No.	:	39
Date	:	24.05.2022
Venue	:	Online Mode / Physical – Dhanam Hall, KPRIET
Level of the Event	:	College Level
Type of Event	:	Webinar
Title of the Event	:	Webinar on, "Design Thinking, Critical Thinking and Innovation Design"
In Association with	:	ECE
Resource Person 1	:	Dr. S. Arivazhagan, Innovation Officer, KPR Institute of Engineering and Technology, Coimbatore
Convener	:	Dr. K. Ravi Kumar, Professor/Mech
		Dr. M. Kathirvel, Professor, Head/ ECE
Co-convener	:	Dr. S. Satheesh Kumar, Assistant Professor(Sr.G)/ECE
No. of Internal	:	Faculty : 4
Participant (Count)		Research Scholars :
		Students : 170

Dr.S.Arivazhagan, Innovation Officer, KPR Institute of Engineering and Technology, Coimbatore was the Chief Guest of the event, Mr.S.Satheesh Kumar Assistant Professor (Sr.Grade) and Department Coordinator- CIIED proposed the presidential address and welcomed the guest. He addressed around more than 120 Engineering Students of KPRIET, physically and more than 50 members has participated in this event through online. Along with the HoD and faculty members of the various engineering departments, CIIED members had attended the event. Title of the session is Webinar on Design Thinking, Critical Thinking and Innovation Design. The objective of this webinar was to emphasis the need of innovation with design thinking which demands critical thinking because of engineering ideas and shape of any industrial designs. He also discussed about creating the best possible energy mix for the future involves combining the most advanced technology with its production processes to generate more value and increase efficiency. This webinar was highly informative. In short the webinar provided valuable awareness and insight on the various aspects of critical thinking, design thinking and innovation design. He clarified all the doubts which has been interrogated by all the young entrepreneurs of KPRIET. Mr.S.Satheesh Kumar – Department Coordinator/CIIED conveyed the vote of thanks for the event.





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Event No.	:	40			
Date	:	30.05.2022			
Venue	:	Online Mode			
Level of the Event	:	College Level			
Type of Event	:	Webinar			
Title of the Event	:	Skillset for Successful Start-up			
In Association with	:	CIIED			
Resource Person 1	:	Er. S. Sasidharan, Founder, EQUBZ Er. G. Kumaran, Founder, EQUBZ			
Convener	:	Dr. V. Kumar Chinna	aiya	an, Professor, Head/EEE	
Co-convener	:	Dr.R.Sambathkumar	A	ssistant Professor (SI.G) / EEE	
No. of Internal	:	Faculty	:	2	
Participant (Count)		Research Scholars	:		
		Students	:	35	
No. of External Participant (Count)	:	Faculty	:	1	
		Research Scholars	:		
		Students	:	5	

A heart-warming welcome was delivered by Dr.R.Sampathkumar, Assistant Professor(SI.G), KPR Institute of Engineering and Technology, Coimbatore and Presidential address given by Dr.V.Kumar Chinnaiyan, Professor and Head, Department of EEE. The resource persons Er. S. Sasidharan, Founder, EQUBZ and Er. G. Kumaran, Founder, EQUBZ delivered the valuable presentation on

- How to start a startup •
- Skillset
- How to get the fund •

The resource persons shared their experience. The vote of thanks was delivered by Ms. A.Y. Buvanieswary, II -EEE, KPR Institute of Engineering and Technology, Coimbatore. There were 40 participants attended the webinar and get benefited. The department of EEE thanks to the management for providing this opportunity to conduct the webinar successfully.



