

Consolidated Reports

Top Sheet

No	Event No.	Status	Name	Date Time	Venue	Dept.
1	E-Mobility and Sustainability/2026-27/ODD/027	Pre-Event Approved	E-Mobility and Sustainability	16-09-2026 09:30 AM	Thanam Hall	EE
2	AI/ML for Geodata Analysis/2026-27/ODD/011	Pre-Event Approved	AI/ML for Geodata Analysis	03-08-2026 04:00 PM	KPR Knowledge Campus	EC
3	S(h)owskillz 1.0 /2025-26/ODD/001	Pre-Event Approved	S(h)owskillz 1.0	10-03-2026 09:30 AM	Ragam Hall	IIPC
4	SDG Events/2025-26/ODD/001	Pre-Event Approved	SDG Events	20-02-2026 09:30 AM	KPR Knowledge Campus	SDG
5	Distributed Generation & Power Quality: Navigating Grid Integration Challenges/2025-26/ODD/039	Pre-Event Approved	Distributed Generation & Power Quality: Navigating Grid Integration Challenges	12-02-2026 09:30 AM	Veena Hall	EE
6	National level online event & summer training /2024-25/ODD/004	Pre-Event Approved	National level online event & summer training	15-05-2025 09:00 AM	KPR Knowledge Campus	SC
7	AIYINDHINAI'26/2026-27/ODD/013	Post-Event Submitted	AIYINDHINAI'26	03-10-2026 10:30 AM	KPR Knowledge Campus	Sangamam
8	MoU Signing/2026-27/ODD/008	Post-Event Submitted	MoU Signing	23-07-2026 09:00 AM	CFRD BOARD ROOM	CHY
9	PITCHXRAISE'26/2026-27/ODD/028	Closed	PITCHXRAISE'26	09-10-2026 09:00 AM	C&I; Laboratory	BM
10	Climate & Environment Responsive Design/2026-27/ODD/018	Closed	Climate & Environment Responsive Design	06-10-2026 03:00 PM	III CE Classroom	CE
11	EEE FRONTIERS – Distinguished Lecture Series/2026-27/ODD/028	Closed	EEE FRONTIERS – Distinguished Lecture Series	24-09-2026 11:00 AM	Thanam Hall	EE

Events

KPR Institute of Engineering and Technology

No	Event No.	Status	Name	Date Time	Venue	Dept.
12	An Interactive Session on Advances in Circular Chemistry and Technology for a Sustainable Society/2026-27/ODD/009	Closed	An Interactive Session on Advances in Circular Chemistry and Technology for a Sustainable Society	05-08-2026 02:00 AM	CAC HALL	CHY
13	Every Child Deserves a Choice/2026-27/ODD/012	Closed	Every Child Deserves a Choice	21-08-2026 09:30 AM	Government Tribal Residential Primary School, Kandavayal	IEEE
14	From Emissions to Resources CO ₂ Capture, Storage and Utilization/2026-27/ODD/006	Closed	From Emissions to Resources CO ₂ Capture, Storage and Utilization	04-08-2026 09:00 AM	Ragam Hall	CH
15	Zimbabwe Summit 2026/2026-27/ODD/005	Closed	Zimbabwe Summit 2026	29-07-2026 09:00 AM	KPR Knowledge Campus	KIC
16	Focus-Beyond the Lens/2026-27/ODD/002	Closed	Focus-Beyond the Lens	24-07-2026 09:30 AM	KPR Knowledge Campus	Sangamam
17	Beyond the Lens Photography Challenge 2026 /2026-27/ODD/001	Closed	Beyond the Lens Photography Challenge 2026	24-07-2026 09:00 AM	KPR Knowledge Campus	Sangamam
18	Role of Emission Compliance in off road vehicles/2026-27/ODD/001	Closed	Role of Emission Compliance in off road vehicles	24-07-2026 09:30 AM	Civil Lecture Hall	CE
19	IEEE PES Event POWER CONNECT/2026-27/ODD/001	Closed	IEEE PES Event POWER CONNECT	15-07-2026 11:00 AM	Government Middle School, Uthuppalayam	IEEE
20	Department Orientation Programme – Academic Year 2026–2027/2026-27/ODD/001	Closed	Department Orientation Programme – Academic Year 2026–2027	01-07-2026 09:00 AM	KPR Knowledge Campus	ME
21	Expert talk on Shaping tomorrow with sustainable chemistry/2025-26/ODD/014	Closed	Expert talk on Shaping tomorrow with sustainable chemistry	05-06-2026 01:30 PM	KPR Knowledge Campus	CHY

Events

KPR Institute of Engineering and Technology

No	Event No.	Status	Name	Date Time	Venue	Dept.
22	Idea Pitch: From Global Warming to Global Warning/ 2025-26/ODD/047	Closed	Idea Pitch: From Global Warming to Global Warning	18-04-2026 11:00 AM	KPR Knowledge Campus	EE
23	Green transittion 2026: EngineeringSolutions for Climate Actions/ 2025-26/ODD/046	Closed	Green transittion 2026:EngineeringSolutions for Climate Actions	18-04-2026 09:30 AM	KPR Knowledge Campus	EE
24	ASPEN Plus Refresher Course and User Certification Exam/2025-26/ODD/052	Closed	ASPEN Plus Refresher Course and User Certification Exam	26-03-2026 09:00 AM	CH Classroom	CH
25	Heat load estimation & Drafting of HVAC Systems/ 2025-26/ODD/026	Closed	Heat load estimation & Drafting of HVAC Systems	25-03-2026 09:30 AM	KPR Knowledge Campus	ME
26	Hackrace 2026/ 2025-26/ODD/020	Closed	Hackrace 2026	26-03-2026 09:00 AM	CSBS 2nd yr class room	CB
27	National Level Technical Expo/ 2025-26/ODD/006	Closed	National Level Technical Expo	13-03-2026 09:00 AM	KPR Knowledge Campus	IEEE
28	Fiestaa'26 - Paper Presentation/2025-26/ODD/049	Closed	Fiestaa'26 - Paper Presentation	21-02-2026 09:30 AM	S&H; Block - 202	CH
29	Sustainable Energy-Efficient Food Innovation Challenge/2025-26/ODD/045	Closed	Sustainable Energy-Efficient Food Innovation Challenge	20-02-2026 10:30 AM	II CH Classroom	CH
30	Energy Transition in India/2025-26/ODD/036	Closed	Energy Transition in India	24-01-2026 10:00 AM	Thanam Hall	EE
31	Basics of Oil and Gas/2025-26/ODD/041	Closed	Basics of Oil and Gas	16-12-2025 09:00 AM	III CH Class room	CH
32	Energy Conservation week celebration/2025-26/ODD/034	Closed	Energy Conservation week celebration	19-12-2025 10:00 AM	OAT	EE

Events

KPR Institute of Engineering and Technology

No	Event No.	Status	Name	Date Time	Venue	Dept.
33	Energy Conservation Week Awareness Road Show/2025-26/ODD/033	Closed	Energy Conservation Week Awareness Road Show	18-12-2025 10:30 AM	KPR Knowledge Campus	EE
34	Workshop on Vehicle Dynamics/2024-25/ODD/154	Closed	Workshop on Vehicle Dynamics	02-06-2025 09:00 AM	HV & EV LAB	MI
35	IdeaSprint 2.0/2024-25/ODD/035	Closed	IdeaSprint 2.0	14-03-2025 09:30 AM	HV & EV LAB, II MI CLASS ROOM	MI
36	Climate Responsive Infrastructure/2025-26/ODD/021	Closed	Climate Responsive Infrastructure	01-11-2025 09:30 AM	CAC Hall	CE
37	ICWA sponsored national level seminar "Climate Action and Green Diplomacy: India's Leadership in Sustainable Development & Global Partnerships,/2025-26/ODD/063	Closed	ICWA sponsored national level seminar "Climate Action and Green Diplomacy: India's Leadership in Sustainable Development & Global Partnerships,	05-11-2025 09:30 AM	Veena Hall	CS
38	Walkathon in GHS/2025-26/ODD/057	Closed	Walkathon in GHS	17-10-2025 09:00 AM	Government school	CS
39	Green Mindset Walkathon/2025-26/ODD/056	Closed	Green Mindset Walkathon	17-10-2025 09:00 AM	Government School	CS
40	Youth Press Conference/2025-26/ODD/021	Closed	Youth Press Conference	26-09-2025 02:00 PM	CARE Studio	AD
41	Field Visit to Pilloor Water Treatment Plant, Coimbatore/2025-26/ODD/013	Closed	Field Visit to Pilloor Water Treatment Plant, Coimbatore	18-09-2025 09:00 AM	Pilloor WTP	CE
42	World Electric Vehicle day Rally, Roadshow, Exhibition/2025-26/ODD/010	Closed	World Electric Vehicle day Rally, Roadshow, Exhibition	09-09-2025 06:30 AM	Rase Course, Coimbatore	EE
43	Civic Policy Showdown/2025-26/ODD/014	Closed	Civic Policy Showdown	23-08-2025 02:00 PM	III AD Classroom	AD

Events

KPR Institute of Engineering and Technology

No	Event No.	Status	Name	Date Time	Venue	Dept.
44	Un-Ironed Clothes, Un-Ironed Earth /2025-26/ODD/ 007	Closed	Un-Ironed Clothes, Un-Ironed Earth	23-08-2025 08:45 AM	OAT	EE
45	Sustainability Conclave 2025/ 2024-25/ODD/0 01	Closed	Sustainability Conclave 2025	01-04-2025 09:00 AM	Multiple	SDG
46	Webinar on Paper recycling - A way to susta inability/2024-2 5/ODD/003	Closed	Webinar on Paper recycling - A way to sustainability	17-04-2025 03:00 AM	Veena hall	SC
47	Industry conclave on Roadmap for Sustainable Chemical Proce sses/2024-25/O DD/008	Closed	Industry conclave on Roadmap for Sustainable Chemical Processes	15-03-2025 10:00 AM	KPR Knowledge Campus	IICHe
48	FDP on Sustainable Technologies for Water Treatment and Environmental Protection-2025 /2024-25/ODD/ 001	Closed	FDP on Sustainable Technologies for Water Treatment and Environmental Protection-2025	24-03-2025 07:00 PM	KPR Knowledge Campus	SC
49	MoU Ceremony between KPRIET and Windplus Pvt. Lt d./2024-25/OD D/095	Closed	MoU Ceremony between KPRIET and Windplus Pvt. Ltd.	25-04-2025 11:00 AM	Marigold	EE
50	Plastic-Free Planet: Reduce, Reuse Recycle/ 2024-25/ODD/1 36	Closed	Plastic-Free Planet: Reduce, Reuse Recycle	19-03-2025 03:00 PM	Govt.Hr.Sec.School Vaharayam Palayam	CS
51	Second International Conference on Sustainable Water (ICSW) 2 025/2024-25/O DD/055	Closed	Second International Conference on Sustainable Water (ICSW) 2025	21-03-2025 08:30 AM	VEENA, PALLAVI, DAFFODIL AND JASMINE	CH
52	SDGATHON 20 25/2024-25/OD D/087	Closed	SDGATHON 2025	22-03-2025 09:00 AM	KPR Knowledge Campus	CE

Events

KPR Institute of Engineering and Technology

No	Event No.	Status	Name	Date Time	Venue	Dept.
53	Impact on Climate Changes in Construction Sector/2024-25/ODD/077	Closed	Impact on Climate Changes in Construction Sector	29-11-2024 02:00 PM	Veena Hall	CE
54	Impact of Climate changes in Construction sector/2024-25/ODD/076	Closed	Impact of Climate changes in Construction sector	29-11-2024 02:00 PM	Veena Hall	CE
55	CLIMATE OF AFRICA/2024-25/ODD/074	Closed	CLIMATE OF AFRICA	09-12-2024 11:00 AM	VEENA HALL	CE
56	SOLAR POWER PLANT DESIGN AND MANAGEMENT /2024-25/ODD/045	Closed	SOLAR POWER PLANT DESIGN AND MANAGEMENT	10-10-2024 09:00 AM	Elective Hall (Mechanical Department)	ME
57	SOLAR POWER PLANT DESIGN AND MANAGEMENT /2024-25/ODD/043	Closed	SOLAR POWER PLANT DESIGN AND MANAGEMENT	19-09-2024 01:30 PM	ELECTIVE HALL(MECHANICAL DEPARTMENT)	ME
58	Hackathon-Coding Saksham/2024-25/ODD/014	Closed	Hackathon-Coding Saksham	12-09-2024 09:00 AM	KPR Knowledge Campus	CB
59	Teacher's Day Celebration - Panel Discussion by students/2024-25/ODD/004	Closed	Teacher's Day Celebration - Panel Discussion by students	05-09-2024 02:30 PM	Care Studio	IICHe
60	HACKXELERATE/2024-25/ODD/013	Closed	HACKXELERATE	24-04-2025 08:00 AM	KPR Knowledge Campus	CB
61	CLIMATE CHANGE/2024-25/ODD/037	Closed	CLIMATE CHANGE	07-03-2025 03:00 PM	Online	CH
62	EMBEDDED C EXCELLENCE ARDUINO APPLICATIONS/2024-25/ODD/050	Closed	EMBEDDED C EXCELLENCE ARDUINO APPLICATIONS	22-11-2024 08:00 AM	Veena Hall	CS

Events

KPR Institute of Engineering and Technology

No	Event No.	Status	Name	Date Time	Venue	Dept.
63	One credit Course on UAV/Drone Technology and its Applications/ 2025-26/ODD/023	Re-Submit	One credit Course on UAV/Drone Technology and its Applications	22-10-2025 09:00 AM	IV EEE Classroom	EE

Event No	E-Mobility and Sustainability/2026-27/ODD/027
Status	Pre-Event Approved
Name	E-Mobility and Sustainability
Date and Time	16-09-2026 09:30 AM to 12:30 PM
Mode	On Campus
Type	Club Activity
Level	Institutional
Organized For	Student
Related SDG	7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 13: Climate Action
Department	E-Mobility and Sustainability
Venue	Thanam Hall

Staffs Involved

No	Full Name	Role
1	EE016 - MOHAMED IBRAHIM A	Convenor

Resource Persons

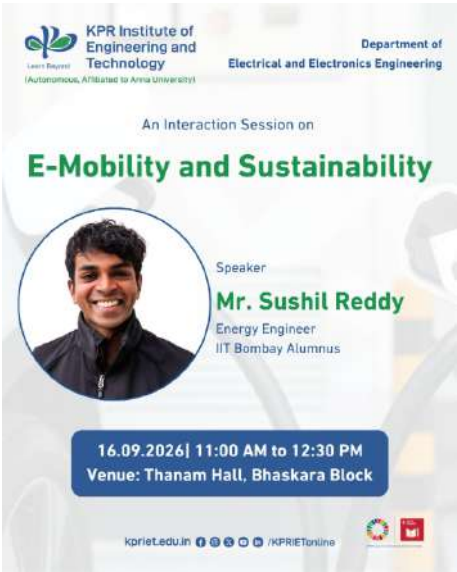
No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr. Sushil Reddy	Energy Engineer	sushilr25@gmail.com	IIT Bombay alumnus

Event Description

The Department of Electrical and Electronics Engineering, as part of its SDG activities, organized a Student Interaction Session on “E-Mobility and Sustainability” on 16th September 2026. The session was delivered by Mr. Sushil Reddy, Energy Engineer and IIT Bombay alumnus.

The session focused on creating awareness among students about sustainable mobility, electric vehicles, clean energy and the role of engineering in developing sustainable transportation solutions. The interaction provided students with practical perspectives on emerging e-mobility technologies and encouraged them to contribute towards a cleaner and sustainable future.

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Event No	AI/ML for Geodata Analysis/2026-27/ODD/011
Status	Pre-Event Approved
Name	AI/ML for Geodata Analysis
Date and Time	03-08-2026 04:00 PM to 06:00 PM
Mode	Hybrid
Type	One Credit Course (OCC)
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure, 13: Climate Action
Department	AI/ML for Geodata Analysis
Associate Departments	IETE
Online Medium	Others

Staffs Involved

No	Full Name	Role
1	EC060 - JAKIR HUSSAIN G K	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr. Harish Chandra Karnatak	Head, Geoweb Services, IT & Distance Learning (GIT&DL;); Scientist/Engineer–G	headgitdl@iirs.gov.in	Indian Institute of Remote Sensing (IIRS), ISRO

Event Description

The Department of Electronics and Communication Engineering, KPR Institute of Engineering and Technology, as an IIRS-ISRO Outreach Nodal Centre, is organizing a One Credit Course (OCC) on "AI/ML for Geodata Analysis" from 03 August to 14 August 2026 in hybrid mode. This course, offered by the Indian Institute of Remote Sensing (IIRS), ISRO, introduces participants to the fundamentals and applications of Artificial Intelligence (AI) and Machine Learning (ML) in geospatial data analysis. The sessions will cover AI/ML techniques for processing satellite imagery, remote sensing data, and geospatial datasets, enabling participants to understand modern approaches for Earth observation and geospatial intelligence.

POSTER



WEBIMG

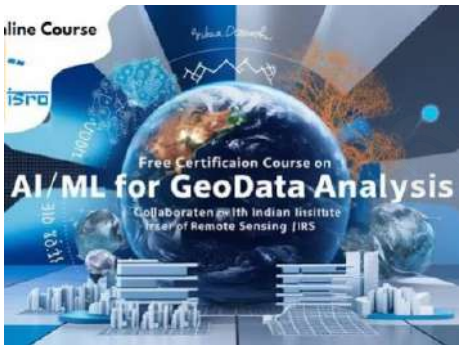


Table with 2 columns: Event details and descriptions. Rows include Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, and Venue.

Event Description

Industry Academia Conclave

Events

Event No	SDG Events/2025-26/ODD/001
Status	Pre-Event Approved
Name	SDG Events
Date and Time	20-02-2026 09:30 AM to 04:00 PM
Mode	On Campus
Type	Club Activity
Level	Institutional
Organized For	Student
Related SDG	3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 7: Affordable and Clean Energy, 8: Decent Work and Economic Growth, 13: Climate Action, 14: Life Below Water, 15: Life on Land
Department	SDG Events

Staffs Involved

No	Full Name	Role
1	CH008 - KARUNAKARAN S	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Jury	S Karunakaran	Associate Professor	karunakaran.s@kpriet.ac.in	KPRIET

Event Description

As part of Fiestaa'26 held on 20-02-2026 at KPRIET, a series of Sustainable Development Goal (SDG) events were organized to promote awareness, responsibility, and innovative thinking towards global sustainability. These events were aligned with the United Nations Sustainable Development Goals, encouraging students to contribute meaningful solutions for a better and more equitable future.

The SDG events focused on themes such as clean energy, climate action, sustainable agriculture, responsible consumption, quality education, gender equality, and water resource management. Participants actively engaged in project displays, idea pitching sessions, poster presentations, and technical discussions centered around sustainability-driven innovations.

The primary objective of conducting SDG events was to inspire students to integrate sustainability into engineering solutions, research initiatives, and entrepreneurial ventures. Teams demonstrated eco-friendly technologies, waste management strategies, renewable energy models, biofertilizer applications, water purification techniques, and socially impactful community projects.

Event No	Distributed Generation & Power Quality: Navigating Grid Integration Challenges/2025-26/ODD/039
Status	Pre-Event Approved
Name	Distributed Generation & Power Quality: Navigating Grid Integration Challenges
Date and Time	12-02-2026 09:30 AM to 04:30 PM
Mode	On Campus
Type	Seminar
Level	Institutional
Organized For	Teaching
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure, 13: Climate Action
Department	Distributed Generation & Power Quality: Navigating Grid Integration Challenges
Venue	Veena Hall

Staffs Involved

No	Full Name	Role
1	EE071 - MOHANA SUNDARAM K	Convenor
2	EE016 - MOHAMED IBRAHIM A	Coordinator
3	EE053 - PAZHANIMUTHU C	Coordinator

Events

KPR Institute of Engineering and Technology

No	Full Name	Role
4	EE001 - SARAVANAN G	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr Saravana Ilango	Professor	a.mohamedibrahim@kpriet.ac.in	Department of EEE National Institute of Technology
2	Resource Person	Dr B Somasundaram	Managing Director	a.mohamedibrahim@kpriet.ac.in	Domoretech Consultancy Services Pvt Ltd, Coimbatore
3	Resource Person	Mr C Dinesh	Project Engineer	a.mohamedibrahim@kpriet.ac.in	NIRT Renewable Energy Pvt Ltd, Salem
4	Resource Person	Er N S Namasivayam	Former Chief Engineer - Electrical	a.mohamedibrahim@kpriet.ac.in	TANGEDCO
5	Resource Person	Dr L Ashok Kumar	Principal	a.mohamedibrahim@kpriet.ac.in	Thiagarajar College of Engineering, Madurai
6	Resource Person	Er R Kathirasan	Assistant Engineer	a.mohamedibrahim@kpriet.ac.in	TNEB

Event Description

The Institution of Engineers (India) sponsored All India Seminar on “Distributed Generation & Power Quality: Navigating Grid Integration Challenges”

POSTER



The Institution of Engineers (India)
Coimbatore Local Centre
in association with
Department of Electrical and Electronics Engineering
KPR Institute of Engineering and Technology, Coimbatore
cordially invites you for
All India Seminar on

Distributed Generation & Power Quality

Navigating Grid Integration Challenges

Invited Speakers

- Dr Saravana Ilango
Professor, Department of EEE
National Institute of Technology, Tiruchirappalli
- Dr B Somasundaram
Managing Director
Domoretech Consultancy Services Pvt Ltd, Coimbatore
- Mr C Dinesh
Project Engineer
NIRT Renewable Energy Pvt Ltd, Salem
- Dr K Mohana Sundaram
Principal, Dept. of EEE
KPRIET, Coimbatore
- Er N S Namasivayam
Former Chief Engineer - Electrical
TANGEDCO
- Dr L Ashok Kumar
Principal
Thiagarajar College of Engineering, Madurai
- Er R Kathirasan
Assistant Engineer
TNEB
- Mr Mohan Kumar
Principal, Dept. of EEE
KPRIET, Coimbatore

Dr J Pradeep Kumar FIE
Honorary Secretary

Dr M Senthil Kumar FIE
Chairman

12.02.2026 & 13.02.2026 | 09:00 AM to 04:00 PM | Venue: Veena Hall

kpriet.edu.in | KPRIETonline

WEBIMG



All India Seminar on

Distributed Generation & Power Quality

Navigating Grid Integration Challenges

Invited Speakers

- Dr Saravana Ilango
Professor, Department of EEE
National Institute of Technology, Tiruchirappalli
- Dr B Somasundaram
Managing Director
Domoretech Consultancy Services Pvt Ltd, Coimbatore
- Mr C Dinesh
Project Engineer
NIRT Renewable Energy Pvt Ltd, Salem
- Dr K Mohana Sundaram
Principal, Dept. of EEE
KPRIET, Coimbatore
- Er N S Namasivayam
Former Chief Engineer - Electrical
TANGEDCO
- Dr L Ashok Kumar
Principal
Thiagarajar College of Engineering, Madurai
- Er R Kathirasan
Assistant Engineer
TNEB
- Mr Mohan Kumar
Principal, Dept. of EEE
KPRIET, Coimbatore

Scan to Register

Events

KPR Institute of Engineering and Technology

Event No	National level online event & summer training/2024-25/ODD/004
Status	Pre-Event Approved
Name	National level online event & summer training
Date and Time	15-05-2025 09:00 AM to 04:00 PM
Mode	Online
Type	Celebration
Level	Institutional
Organized For	Other
Related SDG	3: Good Health and Well-being, 4: Quality Education, 6: Clean Water and Sanitation, 13: Climate Action, 15: Life on Land
Department	National level online event & summer training

Event No	AIYINDHINAI'26/2026-27/ODD/013
Status	Post-Event Submitted
Name	AIYINDHINAI'26
Date and Time	03-10-2026 10:30 AM to 12:30 PM
Mode	On Campus
Type	Seminar
Level	Institutional
Organized For	KPRIET
Related SDG	3: Good Health and Well-being, 6: Clean Water and Sanitation, 13: Climate Action, 14: Life Below Water, 15: Life on Land
Department	AIYINDHINAI'26
Associate Departments	IQAC, SDG
Faculty Internal Participants	20
Students Internal Participants	700
Other Participants	10

Staffs Involved

No	Full Name	Role
1	SH033 - SUDHA D	Convenor

Event Description

We are delighted to invite you to join us for the Inauguration, ■■■■■■■■'26, a special environment-focused programme dedicated to conserving nature, promoting environmental awareness, and inspiring our collective journey towards sustainable development. to be held at KPR College of Arts Science and Research.

Date: 3 October 2026

Time: 10:30 a.m.

Venue: KPR CAS Auditorium

After the inauguration, the Special Expert Lecture will be delivered by the dignitaries to the Eco Club members and first-year students in the MBA Block classrooms.

We sincerely look forward to welcoming you and request you to kindly grace the occasion with your valuable presence.

Actual Outcome and Report of the Event

Awareness on environmental conservation , To make the students understand the responsibility towards nature

POSTER



WEBIMG



IMG1



IMG2



Events

Event No	MoU Signing/2026-27/ODD/008
Status	Post-Event Submitted
Name	MoU Signing
Date and Time	23-07-2026 09:00 AM to 11:00 AM
Mode	On Campus
Type	MoU
Level	Institutional
Organized For	Teaching
Related SDG	3: Good Health and Well-being, 4: Quality Education, 6: Clean Water and Sanitation, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 13: Climate Action
Department	MoU Signing
Associate Departments	CE, PHY, CHY, BM
Venue	CFRD BOARD ROOM
Online Medium	Others
Industry Participants	5
Faculty Internal Participants	20
Students Internal Participants	5

Staffs Involved

No	Full Name	Role
1	SH140 - BAVYA DEVI K	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr. KABIR VENKAR BAHL	CEO AND FOUNDER	venkat@marinelixirs.in	MARINELIXIRS PRIVATE LIMITED

Event Description

Memorandum of Understanding (MoU) Signing Ceremony was organized between KPR Institute of Engineering and Technology (KPRIET) and MARINELIXIRS PRIVATE LIMITED.

The MoU aims to promote industry–academia collaboration in marine resource utilization, sustainable materials, research, innovation, and value-added applications.

The event brought together academic researchers and industry experts to discuss joint research initiatives and technology development.

The collaboration focuses on translating innovative research outcomes into sustainable and industry-relevant solutions.

The MoU marks a significant step towards strengthening research, knowledge exchange, student engagement, and technology transfer between KPRIET and MARINELIXIRS PRIVATE LIMITED.

Actual Outcome and Report of the Event

Strengthened industry–academia collaboration between KPR Institute of Engineering and Technology and MARINELIXIRS PRIVATE LIMITED.

Facilitated collaborative research in marine resources, sustainable materials, and value-added applications.

Enabled the development of innovative solutions for sustainable packaging and environmental applications.

Created opportunities for joint research projects and industry-sponsored research activities.

Promoted student involvement in industry-oriented research, training, and experimental activities.

Provided opportunities for researchers and industry experts to exchange technical knowledge and expertise.

Supported the translation of academic research outcomes into practical and industry-relevant technologies.

Strengthened opportunities for technology development, intellectual property generation, and technology transfer.

Encouraged the utilization and value addition of marine industrial resources through sustainable approaches.

Established a foundation for continued joint innovation, research, skill development, and future collaborative initiatives between the institution and industry.

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WEBIMG



Event No	PITCHXRAISE'26/2026-27/ODD/028
Status	Closed
Name	PITCHXRAISE'26
Date and Time	09-10-2026 09:00 AM to 04:30 PM
Mode	On Campus
Type	Competition
Level	International
Organized For	Student
Related SDG	4: Quality Education, 7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 14: Life Below Water, 15: Life on Land, 17: Partnerships to achieve the Goal
Department	PITCHXRAISE'26
Associate Departments	IEEE
Venue	C&I Laboratory
Faculty Internal Participants	7
Students Internal Participants	21
Students External Participants	116

Staffs Involved

No	Full Name	Role
1	BME21 - RAJASINGAM N	Coordinator
2	EE060 - BARANILINGESAN I	Coordinator

Event Description

PITCHXRAISE'26 is a technical event that provides students with a platform to pitch innovative ideas, present projects, and showcase creative engineering solutions. The event promotes innovation, entrepreneurship, technical communication, and problem-solving skills through Ideation Arena and Project Presentation competitions.

Actual Outcome and Report of the Event

- Encouraged innovation, creativity and real-world problem-solving among students.
- Enhanced idea pitching, project presentation and communication skills.
- Developed critical thinking, analytical reasoning and technical competencies.
- Promoted teamwork, collaboration and healthy competition.
- Motivated students to pursue innovation and actively engage in IEEE activities.

POSTER



WEBIMG



IMG1



IMG2



Event No	Climate & Environment Responsive Design/2026-27/ODD/018
Status	Closed
Name	Climate & Environment Responsive Design
Date and Time	06-10-2026 03:00 PM to 04:00 PM
Mode	On Campus
Type	Association Activity
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 11: Sustainable Cities and Communities, 13: Climate Action
Department	Climate & Environment Responsive Design
Associate Departments	ASCE
Venue	III CE Classroom
Faculty Internal Participants	1
Students Internal Participants	41

Staffs Involved

No	Full Name	Role
1	CE083 - ELAVARASAN S	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Ar. U. Syed Abuthahir, B.Arch., M.Arch.	Chief Architect		AplusB Consortium

Event Description

The Department of Civil Engineering, KPR Institute of Engineering and Technology, organizing an Expert Talk on "Climate & Environment Responsive Design" to create awareness among students about the importance of integrating climatic and environmental considerations into building design.

Actual Outcome and Report of the Event

The Department of Civil Engineering, KPR Institute of Engineering and Technology, organized an Expert Talk on "Climate & Environment Responsive Design" on 06 October 2026 at 3:00 PM at the III Civil Lecture Hall, Bhaskara Block.

The session was organized as part of the Unit IV – Climate and Environmental Responsive Design of the Architectural Design syllabus. The programme aimed to enhance students' understanding of the relationship between climate, environment and architecture and to expose them to practical approaches for developing sustainable and climate-responsive buildings.

The session was delivered by Ar. Syed Abuthahir U, an Architect with extensive professional and academic experience. He holds a B.Arch from Adhiyamaan College of Engineering and an M.Arch from Excel College of Architecture and Planning. He is the Chief Architect at AplusB Consortium, Coimbatore, where he has been involved in architectural and interior design projects since 2015. He has successfully completed more than 70 projects across residential, retail and commercial sectors.

During the session, the resource person discussed important concepts related to man–environment interaction, factors determining climate, characteristics of different climate types and design approaches suitable for various climatic conditions. The session also highlighted the importance of passive design strategies, energy-efficient architecture, environmental considerations and sustainable building practices.

The practical examples and professional experiences shared by the resource person helped students understand how climatic conditions can influence building orientation, form, openings, materials, shading, ventilation and overall building performance. The interactive nature of the session encouraged students to relate the concepts with real-world buildings and their own design projects.

The programme provided students with an opportunity to connect their classroom learning with professional practice and strengthened their understanding of climate-responsive and environmentally responsible architectural design.

POSTER



WEBIMG



IMG1



IMG2



Event No	EEE FRONTIERS – Distinguished Lecture Series/2026-27/ODD/028
Status	Closed
Name	EEE FRONTIERS – Distinguished Lecture Series
Date and Time	24-09-2026 11:00 AM to 01:00 PM
Mode	On Campus
Type	Expert Talk
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 7: Affordable and Clean Energy, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action
Department	EEE FRONTIERS – Distinguished Lecture Series
Venue	Thanam Hall
Faculty Internal Participants	8
Students Internal Participants	80

Staffs Involved

No	Full Name	Role
1	EE084 - THARWIN KUMAR R	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr. C. Bharatiraja	Professor & Centre Head		Centre for Electric Mobility (CEM), Department of Electrical and Electronics Engineering SRM IST

Event Description

EEE FRONTIERS – Distinguished Lecture Series The Department of Electrical and Electronics Engineering is organizing EEE FRONTIERS – Distinguished Lecture Series, an expert-led academic and professional interaction focused on the rapidly evolving field of Electric Mobility.

As the global transportation sector moves towards electrification, electric vehicles, intelligent charging infrastructure, renewable energy integration, advanced power electronics, energy storage systems, and smart mobility solutions are becoming increasingly important. The transition towards electric mobility is creating new opportunities for technological innovation, interdisciplinary research, entrepreneurship, and employment across the electrical, electronics, automotive, energy, and transportation sectors.

As part of the lecture series, Dr. C. Bharatiraja, M.E., Ph.D., PDF (USA and ZA), Centre Head – Centre for Electric Mobility (CEM) and Professor, Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, has been invited as the Resource Person for an expert lecture titled:

“Electric Mobility 2030: Emerging Technologies, Research Trends, Skills and Career Opportunities” The lecture will provide participants with an overview of the future of electric mobility and the technological developments expected towards 2030. The session will explore emerging developments in electric vehicle technologies, battery systems, charging infrastructure, power electronic converters, renewable energy integration, smart charging, vehicle-to-grid technologies, intelligent transportation systems, and other enabling technologies shaping the electric mobility ecosystem.

The session will also provide valuable insights into current and emerging research directions in electric mobility. Participants will gain an understanding of potential research areas, interdisciplinary opportunities, technological challenges, and the role of innovation in addressing the energy and transportation requirements of the future.

A major focus of the lecture will be on skills and career opportunities in the electric mobility sector. The session will help students and research scholars understand the technical competencies required for careers and higher studies in areas such as electric vehicle design, battery management systems, power electronics, charging infrastructure, renewable energy systems, embedded systems, control systems, artificial intelligence, energy management, and smart mobility.

The interaction is intended to bridge the gap between classroom learning, research, industry requirements, and emerging technological trends. It will provide students, faculty members, and research scholars with an opportunity to interact with an accomplished academic and domain expert and gain insights into the evolving requirements of the electric mobility industry and research ecosystem.

The lecture will also encourage participants to identify future research problems, develop industry-relevant technical skills, explore interdisciplinary collaboration, and understand the professional opportunities emerging from the global transition towards sustainable transportation.

Actual Outcome and Report of the Event

Actual Outcome and Report of the Event The EEE FRONTIERS – Distinguished Lecture Series was successfully organized by the Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, on 24th September 2026. The expert lecture titled “Electric Mobility 2030: Emerging Technologies, Research Trends, Skills and Career Opportunities” was delivered by Dr. C. Bharatiraja, Centre Head – Centre for Electric Mobility (CEM), Professor, Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology.

The session provided students and faculty members with valuable insights into the emerging trends in electric mobility, advancements in EV technologies, current research directions, industry requirements, skill development, and career opportunities in the electric mobility sector.

The interactive session enabled the participants to understand the evolving technological landscape of electric vehicles and the importance of interdisciplinary knowledge, research orientation, innovation, and industry-relevant skills. The expert also shared practical perspectives on research opportunities and future developments in electric mobility, motivating students to explore higher studies, research, and career opportunities in the field.

The event received active participation and positive feedback from the students and faculty members. The interaction with the expert provided an excellent platform for knowledge sharing and academic–industry interaction, thereby contributing to the professional development and technical awareness of the participants.

Overall Outcome:

The lecture successfully enhanced the participants' awareness of the future of electric mobility, emerging technologies, research opportunities, required skill sets, and career pathways, aligning with the department's objective of providing students with contemporary technical knowledge and exposure to experts from academia and industry.

POSTER



IMG1



IMG2



Event No	An Interactive Session on Advances in Circular Chemistry and Technology for a Sustainable Society/2026-27/ODD/009
Status	Closed
Name	An Interactive Session on Advances in Circular Chemistry and Technology for a Sustainable Society
Date and Time	05-08-2026 02:00 AM to 04:00 AM
Mode	On Campus
Type	Seminar
Level	Institutional
Organized For	KPRIET
Related SDG	4: Quality Education, 6: Clean Water and Sanitation, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 14: Life Below Water
Department	An Interactive Session on Advances in Circular Chemistry and Technology for a Sustainable Society
Venue	CAC HALL
Faculty Internal Participants	15
Students Internal Participants	90

Staffs Involved

No	Full Name	Role
1	SH033 - SUDHA D	Coordinator
2	SH026 - JAGADEESWARI R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Resource person: Dr. Shanmugam Thiagarajan,	Senior scientist		Wageningen University, Netherlands

Event Description

Title: An Interactive Session on Advances in Circular Chemistry and Technology for a Sustainable Society

Date: 5.8.2026

Time: 02.00pm

venue: CAC hall

Resource person:

Dr. Shanmugam Thiagarajan, Senior Scientist - Sustainable Chemistry

Wageningen Food & Bio-based Research, Wageningen University & Research,

The Netherlands

Actual Outcome and Report of the Event

Topic: Advances in Circular Chemistry and Technology for a Sustainable Society

Resource Person: Dr. Shanmugam Thiagarajan, Senior Scientist – Sustainable Chemistry, Wageningen Food & Bio-based Research, Wageningen University & Research, The Netherlands

The interactive session provided participants with valuable insights into the emerging concepts and applications of circular chemistry and sustainable technologies for addressing global environmental and resource challenges. The session emphasized the transition from a linear “take–make–dispose” model towards circular approaches that promote resource efficiency, waste valorization, reuse, recycling, and the development of sustainable materials and processes.

Participants gained an understanding of how principles of green chemistry, bio-based materials, renewable resources, and circular economy approaches can be integrated into research and industrial practices. The discussion highlighted opportunities to convert waste and by-products into value-added products, reduce dependence on fossil-based resources, and minimize environmental impact throughout the life cycle of products and processes.

The interactive nature of the session encouraged faculty members and research scholars to discuss their ongoing research ideas and explore possibilities for incorporating circularity, sustainability, and life-cycle thinking into their work. The session also provided exposure to contemporary research and technological developments in sustainable chemistry at an international level.

Key OutcomesEnhanced awareness of the principles and significance of circular chemistry in sustainable development.

Understanding of strategies for waste-to-value conversion and resource recovery.

Exposure to recent advances in sustainable chemistry, bio-based technologies, and circular processes.

Encouragement to incorporate green chemistry and circular economy principles into academic research and industrial applications.

Events

KPR Institute of Engineering and Technology

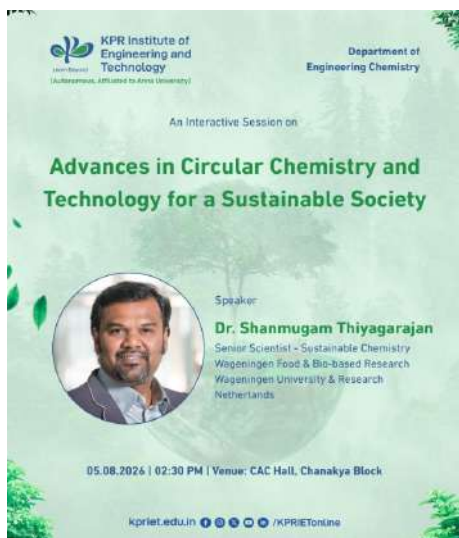
Identification of potential avenues for interdisciplinary research and international collaboration.

Motivated faculty members and research scholars to develop research solutions that address real-world sustainability challenges.

Strengthened understanding of the role of chemistry and technology in achieving a resource-efficient and sustainable society.

Opportunities for MoU signing, Research collaborations and Students faculty internships

POSTER



WEBIMG



IMG1



IMG2



Event No	Every Child Deserves a Choice/2026-27/ODD/012
Status	Closed
Name	Every Child Deserves a Choice
Date and Time	21-08-2026 09:30 AM to 04:00 PM
Mode	Off Campus
Type	ISR Activity
Level	Institutional
Organized For	Other
Related SDG	1: No Poverty, 2: Zero Hunger, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 6: Clean Water and Sanitation, 7: Affordable and Clean Energy, 8: Decent Work and Economic Growth, 13: Climate Action
Department	Every Child Deserves a Choice
Venue	Government Tribal Residential Primary School, Kandavayal
Faculty Internal Participants	1
Faculty External Participants	2
Students Internal Participants	15
Students External Participants	15

Staffs Involved

No	Full Name	Role
1	ME085 - MAKESHKUMAR M	Convenor

Event Description

The event aims to create awareness among school students on important social, educational, digital and environmental issues through interactive awareness sessions and Fun activities.

The major activities planned for the programme include:

Gender Equality, Equal Opportunities and Child Marriage Awareness

Education Opportunities and Government Schemes

Environmental Awareness and Tree Plantation

Educational Games, Interactive Activities and Prizes

Actual Outcome and Report of the Event

Awareness on Gender Equality: Students will understand the importance of gender equality, equal opportunities, mutual respect, and the harmful effects of discrimination and child marriage.

Improved Educational Awareness: Students will gain knowledge about the importance of education, higher education opportunities, scholarships, and relevant government welfare schemes available to them.

Environmental Responsibility: Students will develop awareness about environmental conservation, protection of natural resources, and the importance of trees and biodiversity.

Hands-on Environmental Participation: Through tree plantation activities, students will actively participate in creating a greener and healthier environment and develop a sense of responsibility towards nature.

Enhanced Social and Communication Skills: Interactive sessions and group activities will encourage students to communicate, collaborate, share ideas, and participate confidently.

Learning Through Fun: Educational games and fun-based activities will make learning more engaging and help students understand important social and educational concepts effectively.

Increased Awareness of Social Issues: Students will become more informed about important social issues affecting children and communities and understand the importance of making informed and responsible decisions.

Motivation and Confidence: Prizes and appreciation will motivate students to actively participate in educational activities and encourage a positive attitude towards learning.

Sustainable Behaviour: The programme will encourage students to adopt responsible practices related to education, equality, digital/social awareness, and environmental protection in their daily lives.

Community Impact: The programme is expected to create a positive awareness among students, which can further be shared with their families and local community, strengthening social responsibility and community participation.

POSTER



WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	From Emissions to Resources CO ₂ Capture, Storage and Utilization/2026-27/ODD/006
Status	Closed
Name	From Emissions to Resources CO ₂ Capture, Storage and Utilization
Date and Time	04-08-2026 09:00 AM to 04:30 PM
Mode	Off Campus
Type	Seminar
Level	Institutional
Organized For	Student
Related SDG	7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action
Department	From Emissions to Resources CO ₂ Capture, Storage and Utilization
Associate Departments	IEI
Venue	Ragam Hall
Faculty Internal Participants	8
Students Internal Participants	120
Other Participants	1

Staffs Involved

No	Full Name	Role
1	CH016 - DHARANI L	Convenor
2	CE088 - BHARANI S	Co-convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Er. James Solomon	Managing Partner	dharani.l@kpriet.ac.in	Jaas Tekhnologiya, Coimbatore,
2	Resource Person	Dr. B. Uma Maheswari	Associate Professor	umamaheswari.b@cit.edu.in	Department of Chemical Engineering, Coimbatore Institute of Technology, Coimbatore,
3	Resource Person	Dr. S. Mothil	Associate Professor	mothil.chem@kongu.edu	Department of Chemical Engineering, Kongu Engineering College, Erode

Event Description

The Department of Chemical Engineering, KPR Institute of Engineering and Technology, in association with The Institution of Engineers (India) – Coimbatore Local Centre, under the aegis of the Chemical Engineering Division Board (CHDB), IEI, is organizing a One Day Seminar on "From Emissions to Resources: CO₂ Capture, Storage and Utilization" on 04 August 2026 at Ragam Hall, Mythreyi Block.

The seminar aims to provide participants with a comprehensive understanding of Carbon Capture, Storage and Utilization (CCUS) technologies and their role in addressing climate change and achieving industrial sustainability. The sessions will cover the latest developments in carbon capture processes, storage strategies, resource utilization pathways, and emerging opportunities for transforming carbon dioxide into valuable products. The event will also highlight the role of chemical engineers in advancing low-carbon technologies, promoting sustainable industrial practices, and supporting India's journey toward net-zero emissions.

The seminar will be graced by Er. G. James Solomon, Managing Partner, Jaas Tekhnologiya, Coimbatore, as the Chief Guest, who will share valuable industry insights and practical perspectives on sustainable engineering solutions. The programme offers an excellent platform for students, faculty members, researchers, and industry professionals to interact, exchange ideas, and explore advancements in CCUS technologies for a greener and more sustainable future.

Actual Outcome and Report of the Event**Report of One Day Seminar****Brief Details about the Programme:**

The Institution of Engineers (India) Coimbatore Local Centre organized a One Day Seminar on "From Emissions to Resources: CO₂ Capture, Storage and Utilization" in association with Department of Chemical Engineering, KPR Institute of Engineering and Technology (KPRIET), Coimbatore on 04.08.2026.

Forenoon Session:**Inaugural Session & Keynote Address:**

In the inaugural session, Dr J Pradeep Kumar, Honorary Secretary, IEI Coimbatore Local Centre, welcomed the gathering and spoke about the scope and significance of IEI membership along with its various activities. This was followed by the felicitation address by Dr G Surendran, Head of the Department, Department of Chemical Engineering, KPR Institute of Engineering and Technology. An overview of the seminar, including its objectives and thematic focus, was presented by Ms L Dharani, Assistant Professor II, Department of Chemical Engineering, KPR Institute of Engineering and Technology. The chief guest of the event, Er G James Solomon, Managing Partner, Jaas Tekhnologiya, Coimbatore gave the inaugural address. The inaugural function was concluded with a vote of thanks proposed by Dr M Laxmi Deepak Bhatlu, Assistant Professor III, Department of Chemical Engineering, KPR Institute of Engineering and Technology.

Invited Lecture - 1:

The first invited lecture was delivered by Er. James Solomon, Managing Partner, Jaas Tekhnologiya, Coimbatore, on the topic "Carbon Capture Technologies and Processes." He presented an insightful lecture on the importance of carbon capture technologies in reducing greenhouse gas emissions and mitigating the impacts of climate change. The speaker discussed various innovative approaches to carbon capture, with particular emphasis on indoor carbon dioxide capture systems designed to improve indoor air quality in residential, commercial, and industrial environments. He explained the principles and applications of advanced adsorption materials and carbon capture devices that can effectively remove excess carbon dioxide from enclosed spaces, thereby creating healthier and more sustainable indoor environments. He also highlighted methane enhancement technologies, explaining how captured carbon dioxide can be utilized in methanation processes by reacting with green hydrogen to produce synthetic methane, a renewable fuel that can be used for energy storage and industrial applications. Furthermore, he discussed the role of Carbon Capture, Utilization, and Storage (CCUS) in promoting a circular carbon economy by converting captured carbon dioxide into valuable products instead of releasing it into the atmosphere. The lecture concluded by emphasizing the significance of integrating carbon capture technologies with renewable energy systems to achieve carbon neutrality and support sustainable industrial development. The session was highly informative and interactive, providing participants with valuable insights into emerging carbon management technologies and their potential applications in future energy and environmental systems.

Invited Lecture - 2:

The second invited lecture was delivered by Dr. B. Uma Maheswari, Associate Professor, Department of Chemical Engineering, Coimbatore Institute of Technology, Coimbatore, on the topic "Carbon Capture Beyond Mitigation: Resource Recovery and Utilization." She presented an insightful lecture on innovative approaches to carbon dioxide capture that extend beyond emission reduction and focus on the effective utilization of captured carbon as a valuable resource. The speaker shared the research activities carried out in her laboratory, explaining the techniques employed to capture carbon dioxide from various sources and its subsequent conversion into useful products. She highlighted the utilization of captured carbon dioxide in the production of value-added fertilizers, demonstrating how carbon can be transformed into beneficial agricultural inputs that support sustainable farming practices. In addition, she discussed other potential applications of captured carbon dioxide, emphasizing the concept of resource recovery and the importance of converting industrial emissions into economically valuable products instead of treating them solely as waste. The lecture also stressed the significance of integrating carbon capture technologies with circular economy principles to reduce environmental impact while creating sustainable industrial opportunities. The session concluded by encouraging researchers and students to explore innovative carbon utilization pathways that contribute to climate change mitigation, resource conservation, and sustainable development. The lecture was highly informative and interactive, providing participants with valuable insights into laboratory-scale carbon capture technologies and their practical applications in resource recovery and environmental sustainability.

Invited Lecture - 3:

The third invited lecture was delivered by Dr. S. Mothil, Associate Professor, Department of Chemical Engineering, Kongu Engineering College, Erode, on the topic "CO₂ Utilization in Industrial Applications." He provided a comprehensive overview of the various industrial pathways for utilizing captured carbon dioxide as a valuable raw material rather than treating it as a waste product. The speaker discussed the conversion of carbon dioxide into value-added chemicals, synthetic fuels, polymers, and construction materials through advanced chemical and biological processes. He highlighted the role of carbon dioxide in enhanced oil recovery, chemical synthesis, beverage carbonation, refrigeration, and the production of specialty chemicals, emphasizing its growing importance in sustainable industrial practices. He also explained the integration of Carbon Capture, Utilization, and Storage (CCUS) technologies with renewable energy systems to produce green fuels and reduce the carbon footprint of industrial operations. Furthermore, he emphasized the economic and environmental benefits of adopting carbon utilization technologies, illustrating how industries can simultaneously reduce greenhouse gas emissions and generate valuable products. The lecture concluded by stressing that effective CO₂ utilization is a key component of the circular carbon economy and plays a significant role in achieving carbon neutrality and sustainable industrial development. The session was highly informative and interactive, providing participants with valuable insights into the emerging industrial applications of carbon dioxide and the future prospects of carbon-based resource utilization.

Invited Lecture - 4:

The fourth invited lecture was delivered by Dr. S. Balasubramanian, Professor, Department of Chemical Engineering, KPR Institute of Engineering and Technology, Coimbatore, on the topic "Carbon to Chemicals: Emerging Opportunities for Future Chemical Engineers." He delivered an insightful lecture on the transformation of carbon dioxide from an environmental pollutant into a valuable chemical feedstock through sustainable conversion technologies. The speaker explained the various catalytic, electrochemical, thermochemical, and biological pathways for converting captured carbon dioxide into value-added chemicals such as methanol, formic acid, urea, dimethyl carbonate, methane, and other industrially important products. He highlighted the emerging role of green hydrogen in carbon dioxide conversion processes and emphasized how carbon utilization technologies contribute to the development of a circular carbon economy. The lecture also focused on the growing opportunities for chemical engineers in the fields of carbon capture, utilization, green process

design, catalyst development, renewable energy integration, and sustainable manufacturing. He encouraged students to develop interdisciplinary skills and actively contribute to innovative solutions for achieving carbon neutrality and industrial decarbonization. The lecture concluded by emphasizing that future chemical engineers will play a pivotal role in developing economically viable and environmentally sustainable carbon utilization technologies. The session was highly informative and inspiring, providing participants with valuable insights into emerging research areas and career opportunities in carbon-based sustainable technologies.

Details of the Sessions:

Forenoon -

Inaugural Function

Chief Guest

Er James Solomon

Managing Partner

Jaas Tekhnologiya

Coimbatore

Invited Lecture I

Invited Lecture by:

Er James Solomon,

Managing Partner

Jaas Tekhnologiya

Coimbatore

Topic: "Carbon Capture Technologies and Processes"

Invited Lecture II

Invited Lecture by:

Dr B Uma Maheswari,

Associate Professor

Department of Chemical Engineering

Coimbatore Institute of Technology, Coimbatore

Topic: "Carbon Capture Beyond Mitigation: Resource Recovery and Utilization"

Invited Lecture III

Invited Lecture by:

Dr S Mothil

Associate Professor

Department of Chemical Engineering

Kongu Engineering College, Erode

Topic: "CO₂ Utilization in Industrial Applications"

Invited Lecture IV

Invited Lecture by:

Dr S Balasubramanian

Professor

Department of Chemical Engineering

KPR Institute of Engineering and Technology, Coimbatore

Topic: "Carbon to Chemicals: Emerging Opportunities for Future Chemical Engineers"

Valedictory Session

Valedictory Session

POSTER



WEBIMG



IMG1



IMG2



Event No	Zimbabwe Summit 2026/2026-27/ODD/005
Status	Closed
Name	Zimbabwe Summit 2026
Date and Time	29-07-2026 09:00 AM to 09:00 PM
Mode	On Campus
Type	Expo (Project, Product, etc.,)
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure, 12: Responsible Consumption and Production, 13: Climate Action, 17: Partnerships to achieve the Goal
Department	Zimbabwe Summit 2026
Faculty Internal Participants	15
Students Internal Participants	116

Staffs Involved

No	Full Name	Role
1	OA006 - RAMESHKUMAR T	Convenor
2	ME057 - UDHAYAKUMAR N	Coordinator
3	EE012 - REVATHI R	Coordinator
4	EC127 - KAUSALYA G	Coordinator
5	MI007 - ARNAB SIKIDAR	Coordinator
6	CE088 - BHARANI S	Coordinator
7	CS140 - AMITHA I C	Coordinator
8	CH018 - LAXMI DEEPAK BHATLU M	Coordinator
9	AD021 - ABISHEK S	Coordinator
10	AM012 - KIRUTHIGA K	Coordinator
11	BME30 - MONISHA R	Coordinator
12	CB004 - TANISHA	Coordinator
13	ME114 - VIGNESH R	Coordinator
14	NT917 - SANDHIYA K	Coordinator
15	OA008 - KAPIL G S	Coordinator
16	25CS154 - MURUGESHWARI K	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Mr. Raymore Machingura,	Special Advisor to the President of Zimbabwe on Scholarships		Ministry of Zimbabwe
2	Guest of Honour	Ms.Stell Nkomo	Ambassador of Zimbabwe to India		Ministry of Zimbabwe
3	Resource Person	Dr. Wadzanai Kacheri	Chief Director of Scholarship Administration		Ministry of Zimbabwe

Events

KPRIET Institute of Engineering and Technology

No	Type	Name	Designation	Email	Organization
4	Resource Person	Mr. Phineas Manyange	Director of Finance, Presidential and National Scholarship Department		Ministry of Zimbabwe
5	Resource Person	Ms. Annah Nyamwanza	Director of Scholarship Administration		Ministry of Zimbabwe

Event Description

Delegations from Ministry of Zimbabwe visiting KPRIET and Students from Zimbabwe studying at KPRIET displaying their projects as expo.

Actual Outcome and Report of the Event

Delegations from Ministry of Zimbabwe visited KPRIET and witnessed the projects completed by the Zimbabwe students studying at KPRIET under the Zimbabwe scholarship. Also interacted with students regarding their future opportunities.

POSTER



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	Focus-Beyond the Lens/2026-27/ODD/002
Status	Closed
Name	Focus-Beyond the Lens
Date and Time	24-07-2026 09:30 AM to 04:30 PM
Mode	On Campus
Type	Club Activity
Level	Institutional
Organized For	Student
Related SDG	11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action
Department	Focus-Beyond the Lens
Associate Departments	Sangamam
Students Internal Participants	11

Staffs Involved

No	Full Name	Role
1	EC088 - SUPRIYA M	Coordinator

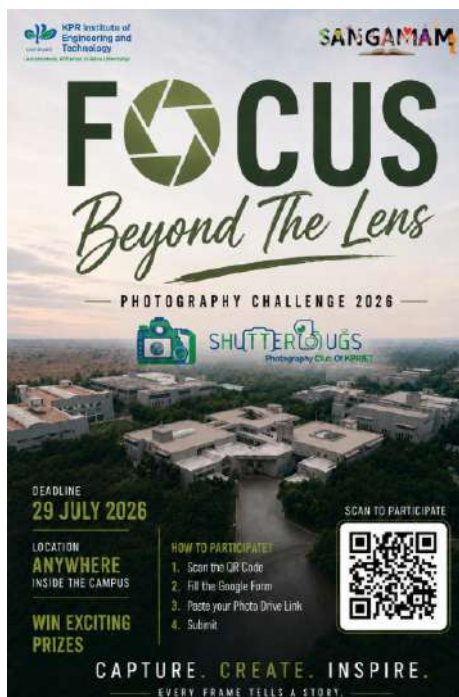
Event Description

The Shutterbugs Photography Club of KPR Institute of Engineering and Technology proudly presents FOCUS – Beyond the Lens, a campus-wide photography challenge under SANGAMAM 2026. This event encourages students to explore the beauty, creativity, and uniqueness of life within the KPRIET campus through the art of photography.

Actual Outcome and Report of the Event

The event enhanced students' creativity, observation, and photography skills by encouraging them to explore and capture meaningful moments, people, activities, nature, and unique perspectives within the campus.

POSTER



Events

KPR Institute of Engineering and Technology

WEBIMG



Event No	Beyond the Lens Photography Challenge 2026/2026-27/ODD/001
Status	Closed
Name	Beyond the Lens Photography Challenge 2026
Date and Time	24-07-2026 09:00 AM to 04:30 PM
Mode	Online
Type	Club Activity
Level	Institutional
Organized For	Student
Related SDG	8: Decent Work and Economic Growth, 13: Climate Action
Department	Beyond the Lens Photography Challenge 2026
Associate Departments	Sangamam
Students Internal Participants	13

Staffs Involved

No	Full Name	Role
1	EC088 - SUPRIYA M	Coordinator

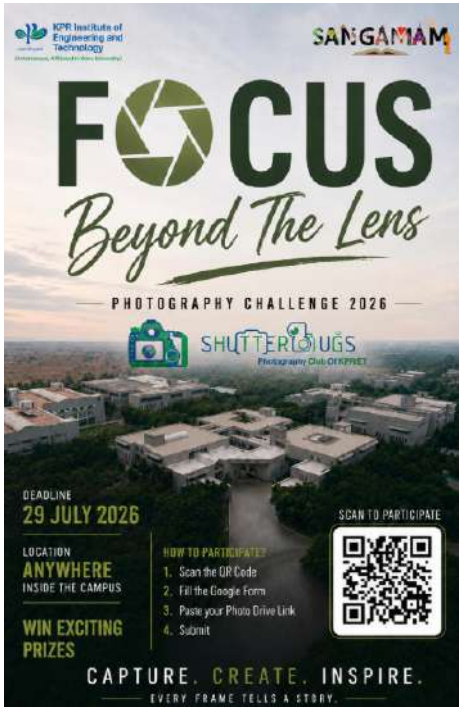
Event Description

The Shutterbugs Photography Club of KPR Institute of Engineering and Technology proudly presents FOCUS – Beyond the Lens, a campus-wide photography challenge under SANGAMAM 2026. This event encourages students to explore the beauty, creativity, and uniqueness of life within the KPRIET campus through the art of photography.

Actual Outcome and Report of the Event

Encourage appreciation of the campus environment by using photography as a medium to explore, document, and communicate ideas creatively.

POSTER



WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	Role of Emission Compliance in off road vehicles/2026-27/ODD/001
Status	Closed
Name	Role of Emission Compliance in off road vehicles
Date and Time	24-07-2026 09:30 AM to 12:30 PM
Mode	On Campus
Type	Guest Lecture
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 11: Sustainable Cities and Communities, 13: Climate Action, 15: Life on Land
Department	Role of Emission Compliance in off road vehicles
Venue	Civil Lecture Hall
Faculty Internal Participants	2
Students Internal Participants	60

Staffs Involved

No	Full Name	Role
1	CE056 - KAVINKUMAR V	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr.V.Vijayaprabakar	Senior Associate	vijayprabakar.v@caterpillar.in	Caterpillar

Event Description

Guest Lecture for the subject U21CEP14 Construction techniques, Equipments and Practices

POSTER



IMG1



IMG2



Event No	IEEE PES Event POWER CONNECT/2026-27/ODD/001
Status	Closed
Name	IEEE PES Event POWER CONNECT
Date and Time	15-07-2026 11:00 AM to 01:00 PM
Mode	Off Campus
Type	Outreach
Level	Institutional
Organized For	Other
Related SDG	4: Quality Education, 7: Affordable and Clean Energy, 13: Climate Action
Department	IEEE PES Event POWER CONNECT
Venue	Government Middle School, Uthuppalayam
Faculty Internal Participants	2
Students Internal Participants	7
Students External Participants	60

Staffs Involved

No	Full Name	Role
1	EE053 - PAZHANIMUTHU C	Convenor
2	EE016 - MOHAMED IBRAHIM A	Co-convenor

Event Description

The IEEE Power and Energy Society is planning to conduct an event "POWER CONNECT" on 15th July (Wednesday) 2026 from 11.00 AM to 01.00 PM for school students at Government Middle School, Uthuppalayam. The program aims to create awareness about electricity, renewable energy, energy conservation, and the importance of sustainable power systems through interactive sessions and engaging activities. The following students along with IEEE PES advisors are attending the events

Actual Outcome and Report of the Event

The IEEE Power & Energy Society successfully conducted the outreach event "POWER CONNECT" on 15 July 2026 at Government Middle School, Uthuppalayam. The programme was organized with the objective of creating awareness among school students about electricity, renewable energy, energy conservation, and sustainable power systems.

The session included interactive presentations, demonstrations, and engaging discussions designed for students of VI, VII, and VIII standards. The event was

Events

KPR Institute of Engineering and Technology



coordinated by 7 IEEE PES student members along with the guidance of IEEE PES advisors. Students actively participated throughout the programme. Several students eagerly asked questions related to electricity and renewable energy. Interactive question-and-answer sessions enhanced student engagement. Students who answered questions correctly were appreciated and provided with pens and chocolates as encouragement. The activities created enthusiasm and curiosity about sustainable energy technologies among the school students.

POSTER



WEBIMG



IMG1



IMG2



Event No	Department Orientation Programme – Academic Year 2026–2027/2026-27/ODD/001
Status	Closed
Name	Department Orientation Programme – Academic Year 2026–2027
Date and Time	01-07-2026 09:00 AM to 04:20 PM
Mode	On Campus
Type	Orientation
Level	Institutional
Organized For	Student
Related SDG	1: No Poverty, 2: Zero Hunger, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 6: Clean Water and Sanitation, 7: Affordable and Clean Energy, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure, 10: Reduced Inequality, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 14: Life Below Water, 15: Life on Land, 16: Peace and Justice Strong Institutions, 17: Partnerships to achieve the Goal
Department	Department Orientation Programme – Academic Year 2026–2027
Faculty Internal Participants	10
Students Internal Participants	150

Staffs Involved

No	Full Name	Role
1	ME035 - ARULMURUGAN B	Convenor
2	ME065 - GOKULKUMAR S	Co-convenor

Event Description

The Department of Mechanical Engineering organized the Orientation Programme for II and III Year students to familiarize them with the academic framework, departmental portfolios, student governance structure, career development opportunities, industry engagement activities, research prospects, and professional growth pathways available during their course of study. The programme commenced with an address by the Head of the Department highlighting the department vision, mission, academic expectations, and opportunities available to students.

The sessions covered mentoring and student governance, Outcome Based Education (OBE), Career Advancement Cell (CAC), Industry Institute Partnership Cell (IIPC), STRIDE initiatives, employability and placement readiness, value-added certifications, innovation and entrepreneurship activities through CIIED, and research and publication opportunities. Students were introduced to industrial visits, internships, higher studies pathways, competitive examinations, professional certifications, startup opportunities, funded projects, technical competitions, and campus automation platform activities. The programme also provided an interactive platform for clarifications, feedback, and action planning, enabling students to understand the resources and support systems available for their academic and professional development.

Actual Outcome and Report of the Event

Actual Outcome of the EventThe Orientation Programme was successfully conducted for the students of the Department of Mechanical Engineering. The programme enabled students to gain a comprehensive understanding of the department's academic ecosystem, mentoring framework, student governance structure, and various opportunities available for their professional growth. Students actively interacted with faculty coordinators and mentors, clarified academic and career-related queries, and demonstrated enthusiasm towards participating in departmental activities.

The sessions created awareness about Outcome Based Education (OBE), higher education opportunities, placement preparation strategies, industry collaborations, internships, value-added certifications, innovation and entrepreneurship initiatives, and research activities. Students expressed keen interest in joining professional societies, participating in hackathons, pursuing certifications through NPTEL and SWAYAM, and engaging in research, project development, and publication activities. The programme also facilitated the identification of student representatives and coordinators for various departmental portfolios, thereby strengthening student participation and leadership.

As a result of the programme, students developed a clear roadmap for academic progression, career planning, skill enhancement, and industry readiness. The orientation effectively motivated students to make optimum use of the opportunities provided by the department and institution for achieving academic excellence and professional success.

Report of the EventThe Department of Mechanical Engineering, KPR Institute of Engineering and Technology, organized the Orientation Programme for II and III Year students for the Academic Year 2026–2027. The programme commenced with the address by the Head of the Department, who welcomed the students and outlined the department's vision, mission, academic expectations, and opportunities available for holistic development.

The programme included sessions on Mentoring System and Student Governance, Outcome Based Education (OBE), Career Advancement Cell (CAC), Industry Institute Partnership Cell (IIPC), STRIDE Skill Development Initiatives, Employability and Industry Readiness, Certifications and Professional Development, Innovation and Entrepreneurship through CIIED, and Research, Publications, and Career Opportunities. Faculty coordinators presented the objectives, activities, and benefits associated with each portfolio and highlighted the opportunities available for student engagement.

Students were briefed on academic regulations, credit requirements, assessment processes, professional ethics, code of conduct, and campus facilities.

Events

KPR Institute of Engineering and Technology

Sessions on higher studies, GATE preparation, research fellowships, internships, industrial visits, placement readiness, technical skill development, and entrepreneurship encouraged students to plan their academic and professional careers effectively. The research and innovation session provided insights into project development, publications, patents, funded projects, competitive coding, and participation in national-level competitions.

The programme concluded with an open house interaction where students shared feedback and clarified their queries regarding academics, placements, research, and extracurricular activities. Overall, the event served as an effective platform to orient students towards departmental objectives, enhance awareness of available opportunities, and motivate them to actively participate in academic, research, innovation, and career development activities throughout the academic year.

IMG1



IMG2



Event No	Expert talk on Shaping tomorrow with sustainable chemistry/2025-26/ODD/014
Status	Closed
Name	Expert talk on Shaping tomorrow with sustainable chemistry
Date and Time	05-06-2026 01:30 PM to 02:29 PM
Mode	Online
Type	Expert Talk
Level	Institutional
Organized For	Teaching
Related SDG	3: Good Health and Well-being, 4: Quality Education, 6: Clean Water and Sanitation, 7: Affordable and Clean Energy, 13: Climate Action, 14: Life Below Water, 15: Life on Land
Department	Expert talk on Shaping tomorrow with sustainable chemistry
Faculty Internal Participants	10
Faculty External Participants	5
Students Internal Participants	60
Students External Participants	2
Other Participants	1

Event Description

Expert talk World Environment Day 2026 Celebration ■

Dear Students, Researchers, Academicians & Industrialists...

Join us this World Environment Day for an insightful expert talk on "Shaping tomorrow with Sustainable Chemistry*" organised by the Department of Chemistry & IEEE Education society, KPR Institute of Engineering and Technology, Coimbatore..

■ Resource Person:

Dr. Shanmugam Thiyagarajan

Senior Scientist – Sustainable Chemistry, Wageningen Food & Bio based research, Wageningen University & Research, Netherlands

■ Date: 05 June 2026

■ Time: 1:30 PM

Events

KPR Institute of Engineering and Technology

■ Mode: Zoom

<https://zoom.us/j/98518703661?pwd=OVZq9PDj7tuust8bO7WDwBe7XF9QDc.1>

Meeting chat link

<https://zoom.us/join/jc/98518703661>

Meeting ID: 985 1870 3661

Passcode: KPRIET

■■ Innovate Green • Sustain the Future • Empower Tomorrow

We look forward to your participation in this enriching session on sustainability and green innovation. ..Together, let's explore innovative pathways towards a sustainable future.

Actual Outcome and Report of the Event

Enhanced awareness of the importance of sustainability in chemical sciences and industrial practices.

Understanding of green chemistry principles and their role in reducing environmental impact.

Exposure to innovative materials, processes, and technologies that support sustainable development.

Appreciation of the need for resource conservation, waste minimization, and energy-efficient chemical processes.

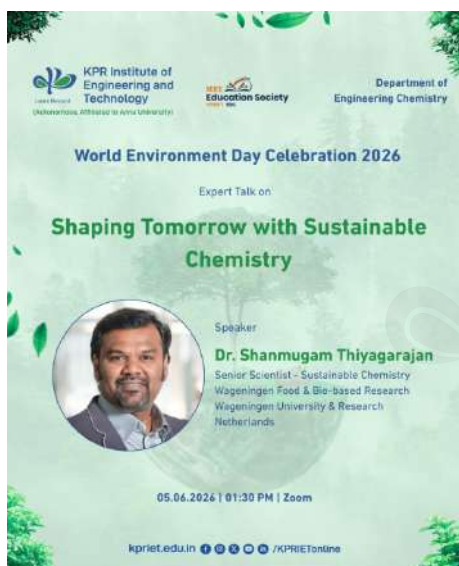
Insight into current research trends and future opportunities in sustainable chemistry.

Motivation among students and researchers to incorporate sustainable practices in their academic and professional activities.

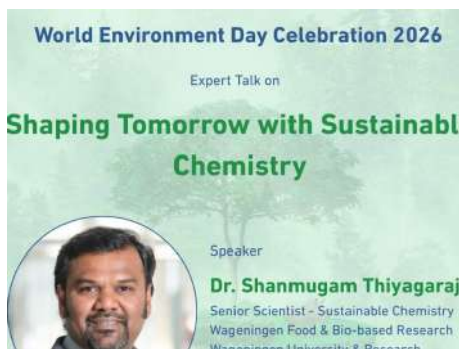
Encouragement for interdisciplinary collaboration to address environmental challenges through scientific innovation.

Strengthened commitment towards developing eco-friendly solutions for a greener and more sustainable future.

POSTER



WEBIMG



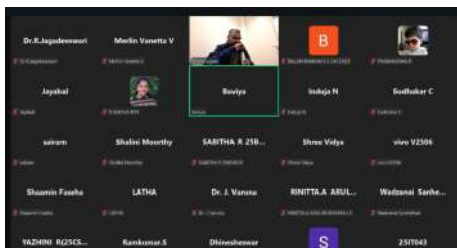
IMG1



Events

KPR Institute of Engineering and Technology

IMG2



Event No	Idea Pitch: From Global Warming to Global Warning/2025-26/ODD/047
Status	Closed
Name	Idea Pitch: From Global Warming to Global Warning
Date and Time	18-04-2026 11:00 AM to 12:00 PM
Mode	On Campus
Type	ISR Activity
Level	Institutional
Organized For	Student
Related SDG	13: Climate Action
Department	Idea Pitch: From Global Warming to Global Warning
Students Internal Participants	25

Staffs Involved

No	Full Name	Role
1	EE060 - BARANILINGESAN I	Coordinator
2	CE020 - KANMANI S	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr. S. Karunakaran	Associate Professor	karunakaran.s@kpriet.ac.in	KPR Institute of Engineering and Technology

Event Description

As part of the conclave, an idea pitch session titled "From Global Warming to Global Warning" will be conducted. Students are invited to participate in teams (maximum of 4 members) to present innovative ideas addressing climate change and sustainability issues. This platform encourages creativity, problem-solving, and real-world application of engineering knowledge aligned with SDG 13: Climate Action.

Date: 18.04.2026

Time: 9:00 AM

Venue: II Year EEE

Actual Outcome and Report of the Event

The idea pitch titled "From Global Warming to Global Warning" aims to transform awareness of climate change into urgent, solution-driven action aligned with Sustainable Development Goal 13. By the end of the activity, participants will be able to recognize climate change as an immediate global threat, critically analyze its causes and impacts, and propose innovative engineering or community-based solutions to mitigate its effects. The pitch encourages students to move beyond understanding global warming as a concept and instead treat it as a "global warning" that demands responsible decision-making, sustainable practices, and proactive interventions.

POSTER



IMG1



IMG2



Event No	Green transition 2026:EngineeringSolutions for Climate Actions/2025-26/ODD/046
Status	Closed
Name	Green transition 2026:EngineeringSolutions for Climate Actions
Date and Time	18-04-2026 09:30 AM to 10:30 AM
Mode	On Campus
Type	Seminar
Level	Institutional
Organized For	Student
Related SDG	13: Climate Action
Department	Green transition 2026:EngineeringSolutions for Climate Actions
Faculty Internal Participants	2
Students Internal Participants	50

Staffs Involved

Events

KPR Institute of Engineering and Technology

No	Full Name	Role
1	EE060 - BARANILINGESAN I	Coordinator
2	CE020 - KANMANI S	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr. S. Karunakaran	Associate Professor	karunakaran.s@kpriet.ac.in	KPR Institute of Engineering and Technology

Event Description

KPR Institute of Engineering and Technology proudly presents the Sustainability Conclave 2026, a seminar focused on the theme "Green Transition 2026: Engineering Solutions for Climate Action." This event aims to inspire students to think innovatively and contribute towards sustainable development through engineering solutions.

The seminar will feature an expert talk by Dr. Karunakaran S, Associate Professor, Department of Chemical Engineering, KPRIET, who will share valuable insights on climate challenges and practical approaches for a greener future.

As part of the conclave, an idea pitch session titled "From Global Warming to Global Warning" will be conducted. Students are invited to participate in teams (maximum of 4 members) to present innovative ideas addressing climate change and sustainability issues. This platform encourages creativity, problem-solving, and real-world application of engineering knowledge aligned with SDG 13: Climate Action.

Actual Outcome and Report of the Event

The seminar "Green Transition 2026: Engineering Solutions for Climate Action" aims to equip participants with the knowledge and skills to address climate change through innovative engineering solutions aligned with Sustainable Development Goal 13. Participants will gain an understanding of climate challenges, explore green technologies such as renewable energy and sustainable transportation, and develop practical, climate-responsive solutions. The seminar also fosters interdisciplinary collaboration, ethical responsibility, and an action-oriented mindset, enabling students to design and implement sustainable initiatives.

POSTER



IMG1



Event No	ASPEN Plus Refresher Course and User Certification Exam/2025-26/ODD/052
Status	Closed
Name	ASPEN Plus Refresher Course and User Certification Exam
Date and Time	26-03-2026 09:00 AM to 04:30 PM
Mode	On Campus
Type	Certification Courses
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure, 13: Climate Action
Department	ASPEN Plus Refresher Course and User Certification Exam
Venue	CH Classroom
Students Internal Participants	45

Staffs Involved

No	Full Name	Role
1	CH021 - SARATH S	Coordinator
2	CH020 - PRANAV S	Coordinator

Event Description

The ASPEN Plus Refresher Course and User Certification Exam strengthens participants' proficiency in process simulation, enhancing their technical competence in chemical and process engineering applications. It supports sustainable industrial practices by enabling efficient design, optimization, and resource management aligned with global sustainability goals.

Actual Outcome and Report of the Event

Participants will strengthen their foundational and applied proficiency in Aspen Plus for process simulation and flow sheet development. They will demonstrate the ability to select appropriate thermodynamic models and analyze process behavior effectively. Learners will gain hands-on competence in optimizing unit operations, sensitivity analysis, and flow sheet convergence. The certification validates industry-relevant skills, enhancing professional credibility and employability in process industries. Overall, the program enables participants to apply simulation-driven decision-making for efficient and sustainable process design.

IMG1



IMG2



Events

Event No	Heat load estimation & Drafting of HVAC Systems/2025-26/ODD/026
Status	Closed
Name	Heat load estimation & Drafting of HVAC Systems
Date and Time	25-03-2026 09:30 AM to 04:15 PM
Mode	On Campus
Type	Guest Lecture
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 13: Climate Action
Department	Heat load estimation & Drafting of HVAC Systems
Faculty Internal Participants	2
Students Internal Participants	50

Staffs Involved

No	Full Name	Role
1	ME057 - UDHAYAKUMAR N	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr. T.R. Gokula Krishnan	Director	udaymechsix@gmail.com	Everest Chillers Pvt. Ltd.

Event Description

The Department of Mechanical Engineering at KPR Institute of Engineering and Technology is organizing an Industry Expert Talk on “Heat Load Estimation & Drafting of HVAC Systems” on 25th and 26th March 2026. The session will be delivered by T. R. Gokula Krishnan, Director of Everest Chillers Pvt. Ltd.. This event aims to provide practical knowledge on heat load calculations and HVAC system design. Participants will gain industry insights, learn modern design techniques, and understand real-world applications, enhancing their technical skills and career readiness in HVAC engineering.

Actual Outcome and Report of the Event

Report on Industry Expert Talk

Organized by the Department of Mechanical Engineering

KPR Institute of Engineering and Technology

Event Details

Event Title: Industry Expert Talk on Heat Load Estimation and Drafting of HVAC Systems

Speaker: Mr. T. R. Gokula Krishnan

Designation: Director, Everest Chillers Pvt. Ltd., Coimbatore

Dates: 25 & 26 March 2026

Time: 09:15 AM to 04:15 PM

Venue: Elective Hall, Mechanical Block

Organized by: Department of Mechanical Engineering, KPRIET

1. Introduction

The Department of Mechanical Engineering, KPR Institute of Engineering and Technology, organized a two-day Industry Expert Talk on the topic “Heat Load Estimation and Drafting of HVAC Systems” on 25th and 26th March 2026 at the Elective Hall, Mechanical Block.

The session was delivered by Mr. T. R. Gokula Krishnan, Director, Everest Chillers Pvt. Ltd., Coimbatore. The program was conducted from 09:15 AM to 04:15 PM and aimed to provide students with practical exposure to the design, estimation, and implementation aspects of HVAC systems.

The expert talk was organized to help students understand the industrial applications of refrigeration and air-conditioning principles, with special emphasis on heat load calculation, HVAC drafting, refrigeration systems, and case-based implementation methods.

2. Day 1 Proceedings

The first day of the event focused on introducing the fundamental and practical concepts related to HVAC systems.

2.1 Welcome Address

The session began with a welcome speech by Mr. N. Udhayakumar, Course Handling Faculty, who warmly welcomed the guest speaker and participants. He

highlighted the relevance of HVAC systems in modern buildings, industries, hospitals, and residential applications, and stressed the importance of learning practical design approaches beyond textbook theory.

2.2 Introduction to HVAC

The expert started the technical session with an introduction to Heating, Ventilation, and Air Conditioning (HVAC) systems. He explained the purpose and significance of HVAC in maintaining:

Indoor thermal comfort

Air quality

Controlled humidity

Ventilation and fresh air circulation

Students were introduced to the broad applications of HVAC systems in:

Residential buildings

Hospitals

Commercial complexes

Industrial units

Clean rooms and specialized environments

2.3 Vapour Compression Refrigeration (VCR) Cycle

A detailed explanation of the Vapour Compression Refrigeration (VCR) Cycle was presented. The speaker explained the role and function of the four major components:

The thermodynamic process of refrigeration was discussed clearly, along with the flow of refrigerant through the system.

2.4 Types of Refrigeration

The speaker then explained the types of refrigeration systems, mainly classifying them into:

1. Primary Refrigeration

- Direct cooling method
- Refrigerant directly cools the required space or substance

2. Secondary Refrigeration

- Uses an intermediate cooling medium such as chilled water or brine
- Commonly used in centralized air-conditioning systems

2.5 Efficiency and Heat Load Calculation Equations

One of the most important parts of the session was the explanation of efficiency-related concepts and heat load estimation equations.

The expert explained that the total cooling load in an HVAC system depends on several heat gains such as:

Occupancy load

Lighting load

Equipment/machine load

Ventilation load

Building envelope heat gain

He discussed the significance of:

Sensible Heat

Latent Heat

Total Heat Load

2.6 Units and Conversions

The speaker also discussed commonly used HVAC units and conversions, which are very important in practical calculations and design.

Important units covered:

TR (Ton of Refrigeration)

kW

BTU/hr

CFM (Cubic Feet per Minute)

m³/min

Common conversion concepts explained:

kW to TR

TR to BTU/hr

Airflow conversions

Practical usage of each unit in HVAC design

2.7 Chillers

The topic of chillers was explained in detail as a key component in centralized air-conditioning systems.

Points discussed:

Working principle of chillers

Types of chillers

Air-cooled chillers

Water-cooled chillers

Chiller applications in large buildings and hospitals

Chilled water circulation in HVAC systems

Importance of chillers in centralized cooling systems

2.8 Data Tables and Standards (ASHRAE)

The expert emphasized the role of standard design data and professional guidelines in HVAC system planning. Discussion points included:

Importance of standard design values

Indoor design conditions

Occupancy heat gain data

Lighting and equipment load references

Standard assumptions used in practical HVAC projects

2.9. Case Studies

A major highlight of the event was the presentation of practical case studies, where students were exposed to real-world HVAC implementation and load estimation methods.

2.9.1 Case Study – Hospital Air Conditioning System Implementation

The expert explained the HVAC design process for a hospital building, which requires highly controlled and reliable air-conditioning due to critical environmental needs.

The following calculations and design aspects were discussed:

Area Calculation

TR (Ton of Refrigeration) Calculation

Lighting Load Calculation

Machine / Equipment Load

kW to TR Conversion

2.9.2 Case Study – House Air Conditioning System Implementation

The second case study focused on a residential house air-conditioning system.

The speaker explained how HVAC design for a house differs from institutional or hospital applications and how system sizing must be done carefully to avoid:

Oversizing

Under sizing

Excessive energy consumption

Topics covered in this case study:

Area Calculation

TR Calculation

Lighting Load Calculation

Appliance / Equipment Load

kW to TR Conversion

CFM Calculation for Indoor Unit Selection

POSTER



WEBIMG



Event No	Hackrace 2026/2025-26/ODD/020
Status	Closed
Name	Hackrace 2026
Date and Time	26-03-2026 09:00 AM to 04:00 PM
Mode	On Campus
Type	Club Activity
Level	Institutional
Organized For	Student
Related SDG	13: Climate Action
Department	Hackrace 2026
Venue	CSBS 2nd yr class room
Faculty Internal Participants	2
Students Internal Participants	63

Staffs Involved

No	Full Name	Role
1	CB007 - MAHESWARI S R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Jury	Mr.Santhosh NC	TL	anthosh.nc@kpriet.ac.in	Lead infrastructure Consultant ThoughtWorks

Event Description

Participants will compete in teams of three members, working collaboratively to design and develop solutions aligned with the Sustainable Development Goal (SDG) theme: Climate Change. The challenge encourages students to code, create, and innovate, focusing on real-world environmental issues and sustainable technological solutions.

HackRace 2026 aims to foster teamwork, critical thinking, and innovation among students while promoting awareness and action toward climate change. It provides a platform for young minds to transform ideas into impactful solutions.

Actual Outcome and Report of the Event

The Internal Hackathon conducted on 26th March 2026 was successfully organized with enthusiastic participation from students in our departments. The event aimed to foster innovation, teamwork, and problem-solving skills among participants. The hackathon was a great success, providing a platform for students to showcase their talents and encouraging a culture of innovation and creativity within the 2nd year.

POSTER



WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	National Level Technical Expo/2025-26/ODD/006
Status	Closed
Name	National Level Technical Expo
Date and Time	13-03-2026 09:00 AM to 04:00 PM
Mode	On Campus
Type	Expo (Project, Product, etc.,)
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 13: Climate Action
Department	National Level Technical Expo
Registration Link	https://forms.gle/Eat3uRmMyHPcsaUf7
Faculty Internal Participants	5
Students Internal Participants	17
Students External Participants	159

Staffs Involved

No	Full Name	Role
1	EE053 - PAZHANIMUTHU C	Coordinator
2	EE016 - MOHAMED IBRAHIM A	Coordinator

Event Description

The IEEE KPRIET Power & Energy Society SBC, in association with the Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, invites you to an electrifying celebration of innovation!

Event Details :

■ Date : 13 March 2026

■ Venue : EEE Department, KPR Institute of Engineering and Technology

POWER-PACKED EVENTS

■ Paper Presentation

■ Project Presentation

■ Movie Hunt

WHY YOU CAN'T MISS THIS

* Exciting Cash Prizes

* Open theme for both Paper and Project Presentation

* Certificates for Every Participant

* Refreshments & Lunch will be Provided

* No on-spot registration

DON'T WAIT — REGISTER NOW! ■

■ External: ■200 / Head

■ Internal: ■150 / Head

■ Last Date: 10 March 2026

■ Register here:

<https://forms.gle/Eat3uRmMyHPcsaUf7>

■ Ignite your ideas. Push your limits.

■ For Queries :

Ms. Nandana A – +91 81226 09509

Ms. Salai Miethula L – +91 95669 01382

Mr. Saravana Kumar C – +91 93427 78730

Actual Outcome and Report of the Event

The SparkNova'26 – National Level Technical Expo was successfully organized by the IEEE KPRIET Power & Energy Society SBC in association with the Department of Electrical and Electronics Engineering at KPR Institute of Engineering and Technology on 13 March 2026.

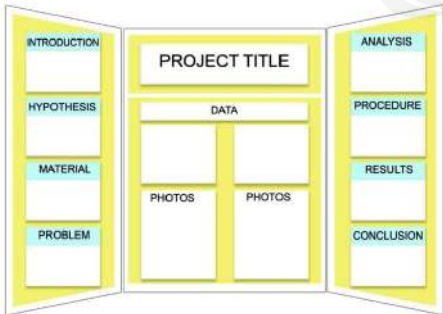
The event witnessed an enthusiastic response from participants across various institutions. A total of 70 teams registered for the event, with 176 students actively participating. Among them, 17 were internal participants from KPRIET and 159 were external participants representing different colleges.

The expo featured a variety of engaging and competitive events, including Paper Presentation, Project Presentation, and Movie Hunt. These events provided a platform for students to showcase their technical knowledge, creativity, and innovative ideas. Participants actively engaged in all activities, demonstrating strong technical skills and collaborative spirit. The open-theme format encouraged diverse ideas and innovative solutions, making the event vibrant and intellectually stimulating. The event was well-coordinated and successfully executed, ensuring a smooth experience for all participants. Refreshments and lunch arrangements added to the overall satisfaction of the attendees. Overall, SparkNova'26 turned out to be a grand success, fostering innovation, knowledge sharing, and healthy competition among students. The participants expressed their appreciation and thoroughly enjoyed the event through various activities.

POSTER



WEBIMG



IMG1



IMG2



Event No	Fiestaa'26 - Paper Presentation/2025-26/ODD/049
Status	Closed
Name	Fiestaa'26 - Paper Presentation
Date and Time	21-02-2026 09:30 AM to 01:30 PM
Mode	On Campus
Type	Presentation
Level	Institutional
Organized For	Student
Related SDG	2: Zero Hunger, 6: Clean Water and Sanitation, 7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 12: Responsible Consumption and Production, 13: Climate Action
Department	Fiestaa'26 - Paper Presentation
Venue	S&H Block - 202
Students External Participants	26

Staffs Involved

No	Full Name	Role
1	CH021 - SARATH S	Coordinator
2	CH005 - SURENDRAN G	Coordinator

Event Description

This event was part of Fiestaa'26 a inter college event with students from various backgrounds. The paper presentation was well coordinated and papers presented were both insightful and related to current sustainability trends.

Actual Outcome and Report of the Event

The Chemical Engineering Department successfully organized a student paper presentation highlighting innovations in sustainable water, farming, transport, and core chemical engineering domains. The event reinforced commitment toward the United Nations Sustainable Development Goals, particularly SDGs 2, 6, 7, 9, 12, and 13.

IMG1



IMG2



POSTER



Event No	Sustainable Energy-Efficient Food Innovation Challenge/2025-26/ODD/045
Status	Closed
Name	Sustainable Energy-Efficient Food Innovation Challenge
Date and Time	20-02-2026 10:30 AM to 01:00 PM
Mode	On Campus
Type	Competition
Level	Institutional
Organized For	Student
Related SDG	2: Zero Hunger, 7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 12: Responsible Consumption and Production, 13: Climate Action
Department	Sustainable Energy-Efficient Food Innovation Challenge
Venue	II CH Classroom
Students External Participants	24

Staffs Involved

No	Full Name	Role
1	CH016 - DHARANI L	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Jury	Ms. L. Dharani	Assistant Professor II	dharani.l@kpriet.ac.in	Department of Chemical Engineering, KPRIET

Event Description

A competition that challenges participants to develop innovative, sustainable, and energy-efficient solutions in food processing and product development. Participants will be given real-world problem statements related to sustainability and energy use in the food sector. They will be encouraged to design practical, feasible, and eco-friendly solutions. The event aims to promote creative thinking, technological innovation, and responsible food system development.

Actual Outcome and Report of the Event

Sustainable Energy – Efficient Food Innovation Challenge

FIESTAA 2026 | 20 February 2026

The Sustainable Energy – Efficient Food Innovation Challenge was successfully conducted on 20th February 2026 as part of FIESTAA 2026, with the objective of encouraging students to develop innovative and sustainable solutions addressing energy efficiency in food processing and food systems.

A total of eight problem statements related to sustainable energy utilization, resource optimization, and eco-friendly food innovations were provided to the participants. Students were required to analyze real-world challenges and propose feasible, innovative, and sustainable solutions.

The event witnessed enthusiastic participation, with seven teams comprising approximately 24 students from various disciplines. Each team presented creative and technically sound ideas focusing on areas such as energy-efficient processing methods, waste minimization, renewable energy integration, sustainable packaging concepts, and cost-effective food production strategies.

The presentations demonstrated strong analytical thinking, interdisciplinary collaboration, and practical problem-solving skills among the participants. The judging panel evaluated the teams based on innovation, feasibility, sustainability impact, technical clarity, and presentation effectiveness.

The competition resulted in several promising concepts that highlighted students' awareness of sustainable development goals and their ability to apply engineering and scientific knowledge to real-world food industry challenges.

To recognize excellence, cash prizes were awarded:

First Prize: ■2000

Second Prize: ■1500

Actual Outcomes Enhanced student awareness of sustainable and energy-efficient food technologies.

Encouraged innovation-driven thinking and practical solution development.

Improved presentation, teamwork, and research skills among participants.

Promoted interdisciplinary learning aligned with sustainability goals.

Created a platform for students to connect academic knowledge with industry-relevant challenges.

Overall, the event was highly successful in fostering innovation, sustainability consciousness, and experiential learning among students, contributing positively to the objectives of FIESTAA 2026.

POSTER



Events

KPR Institute of Engineering and Technology

WEBIMG



IMG1



IMG2



Event No	Energy Transition in India/2025-26/ODD/036
Status	Closed
Name	Energy Transition in India
Date and Time	24-01-2026 10:00 AM to 04:30 PM
Mode	On Campus
Type	Expert Discussion
Level	Institutional
Organized For	Student
Related SDG	7: Affordable and Clean Energy, 13: Climate Action
Department	Energy Transition in India
Venue	Thanam Hall
Industry Participants	18
Faculty Internal Participants	14
Faculty External Participants	2
Students Internal Participants	180

Staffs Involved

No	Full Name	Role
1	EE016 - MOHAMED IBRAHIM A	Convenor

Event Description

Industry Conclave 2026

Actual Outcome and Report of the Event

The Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, in association with IEEE Power & Energy Society (PES) and IEEE Power Electronics Society (PELS), successfully organized the Industry Academia Conclave 2026 on 24 January 2026 at Thanam Hall, KPRIET. The conclave was centered on the theme “Energy Transition in India – Bridging Policy, Technology, and Industry Needs”, addressing the evolving challenges and opportunities in the Indian power sector.

The event commenced with an inaugural session, followed by expert talks delivered by eminent speakers from government organizations, renewable energy institutions, and the power industry. The speakers shared valuable insights on power sector transformation, renewable energy integration, grid modernization, power quality and reliability, and the role of skill development in supporting India’s energy transition.

The sessions emphasized the need for close collaboration between academia and industry to ensure curriculum relevance, practical exposure, and research-driven solutions. Participants actively engaged in discussions, gaining clarity on regulatory perspectives, industry expectations, and emerging technological trends.

The conclave witnessed enthusiastic participation from industry professionals, faculty members, researchers, and engineering students, making it a vibrant platform for knowledge exchange and networking. The event concluded with an interactive session and vote of thanks, marking the conclave as a significant step towards strengthening industry–academia collaboration and preparing future-ready electrical engineers.

POSTER



WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	Basics of Oil and Gas/2025-26/ODD/041
Status	Closed
Name	Basics of Oil and Gas
Date and Time	16-12-2025 09:00 AM to 12:00 PM
Mode	On Campus
Type	One Credit Course (OCC)
Level	Institutional
Organized For	Student
Related SDG	7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 12: Responsible Consumption and Production, 13: Climate Action
Department	Basics of Oil and Gas
Venue	III CH Class room
Faculty Internal Participants	2
Students Internal Participants	70

Staffs Involved

No	Full Name	Role
1	CH004 - ARUNKUMAR N	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Venkatesan Jayaraman	Oil & Gas Domain Expert	venkysaran@gmail.com	SLB

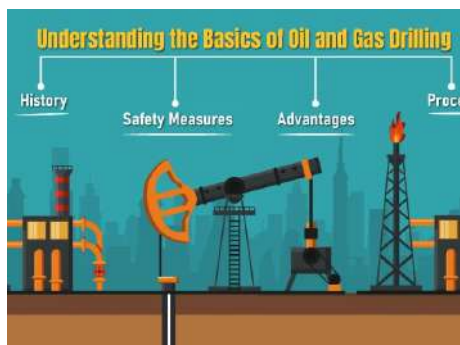
Event Description

The Basics of Oil and Gas one-credit course is designed to provide students with a fundamental understanding of the oil and gas industry, its role in the global energy system, and its relevance to sustainable development. The course introduces key concepts such as upstream, midstream, and downstream operations, exploration and production methods, refining processes, safety practices, and environmental considerations.

Actual Outcome and Report of the Event

The 15-hour Basics of Oil & Gas program enabled participants to develop a strong foundational understanding of the oil and gas industry, including hydrocarbons and the complete value chain covering upstream, midstream, and downstream operations. Students gained knowledge of upstream production and three-phase separation, midstream transportation, storage and LNG basics, downstream refinery processes and crude oil classification, as well as gas processing techniques such as gas sweetening and dehydration. The program also emphasized real-world applications and covered a wide range of technical interview questions and answers, helping students build confidence, improve industry readiness, and effectively prepare for internships and entry-level technical interviews in the oil and gas sector.

WEBIMG



Events

KPR Institute of Engineering and Technology

IMG1



IMG2



Event No	Energy Conservation week celebration/2025-26/ODD/034
Status	Closed
Name	Energy Conservation week celebration
Date and Time	19-12-2025 10:00 AM to 12:30 PM
Mode	Hybrid
Type	ISR Activity
Level	Institutional
Organized For	Student
Related SDG	7: Affordable and Clean Energy, 12: Responsible Consumption and Production, 13: Climate Action
Department	Energy Conservation week celebration
Venue	OAT
Industry Participants	40
Faculty Internal Participants	3
Students Internal Participants	40
Other Participants	30

Staffs Involved

No	Full Name	Role
1	EE067 - RAVINDRAN S	Convenor
2	NT815 - SOUNDHARRAJAN M	Coordinator
3	EE059 - CHANDRIKA V S	Coordinator

Event Description

The Institution's Innovation Council (IIC), CIIED, in association with TechnoWatt and EnSav Club, Department of Electrical and Electronics Engineering, KPR Institute of Engineering and Technology, is pleased to announce the Energy Conservation Week Celebration.

The programme is organized to create awareness on energy conservation, promote sustainable practices, and encourage active student participation in green initiatives. All students are encouraged to actively participate in this meaningful initiative and contribute towards building a sustainable and energy-efficient future.

Actual Outcome and Report of the Event

The energy conservation week is celebrated in three parts, we have provided the awareness among college students and Public with association of TNEB and Karumathappati president and public. It has created a awareness among public for energy savings

POSTER



WEBIMG



IMG1



IMG2



Event No	Energy Conservation Week Awareness Road Show/2025-26/ODD/033
Status	Closed
Name	Energy Conservation Week Awareness Road Show
Date and Time	18-12-2025 10:30 AM to 12:30 PM
Mode	Off Campus
Type	ISR Activity
Level	Institutional
Organized For	Other
Related SDG	7: Affordable and Clean Energy, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action
Department	Energy Conservation Week Awareness Road Show
Industry Participants	50
Faculty Internal Participants	2
Faculty External Participants	10
Students Internal Participants	63
Students External Participants	10
Other Participants	30

Staffs Involved

No	Full Name	Role
1	EE067 - RAVINDRAN S	Coordinator
2	NT815 - SOUNDHARRAJAN M	Coordinator

Event Description

The Department of Electrical and Electronics Engineering (TechnoWatt), KPR Institute of Engineering and Technology, in association with CIIED and TANGEDCO, is organizing an Energy Conservation Day awareness road show to promote responsible and efficient use of electrical energy. The initiative aims to educate the public on the importance of conserving energy, reducing power wastage, and adopting sustainable energy practices in daily life. Faculty members, students, and energy professionals will actively participate in spreading awareness through slogans, placards, and direct interaction with the public. The road show is scheduled on 18 December 2025 from 10:30 AM to 12:30 PM and will cover the route from Karumathampatti Bus Stop to Somanur Power House. The event emphasizes individual responsibility in achieving a sustainable future and conveys the message, "Be Aware. Save Energy. Secure the Future."

Actual Outcome and Report of the Event

The Energy Conservation Day awareness road show was successfully inaugurated by the SE, TNDPCL and AD, TANGEDCO, along with the President of Karumathampatti, marking strong support from utility officials and local administration. The active participation of 63 students and 2 faculty members, along with EB officials, enabled effective dissemination of energy conservation messages to the public through pamphlet distribution and direct interaction. The rally created significant awareness among local residents, commuters, and students from other colleges on the importance of saving electricity and adopting energy-efficient practices. The program fostered strong industry–academia–utility collaboration and enhanced students' social responsibility and leadership skills. Overall, the event achieved its objective of sensitizing the community towards sustainable energy usage and concluded successfully at the Somanur Power House with positive public engagement.

POSTER



IMG1



IMG2



Event No	Workshop on Vehicle Dynamics/2024-25/ODD/154
Status	Closed
Name	Workshop on Vehicle Dynamics
Date and Time	02-06-2025 09:00 AM to 04:00 PM
Mode	On Campus
Type	Workshop
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 13: Climate Action
Department	Workshop on Vehicle Dynamics
Venue	HV & EV LAB
Students External Participants	10

Staffs Involved

No	Full Name	Role
1	ME118 - ARPIT ANIL PANWAR	Convenor

Event Description

Events

KPR Institute of Engineering and Technology

The Department of Mechatronics, in association with the IEEE Vehicular Technology Society (VTS), organized a Skill Training Program on Vehicle Dynamics on 2nd June 2025 at the Hybrid and Electric Vehicle Laboratory, KPR Institute of Engineering and Technology. The program aimed to provide students with practical knowledge and exposure to key aspects of Electric Vehicle (EV) domain fundamentals and automotive skill training.

Event Overview

The workshop was handled by Dr. Arpit Anil Panwar Centre Manager, who delivered insightful sessions on the Basics of Vehicle Dynamics. Alongside, the student trainers from IEEE VTS - Mugesh Kumar S, Kavika Sri T, Yogeesh U, and Thenmozhi M - contributed by giving oral and practical demonstrations of essential automotive skill-based topics.

The hands-on training included:

- Wheel balancing and wheel alignment techniques.
- Understanding wear and tear due to imbalance.
- Tyre replacement after running conditions.
- Fundamentals of vehicle dynamics and its impact on EV performance. The session combined theoretical explanations with practical exposure, making the learning experience interactive and effective.

Key Highlights of the Session

- Practical exposure to wheel balancing, wheel alignment, and tyre maintenance.
- Student trainers from IEEE VTS demonstrated and guided peers, encouraging collaborative learning.
- Dr. Arpit Anil Panwar provided expert insights on vehicle dynamics and EV fundamentals.
- Focus on real-time automotive issues and their solutions.
- Hands-on skill training improved participants' technical confidence and employability skills.

Actual Outcome and Report of the Event

The Automotive Skill Training Program – Vehicle Dynamics Workshop successfully enhanced participants' knowledge of practical automotive maintenance and EV domain fundamentals. It showcased the strength of peer-led training supported by expert guidance. The session not only provided valuable skills in vehicle diagnostics and maintenance but also reinforced the importance of continuous upskilling in the evolving EV industry.

Organized under the IEEE Vehicular Technology Society, this workshop highlighted the department's commitment to bridging theoretical knowledge with hands-on practical exposure, preparing students for the future of automotive engineering.

POSTER



Event No	IdeaSprint 2.0/2024-25/ODD/035
Status	Closed
Name	IdeaSprint 2.0
Date and Time	14-03-2025 09:30 AM to 03:30 PM
Mode	On Campus
Type	Competition
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 17: Partnerships to achieve the Goal
Department	IdeaSprint 2.0
Venue	HV & EV LAB,II MI CLASS ROOM
Students External Participants	45

Staffs Involved

No	Full Name	Role
1	ME118 - ARPIT ANIL PANWAR	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Jury	Venkatesan Jayaraman	Managing Director		PROFENNA TECHNOLOGIES

Event Description

IdeaSprint 2.0 was conducted as part of FIESTTA'25, organized by the IEEE Vehicular Technology Society (VTS). The event took place on 14th of March from 9:00 AM to 1:00 PM at CoE Of Hybrid Vehicles and Electrical Vehicles. The competition aimed to encourage creativity and problem-solving by challenging participants to generate innovative ideas within a limited timeframe.

Event Overview:

IEEE VTS hosted an engaging and interactive competition titled 'IdeaSprint' on 14th of March. This event provided a platform for students to think critically and develop ideas based on problem statements related to their domain or interests. Participants were given a duration of 3 to 4 hours, starting from 9:00 AM and concluding by 1:00 PM, to select problem statements and formulate unique, practical, and innovative solutions. The event emphasized quick thinking, structured ideation, and effective presentation skills.

After the idea submission phase ended at 1:00 PM, a presentation session was conducted from 1:00 PM to 3:00 PM. During this session, participants presented their ideas to a panel of judges for evaluation. The ideas were assessed based on creativity, feasibility, and relevance to their chosen domain. This structure ensured that participants not only developed innovative solutions but also effectively communicated them to an audience. The competition fostered a spirit of innovation and critical thinking, making it a valuable learning experience for all attendees.

Key Highlights of the Session:

- Participants actively engaged in problem-solving by selecting relevant problem statements.
- The event encouraged critical thinking, structured ideation, and innovative solution development.
- Teams worked within a constrained timeframe, enhancing their time management skills.
- Presentations were evaluated on creativity, feasibility, and domain relevance.
- The event was well-received, fostering a culture of innovation and entrepreneurship.

Actual Outcome and Report of the Event

The 'IdeaSprint 2.0' event, conducted as part of FIESTTA'25 under the IEEE Vehicular Technology Society, successfully encouraged students to generate and present innovative ideas in a competitive setting. By challenging participants to develop solutions within a limited time, the event promoted creativity, structured thinking, and effective communication.

The competition reinforced IEEE VTS's commitment to fostering innovation and problem-solving skills among students. Participants gained valuable experience in rapid ideation and presentation, inspiring them to contribute to future advancements in their respective domains.

POSTER



IMG1



IMG2



Event No	Climate Responsive Infrastructure/2025-26/ODD/021
Status	Closed
Name	Climate Responsive Infrastructure
Date and Time	01-11-2025 09:30 AM to 01:00 PM
Mode	On Campus
Type	Workshop
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 11: Sustainable Cities and Communities, 13: Climate Action
Department	Climate Responsive Infrastructure
Venue	CAC Hall
Faculty Internal Participants	10
Students Internal Participants	50

Staffs Involved

Events

KPR Institute of Engineering and Technology

No	Full Name	Role
1	CE066 - INDHIRA DEVI P	Coordinator
2	CE076 - MANIKANDAN P	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Dr.S. Jayachandran	Senior Vice President	constructeasy@yahoo.com	Marutham group, Chennai

Event Description

An Expert Lecture on "Climate Responsive Infrastructure Management—Concept and Practice" will be conducted on 01.11.2025 from 9.30 AM onwards at CAC Hall.

The session will be delivered by Dr. S. Jayachandran, Senior Vice President, Marutham Group, Chennai.

The lecture will focus on sustainable and climate-adaptive infrastructure strategies for modern urban development.

Students and faculty are expected to gain valuable insights into eco-friendly design and management practices.

Actual Outcome and Report of the Event

The event on Climate Responsive Infrastructure Management enhanced participants' understanding of integrating climate resilience into infrastructure planning, design, and maintenance. It provided insights into sustainable construction practices, resource-efficient technologies, risk assessment strategies, and adaptive management approaches to address climate change impacts. The session strengthened awareness of environmentally responsible decision-making, encouraged the adoption of resilient infrastructure models, and motivated participants to incorporate climate-sensitive strategies in future projects for long-term sustainability and reduced environmental risk.

WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology



Event No	ICWA sponsored national level seminar "Climate Action and Green Diplomacy: India's Leadership in Sustainable Development & Global Partnerships,"
Status	Closed
Name	ICWA sponsored national level seminar "Climate Action and Green Diplomacy: India's Leadership in Sustainable Development & Global Partnerships,"
Date and Time	05-11-2025 09:30 AM to 04:00 PM
Mode	On Campus
Type	Seminar
Level	Institutional
Organized For	Student
Related SDG	6: Clean Water and Sanitation, 11: Sustainable Cities and Communities, 13: Climate Action, 14: Life Below Water, 15: Life on Land
Department	ICWA sponsored national level seminar "Climate Action and Green Diplomacy: India's Leadership in Sustainable Development & Global Partnerships,"
Venue	Veena Hall
Faculty Internal Participants	10
Students Internal Participants	20
Students External Participants	110

Staffs Involved

No	Full Name	Role
1	AD002 - DEVI PRIYA R	Convenor
2	CS106 - SASIKALA C	Co-convenor
3	CS116 - PRIMYA T	Co-convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Ms. Avni Sablok,	Research Associate,		ICWA
2	Resource Person	Mr.K. Kalidasan,	Environmentalist and former member of the Tamil Nadu State Board for Wildlife.		Tamil Nadu State Board for Wildlife.
3	Resource Person	Mr. Elangovan	Former Chief Engineer,		PWD
4	Resource Person	Mr. G. Sundararajan,	Member of TNCMM		TNCMM
5	Resource Person	Dr. Ibrahim Bathusha,	Professor /Cvii		PSG College of Technology,

Event Description

Departments of CSE, organizing ICWA sponsored national level seminar "Climate Action and Green Diplomacy: India's Leadership in Sustainable Development & Global Partnerships, KPRIET November 5th and 6th,2025.

Actual Outcome and Report of the Event

KPR Institute of Engineering and Technology (KPRIET), Coimbatore, organised a two-day national-level seminar on "Climate Action and Green Diplomacy: India's Leadership in Sustainable Development & Global Partnerships," sponsored by the Indian Council of World Affairs (ICWA). The event was conducted by the Department of Computer Science and Engineering of KPRIET.

Ms. Avni Sablok, Research Associate, ICWA, delivered the keynote address and highlighted the Council's role in advancing India's global engagement and promoting

informed discourse on international relations. She explained how ICWA functions as a premier think tank dedicated to studying world affairs and foreign policy while fostering India's relations with other nations through research and dialogue.

The seminar featured expert sessions from environmental and policy specialists. "Climate change is reshaping ecosystems in ways we are only beginning to understand," said Mr. K. Kalidasan, Environmentalist and former member of the Tamil Nadu State Board for Wildlife.

Mr. Elangovan K, Former Chief Engineer, PWD and Tamil Nadu Water Supply and Drainage Board, stated, "India's Sustainable Development Goals can be achieved more effectively by integrating traditional knowledge with modern technology." Mr. G. Sundararajan, Member of TNCMM, explained the structure of the national climate policy and its implementation through the Tamil Nadu Climate Change Mission.

Dr. Ibrahim Bathusha, Professor, Civil Engineering, PSG College of Technology, said, "India's climate leadership must reflect in sustainable urban models and circular approaches to wastewater management." The two-day seminar provided a platform for students and faculty to understand India's approach to global climate commitments and sustainable growth through expert perspectives and institutional engagement.

IMG1



IMG2



Event No	Walkathon in GHS/2025-26/ODD/057
Status	Closed
Name	Walkathon in GHS
Date and Time	17-10-2025 09:00 AM to 12:00 PM
Mode	Off Campus
Type	ISR Activity
Level	Institutional
Organized For	Student
Related SDG	3: Good Health and Well-being, 4: Quality Education, 6: Clean Water and Sanitation, 13: Climate Action, 15: Life on Land
Department	Walkathon in GHS
Venue	Government school
Faculty Internal Participants	2
Faculty External Participants	2
Students Internal Participants	4
Students External Participants	40

Staffs Involved

No	Full Name	Role
1	CS116 - PRIMYA T	Coordinator
2	CS104 - JEEVITHA R	Coordinator

Event Description

The session included interactive discussions and creative activities for the students.
Our team highlighted the harmful effects of plastic on the environment.
Students enthusiastically joined the awareness walk, spreading the message against plastic use.

Actual Outcome and Report of the Event

We organized a student walkathon to promote the importance of saving rainwater.
Participants carried placards and chanted slogans on water conservation.
The event created awareness about the need to harvest and protect rainwater.
Students pledged to practice and spread the message of sustainable water use.

POSTER



WEBIMG



IMG1



IMG2



Event No	Green Mindset Walkathon/2025-26/ODD/056
Status	Closed
Name	Green Mindset Walkathon
Date and Time	17-10-2025 09:00 AM to 12:00 PM
Mode	Off Campus
Type	ISR Activity
Level	Institutional
Organized For	Student
Related SDG	3: Good Health and Well-being, 4: Quality Education, 7: Affordable and Clean Energy, 13: Climate Action, 15: Life on Land
Department	Green Mindset Walkathon
Venue	Government School
Faculty Internal Participants	2
Faculty External Participants	2
Students Internal Participants	4
Students External Participants	40

Staffs Involved

No	Full Name	Role
1	CS116 - PRIMYA T	Coordinator
2	CS104 - JEEVITHA R	Coordinator

Event Description

We conducted an ISR (Institutional Social Responsibility) activity at a government school, engaging students in interactive learning sessions. The event aimed to enhance awareness about education and hygiene among children. The initiative fostered social responsibility and community connection among participants.

Actual Outcome and Report of the Event

As an outcome of the ISR activity, students actively participated in an awareness walk against plastic usage. They confidently conveyed the message, "Don't use plastics — it harms our land and climate." The event inspired eco-friendly habits and environmental consciousness among the children.

POSTER



WEBIMG



IMG1



IMG2



Event No	Youth Press Conference/2025-26/ODD/021
Status	Closed
Name	Youth Press Conference
Date and Time	26-09-2025 02:00 PM to 04:00 PM
Mode	On Campus
Type	Club Activity
Level	Institutional
Organized For	Student
Related SDG	1: No Poverty, 2: Zero Hunger, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 6: Clean Water and Sanitation, 7: Affordable and Clean Energy, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure, 10: Reduced Inequality, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 16: Peace and Justice Strong Institutions
Department	Youth Press Conference
Venue	CARE Studio
Registration Link	https://docs.google.com/forms/d/e/1FAIpQLSeRkPW3uOa3pdvuTMLKAXTW1B98f0WTHzyCtwJsipUAz7hKrQ/viewform?u
Other Participants	30

Staffs Involved

No	Full Name	Role
1	CS112 - KAVYA SP	Convenor

Event Description

The Youth Press Conference is a unique simulation event that allows participants to step into the roles of national leaders and sharp reporters. Designed to reflect the dynamism of real political interactions, the event provides a platform for students to debate, defend and decide that is mirroring the high-pressure environment of governance and journalism.

Actual Outcome and Report of the Event

The rehearsal was structured as follows:

Role Play: Participants will be assigned roles such as Prime Minister, Cabinet Ministers, or Opposition Leader etc., two days before the event.

Leadership Speeches: Leaders must present the key activities and initiatives of their ministry before facing the press.

Press Interaction: Fellow participants, acting as reporters, will pose challenging and sharp questions aimed at testing the leader's competency.

Role Switch: After speaking as a leader, each participant will take on the role of a reporter, questioning others and evaluating their responses.

Key Outputs:

Improved Leadership Skills: Participants acting as Prime Minister, Ministers or Opposition Leader developed confidence in presenting ministry activities and defending their viewpoints.

Sharper Questioning Ability: Acting as reporters, students learned to frame sharp, relevant and challenging questions that tested the depth of responses.

Enhanced Public Speaking and Communication: Participants practiced clear, persuasive and impactful speech delivery while handling press-style interactions.

Critical Thinking and Responsiveness: The event encouraged participants to think on their feet and provide wise, well-structured answers under pressure.

Collaborative Learning Experience: The dual role of leader and reporter fostered mutual learning, as participants observed, questioned, and responded to each other in a constructive environment.

Overall, the Youth Press Conference was very successful, giving participants a good opportunity to experience leadership and media interaction. The participants showed enthusiasm, creativity and confidence, which set a strong foundation for future Youth Parliament events.

POSTER



IMG1



IMG2



Event No	Field Visit to Pilloor Water Treatment Plant, Coimbatore/2025-26/ODD/013
Status	Closed
Name	Field Visit to Pilloor Water Treatment Plant, Coimbatore
Date and Time	18-09-2025 09:00 AM to 04:00 PM
Mode	Off Campus
Type	Club Activity
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 6: Clean Water and Sanitation, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 14: Life Below Water
Department	Field Visit to Pilloor Water Treatment Plant, Coimbatore
Venue	Pilloor WTP
Industry Participants	6
Faculty Internal Participants	2
Students Internal Participants	65

Event Description

A visit to the Pilloor Water Treatment Plant is arranged for III-year Civil Engineering students

Actual Outcome and Report of the Event

A Water Treatment Plant (WTP) visit provides practical insight into converting raw water into potable water. Key outcomes include observing processes like coagulation, sedimentation, and filtration, understanding disinfection via chlorination, and learning to monitor pH and turbidity. It emphasizes public health by showing how pathogens are removed to ensure safe community water supplies.

IMG1



IMG2



Event No	World Electric Vehicle day Rally, Roadshow, Exhibition/2025-26/ODD/010
Status	Closed
Name	World Electric Vehicle day Rally, Roadshow, Exhibition
Date and Time	09-09-2025 06:30 AM to 03:30 PM
Mode	Off Campus
Type	Club Activity
Level	Institutional
Organized For	Teaching
Related SDG	7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 12: Responsible Consumption and Production, 13: Climate Action
Department	World Electric Vehicle day Rally, Roadshow, Exhibition
Venue	Rase Course,Coimbatore
Industry Participants	35

Staffs Involved

No	Full Name	Role
1	EE050 - VIGNESH C J	Coordinator

Event Description

World Electric Vehicle day Rally, Roadshow, Exhibition is the Joint event organised by SSEM society with the SSEM to make awareness about the usage of Electric Vehicle

Actual Outcome and Report of the Event

The Society for Smart E-Mobility (SSEM) successfully organized the Fourth Edition of World Electric Vehicle Day Roadshow, Rally & Exhibition on September 9, 2025 at Race Course, Coimbatore. The event commenced at 7:00 AM from the starting point opposite to the Income Tax Office, Race Course, Coimbatore. Event Leadership & InaugurationThe rally was officially flagged off by distinguished dignitaries:

- Pawankumar Giriappanavar - District Collector, Coimbatore (Chief Guest)
- Saravana Sundar - Police Commissioner, Coimbatore (Guest of Honor)
- Sivaguru Prabakaran - Corporation Commissioner, Coimbatore (Guest of Honor)
- Participation DetailsParticipantsThe event witnessed significant participation with:

50-60 electric vehicles (2-wheelers, 3-wheelers, and 4-wheelers)

Over 200 members including SSEM members, non-members, senior industrialists, general public, and students from various institutions

Student ParticipationSSEM student members from participating institutes attended along with faculty members, demonstrating strong academic involvement in e-mobility awareness.

POSTER



IMG1



IMG2



Table with 2 columns: Field (Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Venue, Other Participants) and Value (Civic Policy Showdown/2025-26/ODD/014, Closed, Civic Policy Showdown, 23-08-2025 | 02:00 PM to 04:00 PM, On Campus, Club Activity, Institutional, Student, 17 SDGs, Civic Policy Showdown, III AD Classroom, 15).

Staffs Involved

Table with 3 columns: No, Full Name, Role. Row 1: 1, CS112 - KAVYA SP, Convenor.

Event Description

The Civic Policy Showdown will be conducted on 23rd August 2025 by the Youth Parliament Sangamam. The event was designed to provide young leaders with an opportunity to step into the shoes of policymakers and propose innovative solutions to real-world social problems.

Actual Outcome and Report of the Event

The Civic Policy Showdown was conducted on 23rd August 2025 by the Youth Parliament Sangamam. The event was designed to provide young leaders with an opportunity to step into the shoes of policymakers and propose innovative solutions to real-world social problems.

- 1. Opening Session: The event began with a warm welcome to all participants and the judge, followed by an introduction to the competition rules and regulations.
2. Policy Presentation: Each participant delivered a 5-minute presentation (3–5 slides) covering the problem, solution and impact of their proposed policy.
3. Q&A Session: The judge posed insightful questions to participants, testing the depth, feasibility and originality of their ideas.
4. Closing Session: The event concluded with the announcement of winners and final remarks from the judge and coordinators.

The event witnessed enthusiastic participation, with students showcasing creativity, critical thinking and persuasive communication. The Civic Policy Showdown was successfully conducted, providing a valuable platform for students to present innovative policy ideas on real-world challenges. The participants showed great creativity, confidence, and problem-solving skills, reflecting the spirit of youth working towards positive change.

POSTER



IMG1



IMG2



Table with 2 columns: Field (Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Venue, Other Participants) and Value (Un-Ironed Clothes, Un-Ironed Earth/2025-26/ODD/007, Closed, Un-Ironed Clothes, Un-Ironed Earth, 23-08-2025 | 08:45 AM to 09:05 AM, On Campus, Club Activity, Institutional, Student, 12: Responsible Consumption and Production, 13: Climate Action, Un-Ironed Clothes, Un-Ironed Earth, OAT, 120)

Staffs Involved

Table with 3 columns: No, Full Name, Role. Rows: 1. EE067 - RAVINDRAN S, Co-convenor; 2. NT815 - SOUNDHARRAJAN M, Coordinator

Event Description

The EnSav Club, in association with Student Affairs and Technowatt, is hosting an awareness drive at OAT on 23rd August 2025 (8:45–9:05 AM). Students and faculty are invited to come in unironed clothes, symbolizing the saving of nearly 200 g of CO2 emissions per person. Together, let's pledge to save energy and protect our planet. Wrinkles for Earth. Strength for the Future.

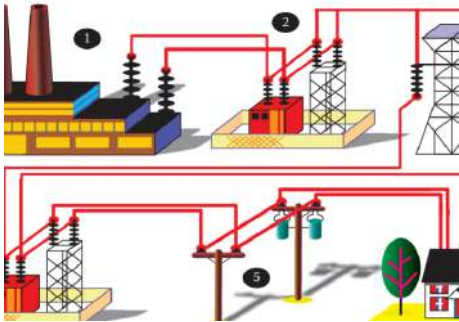
Actual Outcome and Report of the Event

The EnSav Club organized the awareness initiative “Un-Ironed Clothes, Un-Ironed Earth” on 23rd August 2025 at OAT. A total of 120 volunteers participated enthusiastically by attending the event in unironed clothes, symbolizing their commitment to reducing unnecessary energy consumption. Through this initiative, the participants collectively saved an estimated 1.2 kg of CO2 emissions in a single day by avoiding ironing. The campaign successfully spread awareness on the importance of small lifestyle changes in achieving larger sustainability goals. The event concluded with a pledge by students and faculty to adopt eco-friendly practices in daily life. The initiative was well received and demonstrated how student-led actions can create measurable environmental impact while fostering a culture of responsibility within the campus.

POSTER



WEBIMG



IMG1



IMG2



Event No	Sustainability Conclave 2025/2024-25/ODD/001
Status	Closed
Name	Sustainability Conclave 2025
Date and Time	01-04-2025 09:00 AM to 04:20 PM
Mode	On Campus
Type	Workshop
Level	Institutional
Organized For	KPRIET
Related SDG	1: No Poverty, 2: Zero Hunger, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 6: Clean Water and Sanitation, 7: Affordable and Clean Energy, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure, 10: Reduced Inequality, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 14: Life Below Water, 15: Life on Land, 16: Peace and Justice Strong Institutions, 17: Partnerships to achieve the Goal
Department	Sustainability Conclave 2025
Venue	Multiple
Industry Participants	10

Staffs Involved

No	Full Name	Role
1	CE020 - KANMANI S	Convenor

No	Full Name	Role
2	CE050 - RAJESHKUMAR V	Co-convenor
3	SH033 - SUDHA D	Co-convenor

Event Description

We are pleased to announce the Sustainability Conclave 2025, a series of events aligned with the 17 Sustainable Development Goals (SDGs). The conclave will feature awareness programs, competitions, workshops, and community-driven initiatives to promote sustainability and social responsibility.

? Date: 01.04.2025 – 28.04.2025

? Venue: Various locations across the campus

? Organized by: Team SDG & Team Sangamam

We encourage active participation from all students and faculty to make this initiative a success. Let's work together towards a greener and more sustainable future!

Actual Outcome and Report of the Event

KPRIET's Sustainability Conclave 2025 and MOU with BSG: Igniting Action for a Sustainable Future

COIMBATORE – April 28, 2025 – KPR Institute of Engineering and Technology (KPRIET) successfully completed its Sustainability month through Sustainability Conclave 2025, a month-long initiative dedicated to raising awareness, inspiring action, and fostering collaborations towards the United Nations Sustainable Development Goals (SDGs). The event united students, faculty members, experts, and various organizations in a collective commitment to build a sustainable and equitable future.

The Conclave featured 17 impactful events, each meticulously aligned with one of the 17 SDGs, promoting understanding, encouraging innovation, and showcasing best practices. The Sustainability Conclave 2025 at KPRIET served as a powerful catalyst for fostering a culture of sustainability and inspiring the next generation of leaders to actively contribute to the global agenda for a better future.

As the Sustainability Conclave 2025 drew to a close, a significant Memorandum of Understanding was signed between KPR Institute of Engineering and Technology and Bharat Soka Gakkai (BSG), New Delhi symbolized the strength of partnerships, ensuring that these efforts would continue to thrive. This collaboration signifies a shared commitment to advancing the Sustainable Development Goals and fostering a more sustainable and equitable future. The partnership aims to leverage the strengths of both Organisation to promote awareness, inspire action, and create impactful initiatives aligned with the SDGs.

Event No	Webinar on Paper recycling - A way to sustainability/2024-25/ODD/003
Status	Closed
Name	Webinar on Paper recycling - A way to sustainability
Date and Time	17-04-2025 03:00 AM to 04:00 AM
Mode	Online
Type	Webinar
Level	Institutional
Organized For	KPRIET
Related SDG	3: Good Health and Well-being, 4: Quality Education, 13: Climate Action, 15: Life on Land
Department	Webinar on Paper recycling - A way to sustainability
Venue	Veena hall
Online Medium	Zoom
Industry Participants	11
Faculty External Participants	500
Students External Participants	2
Other Participants	2

Staffs Involved

No	Full Name	Role
1	SH033 - SUDHA D	Convenor

Resource Persons

Table with 6 columns: No, Type, Name, Designation, Email, Organization. Row 1: 1, Resource Person, Er.Rajasekar, Chief operating officer, Al Jawadh Papers, Saudi arabia

Table with 2 columns: Field, Value. Fields include Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Industry Participants, Faculty External Participants, Students External Participants, Other Participants.

Staffs Involved

Table with 3 columns: No, Full Name, Role. Row 1: 1, CH020 - PRANAV S, Convenor

Event Description

Industry Conclave on Roadmap for Sustainable Chemical Processes is an occasion where experts from industries shared their views on sustainability. Panel members discussed various aspects of sustainable processing in industries.

Actual Outcome and Report of the Event

The conclave on Roadmap for Sustainable Process Engineering brought together experts, academicians, and industry leaders to deliberate on strategies for a greener future. Key outcomes included the identification of innovative process technologies to minimize energy and resource consumption, emphasis on integrating renewable energy and circular economy practices, and the need for industry-academia collaboration to accelerate sustainable solutions.

POSTER



IMG1



Event No	FDP on Sustainable Technologies for Water Treatment and Environmental Protection-2025/2024-25/ODD/001
Status	Closed
Name	FDP on Sustainable Technologies for Water Treatment and Environmental Protection-2025
Date and Time	24-03-2025 07:00 PM to 08:00 PM
Mode	Online
Type	FDP
Level	Institutional
Organized For	Teaching
Related SDG	1: No Poverty, 2: Zero Hunger, 3: Good Health and Well-being, 4: Quality Education, 6: Clean Water and Sanitation, 7: Affordable and Clean Energy, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 14: Life Below Water, 15: Life on Land
Department	FDP on Sustainable Technologies for Water Treatment and Environmental Protection-2025
Online Medium	Zoom
Meeting Link	https://zoom.us/j/92298682038?pwd=DHfJ9nvFvXHs7rlYCNJOHEiS5qKR04.1
Registration Link	https://docs.google.com/forms/d/e/1FAIpQLSdpL44Eby-bvCGFT3lqf-dDXq3hoikTu_4-IVJfZKFCak13EA/viewform?usp=sha
Industry Participants	1
Faculty External Participants	93
Other Participants	3

Staffs Involved

No	Full Name	Role
1	SH122 - SOWMYA A	Coordinator
2	SH026 - JAGADEESWARI R	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr. S. Meenakshi	Director R&D;, Senior Professor	drsmeenakshi@gmail.com	Department of Chemistry, The Gandhigram Rural Institute-DU, Dindigul, Tamil Nadu
2	Resource Person	Dr. S. Vasudevan	Chief Scientist & Professor	svasudevan65@gmail.com	Electroinorganic Chemicals Division, CSIR- Central Electrochemical Research Institute, Karaikudi, Tamil Nadu
3	Resource Person	Dr. Mahendra Chinthala	Assistant Professor	mahendra.ch6@gmail.com	Department of Chemical Engineering, National Institute of Technology Rourkela, Odisha, India
4	Resource Person	Dr. R. A. Senthil	Research Professor	senthil2551988@gmail.com	Department of Chemistry, Gyeongsang National University, South Korea
5	Resource Person	Dr. N. Viswanathan	Senior Assistant Professor	drnviswanathan@gmail.com	Department of Chemistry, Anna University, University College of Engineering-Dindigul, Tamil Nadu
6	Resource Person	Dr. Putrakumar Balla	Research Professor/Data Scientist	putrakumar@cnu.ac.kr	Department of Chemical Engineering and Applied Chemistry, Chungnam National University, South Korea
7	Resource Person	Dr. Ashish Kapoor	Professor	ashishk@hbtu.ac.in	Department of Chemical Engineering, Harcourt Butler Technical University, Kanpur, Uttar Pradesh
8	Resource Person	Dr. R. Malini	Senior Scientist	rmalinieiod@cecri.res.in	Electroinorganic Chemicals Division, CSIR- Central Electrochemical Research Institute, Karaikudi, Tamil Nadu

Event Description

Department of Chemistry is organizing an online FDP on Sustainable Technologies for Water Treatment and Environmental Protection during 24th to 29th March 2025. We are planning to have 8 expert talks as a whole. The registration fee for participant is fixed as Rs. 200.

Actual Outcome and Report of the Event

FDP on Sustainable Technologies for Water Treatment and Environmental Protection-2025

Expert Talk Schedule

Inauguration- 24/03/25; 6.45 pm

Dr. S. Meenakshi

Director R&D,

Senior Professor,

Department of Chemistry,

The Gandhigram Rural Institute-DU, Dindigul, Tamil Nadu.

Sustainable technologies for the detection and removal of water pollutants using nanocomposites

24/03/2025

7 – 8 pm

Dr. S. Vasudevan

Chief Scientist & Professor, Electroinorganic Chemicals Division, CSIR- Central Electrochemical Research Institute, Karaikudi, Tamil Nadu.

New insight into the electrochemical processes for continuous water desalination

25/03/2025;

7 – 8 pm

Dr. Mahendra Chinthala

Assistant Professor

Department of Chemical Engineering, National Institute of Technology Rourkela, Odisha, India.

Mechanistic insights into multifunctional photocatalysts for environmental remediation

26/03/2025;

7 – 8 pm

Dr. R. A. Senthil,

Research Professor

Department of Chemistry,

Gyeongsang National University,

South Korea.

Insights into Environmentally Friendly Green Hydrogen Energy Production via Low-Voltage-Driven Water Electrolysis

27/03/2025;

11.45 am – 12.45 pm

Dr. N. Viswanathan

Senior Assistant Professor

Department of Chemistry,

Anna University, University College of Engineering-Dindigul, Tamil Nadu.

Eco-friendly design of bio-hybrid materials for water purification

27/03/2025;

7 – 8 pm

Dr. Putrakumar Balla

Research Professor/Data Scientist, Department of Chemical Engineering and Applied Chemistry,

Chungnam National University,

South Korea.

Advancements in the field of value-added products from renewable biomass feedstocks

28/03/2025;

11.45 am – 12.45 pm

Dr. Ashish Kapoor

Professor,

Department of Chemical Engineering,

Harcourt Butler Technical University, Kanpur, Uttar Pradesh.

Biomass-based clean technologies for sustainable development

28/03/2025;

7 – 8 pm

Dr. R. Malini

Senior Scientist

Electroinorganic Chemicals Division, CSIR- Central Electrochemical Research Institute, Karaikudi, Tamil Nadu.

Electrochemical Pathways to Environmental Sustainability

29/03/2025;

7 – 8 pm

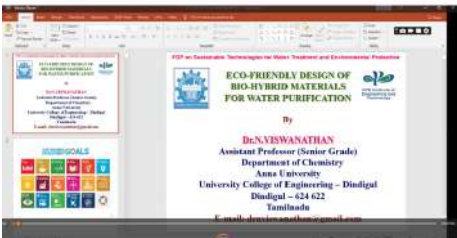
Valedictory

8 pm

POSTER



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IMG2



Event No	MoU Ceremony between KPRIET and Windplus Pvt. Ltd./2024-25/ODD/095
Status	Closed
Name	MoU Ceremony between KPRIET and Windplus Pvt. Ltd.
Date and Time	25-04-2025 11:00 AM to 11:30 AM
Mode	On Campus
Type	MoU
Level	Institutional
Organized For	KPRIET
Related SDG	4: Quality Education, 7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 13: Climate Action, 15: Life on Land
Department	MoU Ceremony between KPRIET and Windplus Pvt. Ltd.
Venue	Marigold
Industry Participants	2
Other Participants	15

Staffs Involved

No	Full Name	Role
1	EE070 - PANDIYAN P	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Dr.I.Esther	Advisor, Learning and System Development	ier@windplus.in	Windplus Pvt Ltd, Coimbatore

Event Description

Date: April 25, 2025 Time: 11:00 AM Venue: Marigold, KPRIET
KPRIET and Windplus Pvt. Ltd., Coimbatore, are partnering to boost innovation in Wind energy. This MoU signing will formalize their collaboration for joint research, student opportunities, and more. Join us to witness this significant academia-industry partnership.

Actual Outcome and Report of the Event

The event began with a warm welcome to the Managing Director and Advisor of Windplus Pvt. Ltd., Coimbatore. This was followed by a welcome address by the Head of the Department, EEE, and a presidential address delivered by Dr. D. Saravanan, Principal of KPRIET, Coimbatore. The chief guest was formally introduced, after which a Memorandum of Understanding (MoU) was signed. The session concluded with an interactive discussion between the company representatives and students, highlighting the benefits offered by the company.

- Actual Outcomes:
- Fostered innovation and research in the wind energy sector.
 - Enhanced students' professional skill sets and upskilled faculty through industry collaboration.
 - Strengthened academia-industry ties to promote collaborative research, real-world projects, and skill development initiatives.

POSTER



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IMG1



IMG2



Table with 2 columns: Field (Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Venue, Faculty External Participants, Students External Participants) and Value.

Staffs Involved

Table with 3 columns: No, Full Name, Role. Rows include AD002 - DEVI PRIYA R (Convenor), CS116 - PRIMYA T (Co-convenor), and 13219 - SASIKALA C (Co-convenor).

Resource Persons

Table with 6 columns: No, Type, Name, Designation, Email, Organization. Row 1: 1, Resource Person, Mr.PremKumar D, Assistant professor, premkumar.d@kpriet.ac.in, KPRIET.

Event Description

As part of our Institutional Social Responsibility (ISR) Initiative, we are organizing an awareness and action-oriented event titled "Plastic-Free Planet: Reduce, Reuse, Recycle." at Govt.Hr.Sec.School Vaharayam Palayam. Resource Person is Mr D.Premkumar AP / CSE This event is dedicated to educating and inspiring individuals to adopt sustainable practices to combat plastic pollution.

Actual Outcome and Report of the Event

On 19.03.2025, we hosted an inspiring event, "Plastic-Free Planet: Reduce, Reuse, Recycle," at Govt. Hr. Sec. School, Vaharayampalayam, Annur to raise awareness about environmental sustainability. The event was a great success, with enthusiastic participation from students, teachers, and community members.

Students learned about the impact of plastic pollution and the importance of adopting eco-friendly habits. A group discussion was held on innovative ways to reduce plastic usage in daily life. This event encouraged young minds to take responsibility for a greener future and make sustainable choices in their everyday lives

POSTER



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IMG1



IMG2



Table with 2 columns: Field (Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Venue, Industry Participants, Faculty External Participants, Students External Participants, Other Participants) and Value.

Staffs Involved

Events

KPR Institute of Engineering and Technology

No	Full Name	Role
1	CH008 - KARUNAKARAN S	Coordinator
2	CH004 - ARUNKUMAR N	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Dr.K.Ravichandran	Joint Chief Environmental Engineer		TN Pollution Control Board
2	Guest of Honour	Mr.Suresh Manoharan	Secretary		SIPCOT Textile Processor Association

Event Description

Dear Professors/Scholars/Students,

Greetings from the Department of Chemical Engineering!

We are excited to invite you to join us for the "International Conference on Sustainable Water 2025", taking place on March 21st and 22nd (Hybrid Mode) at the Department of Chemical Engineering

This conference aims to bring together faculty members, researchers, students and industry experts to explore innovative ideas on sustainable water challenges in environmental, economic, and societal contexts. It will be a wonderful opportunity for networking, knowledge sharing, and collaborative discussions.

Key Dates:

Abstract Submission Deadline: 05/03/2025

Acceptance Intimation: 10/03/2025

Full Manuscript Submission: 18/03/2025

Registration Deadline: 18/03/2025

To Register:

Please complete your registration using the link below:

<https://forms.gle/N7YPUHwCKRSQuqJ16>

Link for Abstract Submission:

<https://tinyurl.com/cbyrctdf>

We truly hope you will be able to participate in this important event. Feel free to share this invitation with your colleagues and students, and display it on your notice boards. We have also attached the conference brochure for your reference.

Looking forward to your presence at ICSW-2025.

Best regards,

Organizing Team

ICSW – 2025 Website: <https://kpriet.ac.in/conference/sustainablewater>

For any queries, please contact

Dr.S.Karunakaran - 9942348443

Er.N.Arunkumar - 9566977728

Actual Outcome and Report of the Event

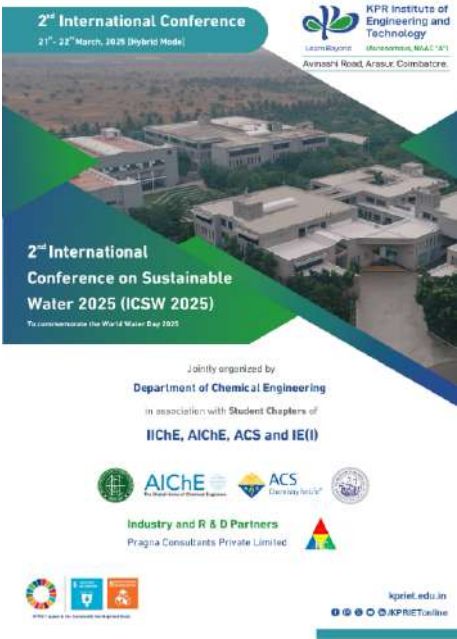
Department of Chemical Engineering in association with the student chapters of IChE, AIChE, ACS & IEI has organized an International Conference on Sustainable Water ICSW 2025 on March 21st and 22nd 2025 at KPR Institute of Engineering and Technology, Coimbatore in hybrid mode. The event was graced by Dr. K. Ravichandran, Joint Chief Environmental Engineer at the Tamil Nadu Pollution Control Board, as the Chief Guest, while Mr. Suresh Manoharan, Secretary of the Perundurai SIPCOT Textile Processors Association (PSTPA), served as the Guest of Honor. Dr.D.Saravanan, Principal, KPRIET delivered the presidential address for the inaugural ceremony. The souvenir was released by the dignitaries in the presence of all the gatherings. The diverse themes covered in this conference, including circular water economies, digital water technologies and water security highlight the urgent need for interdisciplinary approaches to address pressing water-related challenges. A total of about 167 papers were received under 11 themes and 300+ participants presented their ideas through offline and online mode. Oral presentation happened in 12 sessions with two juries in each session. The Best two papers were selected by the juries for each session and given a certificate and cash prize. The participants who have presented physically received their certificate once after the session is completed and who presented online received their e certificate through the mail. The keynote address was delivered by the speakers as parallel session at veena hall. The valedictory function was conducted on second day. Best paper awards were given to the participants and sponsors were honored. The event concluded with a vote of thanks and group photo.

Events

KPR Institute of Engineering and Technology



POSTER



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IMG1



IMG2



Event No	SDGATHON 2025/2024-25/ODD/087
Status	Closed
Name	SDGATHON 2025
Date and Time	22-03-2025 09:00 AM to 05:00 PM
Mode	On Campus
Type	Hackathon
Level	Institutional
Organized For	Other
Related SDG	1: No Poverty, 2: Zero Hunger, 3: Good Health and Well-being, 4: Quality Education, 5: Gender Equality, 6: Clean Water and Sanitation, 7: Affordable and Clean Energy, 8: Decent Work and Economic Growth, 9: Industry, Innovation and Infrastructure, 10: Reduced Inequality, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, 14: Life Below Water, 15: Life on Land, 16: Peace and Justice Strong Institutions, 17: Partnerships to achieve the Goal
Department	SDGATHON 2025
Online Medium	Others
Students External Participants	377

Staffs Involved

No	Full Name	Role
1	CE096 - Dr. ANUSHA G	Convenor
2	CE091 - Mrs. MEENAKSHI B S	Co-convenor
3	CE83 - ELAVARASAN S	Coordinator

Event Description

KPR Institute of Engineering Technology, Department of Civil Engineering, IEEE GRSS, IEEE SIGHT and IEEE KPRIET Student Branch (SB) Jointly Organizes SDGATHON 2025 - A Hackathon on Global Goals

Actual Outcome and Report of the Event

A Hackathon to popularise the United Nations’s sustainable development goals among the engineering students named SDGATHON 25 was conducted by the Civil department of KPR institute of engineering and technology Coimbatore in association with IEEE,IEEE SIGHT and the student chapter of IEEE of the institute. A total of 377 students from selected engineering colleges state wide participated in the event and submitted their innovative software, products, proof of concept, and working models. Of them, the outstanding 20 projects were awarded prizes and the topmost four were awarded special and cash prizes. Every participant was gifted with a tree sapling and a brochure related to water conservation marking the International Water Day. For the successful conduct of the event, on behalf of Dr.K.P. Ramasamy, the Chairman, and Coordinators of the event of Civil department.

POSTER



WEBIMG



Table with 2 columns: Field (Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Venue, Industry Participants, Faculty External Participants, Students External Participants) and Value.

Staffs Involved

Table with 3 columns: No, Full Name, Role. It lists three staff members: Dr. ANUSHA G, Mr. YUVARAJ S, and Dr. ANANDARAJ S.

Event Description

Department of Civil Engineering in association with Coimbatore Builders and Contractors Association (CEBACA) has planned to conduct a Executive Development Programme for the practising engineers associated with CEBACA on 29.11.2024 at our campus.

Actual Outcome and Report of the Event

CEBACA organized an Executive Development Programme aimed at enhancing the knowledge and preparedness of practicing civil engineers in addressing the challenges posed by climate change to the construction sector.

Programme Objectives:

- To create awareness about the implications of climate change on the construction industry.
To identify actionable strategies for mitigating risks associated with climate variability.
To highlight the importance of sustainable construction practices and climate-resilient designs.
To equip civil engineers with tools and knowledge to anticipate and adapt to climate-related challenges.

Dr. Ramanan delivered a comprehensive lecture that covered the following topics:

- Overview of climate change trends and projections specific to the Indian subcontinent.
The direct and indirect effects of changing weather patterns on construction projects, including risks to infrastructure durability, safety, and project timelines.
Case studies highlighting construction failures linked to inadequate climate adaptation measures.
Recommendations for climate-resilient materials, design principles, and construction techniques.

Outcomes:
Equipping participants with an understanding of the science behind climate change and its construction-related implications.
Providing actionable insights and strategies to incorporate climate resilience into design and execution phases.
Enhancing awareness about the importance of sustainability in mitigating long-term risks and promoting eco-friendly construction practices.

POSTER



WEBIMG



IMG1



IMG2



Events

KPR Institute of Engineering and Technology

Event No	Impact of Climate changes in Construction sector/2024-25/ODD/076
Status	Closed
Name	Impact of Climate changes in Construction sector
Date and Time	29-11-2024 02:00 PM to 04:30 PM
Mode	On Campus
Type	Expert Talk
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 13: Climate Action
Department	Impact of Climate changes in Construction sector
Venue	Veena Hall
Other Participants	150

Staffs Involved

No	Full Name	Role
1	CE105 - Mr. YUVARAJ S	Convenor
2	CE032 - Dr. ANANDARAJ S	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Dr S R Ramanan	Ex Director	ramanansr@gmail.com	Regional Metrological Centre

Event Description

Department of Civil Engineering in association with Coimbatore Builders and Contractors Association (CEBACA) and IEEE SIGHT and GRSS has planned to organize a Expert talk on Climate changes and its impact for the students of Civil Engineering on 29.11.2024. Session is arranged to discuss the impacts of climate change and remedial measures to overcome such situation.

Actual Outcome and Report of the Event

Department of Civil Engineering has organized an One day Civil Engineer's Technical Updation Programme in association with Coimbatore Builders and Contractors Association (CEBACA) and Kovai Kulangal on the topic "Climate Changes and its impact in Construction Sector" on November 29th, 2024. Dr. S. R. Ramanan, Ex-Director, Cyclone Warning Centre, Regional Metrological Centre, Chennai acted as the resource person for the session. Around 25 practicing engineers from 11 different industries along with our students of Civil Engineering department participated in the session. Dr. Ramanan highlighted the causes and consequences of climate change, emphasizing the urgent need for sustainable practices and collaborative action. Participants were left with a deeper understanding of climate change and its multi-faceted impact and many expressed a renewed commitment to adopting sustainable practices.

POSTER



WEBIMG



IMG1



IMG2



Event No	CLIMATE OF AFRICA/2024-25/ODD/074
Status	Closed
Name	CLIMATE OF AFRICA
Date and Time	09-12-2024 11:00 AM to 01:00 PM
Mode	On Campus
Type	Guest Lecture
Level	Institutional
Organized For	Student
Related SDG	3: Good Health and Well-being, 7: Affordable and Clean Energy, 11: Sustainable Cities and Communities, 13: Climate Action
Department	CLIMATE OF AFRICA
Venue	VEENA HALL
Industry Participants	1
Other Participants	34

Staffs Involved

No	Full Name	Role
1	CE098 - Mr. MARUTHI VENKATESH K	Coordinator

Resource Persons

Table with 6 columns: No, Type, Name, Designation, Email, Organization. Row 1: 1, Chief Guest, Dr.S.R.Ramanan, Ex- Director cyclone warning centre, meteorological department.

Event Description

Dr.S.R.Ramanan has delivered the guest lecture on climate of Africa mainly for foreign students belongs to Zimbabwe students with practical examples

Actual Outcome and Report of the Event

To know the basic about climate change in Africa and disaster occurring reasons with proper examples

WEBIMG



IMG1



Table with 2 columns: Field (Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Venue, Faculty Internal Participants, Faculty External Participants, Students Internal Participants) and Value (SOLAR POWER PLANT DESIGN AND MANAGEMENT/2024-25/ODD/045, Closed, SOLAR POWER PLANT DESIGN AND MANAGEMENT, 10-10-2024 | 09:00 AM to 12:45 PM, On Campus, Expert Visit, Institutional, Student, 7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action, SOLAR POWER PLANT DESIGN AND MANAGEMENT, Elective Hall (Mechanical Department), 1, 1, 10).

Staffs Involved

Table with 3 columns: No, Full Name, Role. Row 1: 1, ME057 - UDHAYAKUMAR N, Coordinator.

Resource Persons

Events

KPR Institute of Engineering and Technology

No	Type	Name	Designation	Email	Organization
1	Chief Guest	Dr. Matheswaran Alagu	Ph.D		O&M-Mas; Solar Systems Pvt. Ltd

Event Description

This is a Lecture for the student who have chosen Heat Dynamics as their Honours. The event covers the Renewable energy sources and systems and mainly focused on Solar power plant design and management.

Actual Outcome and Report of the Event

Outcome:

The students who participated in this event were able to learn, Solar panels and arrays with Solar PV Panels and Efficiency. Types of Solar power plants, types of wires that are used in each part of a Solar PV power plant. Student were able to visit the 5kW Solar power plant in the college and get insights on the working and installations of solar panels.

Event Report:

The Event "Solar Power Plant Design and Management" organized by the Department of Mechanical Engineering, started sharply at 9.00 a.m. in the Elective Hall. First, the welcome address was delivered by Mr. N. Udhayakumar followed by the speech of the chief guest Dr. Matheswaran Alagu. Then the lecture started with a summary of the previous lecture. The lecture continued on the Efficiency of Solar PV modules. Then a brief introduction to wire types used in Solar power plant and their configurations. Finally, the student were able to visit the 5kW Solar power plant implemented in the college to get experience and insights on the working and implementation of Solar power plant. The event concluded with the vote of thanks by Mr. Sanjay. S

POSTER



WEBIMG



IMG1



IMG2



Table with 2 columns: Field (Event No, Status, Name, Date and Time, Mode, Type, Level, Organized For, Related SDG, Department, Venue, Online Medium, Faculty Internal Participants, Students Internal Participants) and Value.

Staffs Involved

Table with 3 columns: No, Full Name, Role. Row 1: 1, ME057 - UDHAYAKUMAR N, Convenor.

Resource Persons

Table with 6 columns: No, Type, Name, Designation, Email, Organization. Row 1: 1, Resource Person, Dr. Matheswaran Alagu, Technical Lead, RAALTECH Solutions.

Actual Outcome and Report of the Event

Outcome:
The students who participated in this event learned about,
Solar Photovoltaic panel and its working mechanisms
Solar PV system connections and their configurations.
Optimal usage of Solar panels and operating conditions.
Electrical parameters and standards of Solar panels.
Selection of PV panels using Data module given by the manufacturer.

Report:
The Industry expert lecture on Solar Powerplant design and management organized by the Department of Mechanical Engineering was held on 19th September 2024. The event started at 1.30 p.m. with the Welcome address given by Mr. N. Udhayakumar addressing our guest Dr. Matheswaran Alagu, the technical lead of RAALTECH Solutions and Head Technical of O&M-Mas Solar System Pvt. Ltd followed by the speech by our guest. After the welcome speech, the podium was handed to our guest. Then he started the lecture with an introduction to Solar PV panels and their working mechanism. The students were given interactive manuals to work on Solar panel connections, single-line diagrams (SLD), and panel specifications. After the first session, refreshments were arranged for the guest during the short break. In the second session, the lecture was about Electrical parameters at standard test conditions (STC) and at NOCT, Temperature coefficient characteristics, operating conditions and the selection of panels based on these Data tables followed by a Q&A session to clarify the doubts of students participated in the event. Finally, Mr. C. Sutarshan of 2nd year Mechanical delivered the vote of thanks and concluded the event.

POSTER



WEBIMG



IMG1



IMG2



Event No	Hackathon-Coding Saksham/2024-25/ODD/014
Status	Closed
Name	Hackathon-Coding Saksham
Date and Time	12-09-2024 09:00 AM to 04:00 PM
Mode	On Campus
Type	Hackathon
Level	Institutional
Organized For	Student
Related SDG	11: Sustainable Cities and Communities, 13: Climate Action
Department	Hackathon-Coding Saksham
Industry Participants	1
Faculty Internal Participants	52

Staffs Involved

No	Full Name	Role
1	CB002 - Bazila Banu A	Convenor
2	CB001 - Shanmugapriya T	Coordinator

Event Description

The Department of CSBS is going to organize two days Hackathon-Coding Saksham-Full Stack Development on 12.09.2024 & 13.09.2024 in the theme "Weather and Climate Forecasting App" in association with Capabl.

Actual Outcome and Report of the Event

The outcome of a full-stack development hackathon focused on climate change at your college would likely depend on the goals set for the event, the projects developed, and the impact they had. Here's a general outline of possible outcomes:

1. Innovative Climate SolutionsWinning Projects: Teams could have developed web or mobile applications that focus on areas such as carbon footprint tracking, renewable energy usage, waste management, or climate data visualization.

New Ideas: The event might have resulted in novel approaches to mitigating climate change using tech, such as apps that promote eco-friendly habits or platforms to help communities track their carbon impact.

2. Skill DevelopmentParticipants' Growth: Students would have gained hands-on experience with full-stack development technologies, including front-end, back-end, databases, and cloud services. This practical experience is crucial for their future careers in tech.

Collaboration and Problem-Solving: Working in teams likely improved participants' collaboration, communication, and problem-solving skills, which are essential in both tech and climate action fields.

3. Increased AwarenessRaising Awareness: The hackathon may have also raised awareness about climate change among students, inspiring them to think about how technology can be leveraged for environmental sustainability.

Educational Talks or Workshops: Experts from environmental fields or tech industries may have conducted sessions, contributing to participants' understanding of the challenges associated with climate change and how technology can help.

4. Potential for ImplementationFuture Implementation: Some of the projects may have had the potential for further development into fully functional platforms or applications. Collaborations with environmental organizations or local governments could be explored to implement the solutions.

Support from Sponsors or College: If the hackathon was backed by sponsors or the college administration, they might provide further funding or support to develop some of the best ideas into real-world solutions.

5. Networking OpportunitiesProfessional Connections: Participants would have had the opportunity to network with industry professionals, mentors, and peers interested in climate tech, potentially opening doors for future collaborations or career opportunities.

POSTER



WEBIMG



IMG1



IMG2



Event No	Teacher's Day Celebration - Panel Discussion by students/2024-25/ODD/004
Status	Closed
Name	Teacher's Day Celebration - Panel Discussion by students
Date and Time	05-09-2024 02:30 PM to 04:00 PM
Mode	On Campus
Type	Celebration
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 7: Affordable and Clean Energy, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 12: Responsible Consumption and Production, 13: Climate Action
Department	Teacher's Day Celebration - Panel Discussion by students
Venue	Care Studio
Faculty Internal Participants	9
Students Internal Participants	7

Staffs Involved

No	Full Name	Role
1	CH020 - Pranav S Sankaran	Coordinator

Event Description

In order to celebrate Teacher's Day, IICHE Students Chapter of KPRIET has planned to organize a Panel Discussion by Students of Department of Chemical Engineering in the topic, "Future of Chemical Engineering".

Actual Outcome and Report of the Event

On Teacher's Day (05.09.2024), a panel discussion was organized by chemical engineering students on the topic "The Future of Chemical Engineering" at Care Studio (2:30 to 4:00 pm), held in the presence of the Head of Department (HoD) and faculty members. The event aimed to explore emerging trends, innovations and challenges in chemical engineering, fostering an interactive dialogue between students and faculty.

The panel comprised senior students Priyadarshini (IV-CHE) - Moderator

Sugan Raj A (IV-CHE)

Harsha Vardhini G (III-CHE)

Arun J (III-CHE)

Nikosilati Isheanesu Mazvimbakupa (II-CHE)

Hithesh.P (II-CHE)

who discussed key areas such as sustainable engineering, renewable energy, and advancements in process automation. They also highlighted the role of data analytics, artificial intelligence, and green technologies in shaping the future of the industry. Faculty members actively engaged in the discussion, sharing their insights on industry requirements and the importance of continuous learning.

Following the discussion, the event shifted to a lighter note with a fun-filled segment dedicated to the faculty. Teachers participated in a series of interactive games organized by students, fostering camaraderie and enjoyment. Activities like Tower with carrom coins, Musical chairs with passing ball, and light-hearted competitions brought smiles to everyone's faces, celebrating the bond between students and teachers.

The event concluded with a vote of thanks, recognizing the efforts of faculty members and emphasizing the importance of mentorship in shaping future engineers. The day was a blend of thoughtful discussion and joyful celebration, making it a memorable occasion for all.

POSTER



WEBIMG



IMG1



IMG2



Event No	HACKXELERATE/2024-25/ODD/013
Status	Closed
Name	HACKXELERATE
Date and Time	24-04-2025 08:00 AM to 08:00 PM
Mode	Hybrid
Type	Hackathon
Level	Institutional
Organized For	Other
Related SDG	3: Good Health and Well-being, 4: Quality Education, 6: Clean Water and Sanitation, 11: Sustainable Cities and Communities, 13: Climate Action
Department	HACKXELERATE
Industry Participants	12
Students External Participants	960

Staffs Involved

No	Full Name	Role
1	CB001 - SHANMUGAPRIYA T	Coordinator
2	CB002 - BAZILA BANU A	Convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Jury	Mr.Premkumar	Senior Software Engineer /Multicoreware	premmurugan229@gmail.com	Multicoreware
2	Jury	Dinesh kumar Arumugam	Senior cloud IOT Engineer-Connected vehicle system	decthe14@gmail.com	Bosch Global Software System
3	Jury	Ms.M.Nandhini	Analyst -Learning-ETA	nandhinim24@gmail.com	Infosys
4	Jury	Ms. Anu priya	SoftwareEngineer	apriya417@gmail.com	CTS
5	Jury	Prabakaran S	Full stack Developer	prabakaranpersonal@gmail.com	PNB Paribas

Event Description

HackXelerate 25 was a national-level, 24-hour offline hackathon organized as the flagship event of a three-month-long initiative aimed at fostering innovation, collaboration, and impact-driven problem-solving. Aligned with the United Nations Sustainable Development Goals (UN SDGs), the event served as a platform for young minds to develop technological solutions addressing real-world challenges.

The hackathon witnessed participation from over 950 students, representing more than 100 colleges across 15+ states in India. This diverse and talented cohort of participants brought a wide range of skills and perspectives, enhancing the overall quality and inclusivity of the event. The energy and commitment displayed throughout the 24-hour duration reflected the participants' strong motivation and passion for building solutions with purpose.

HackXelerate 25 provided an immersive experience for the participants through structured pre-event activities, including workshops, mentorship sessions, and challenge briefings. These preparatory engagements ensured that teams were well-equipped to collaborate, ideate, and innovate effectively during the main event.

The hackathon featured multiple thematic tracks, encouraging students to tackle complex global issues using technology. A distinguished panel of jury members evaluated the submissions based on innovation, feasibility, impact, and technical execution. The event recognized and rewarded outstanding performances through multiple prize categories. In addition, .xyz domain names were awarded to the top 10 teams, enabling them to take their prototypes online and further their work beyond the hackathon.

HackXelerate 25 was made possible through the generous support of sponsors including Navigate Labs, OneData, Reccsar Pvt Ltd, Gyaan Overseas, SIUK India, Retro Teenz, S2S Creations, and XYZ. Their commitment to fostering innovation and supporting student-led initiatives played a pivotal role in the success of the event.

The event was coordinated by a dedicated student organizing team under the mentorship of faculty members and the guidance of institutional leadership. It not only served as a technical competition but also as a platform for leadership, project management, and interdisciplinary collaboration.

HackXelerate 25 stands as a testament to the power of youth, community, and purpose-driven innovation. It successfully ignited a spirit of entrepreneurship

Events

KPR Institute of Engineering and Technology

and provided students with the experience, exposure, and encouragement to become future change makers.

Actual Outcome and Report of the Event

HackXelerate 25 delivered significant outcomes that extended beyond the boundaries of a traditional hackathon. As a culmination of a three-month journey, the event successfully fostered a culture of innovation, collaboration, and experiential learning among students from diverse academic institutions.

Over 950 participants from more than 100 colleges and 15+ states across India came together to build technological solutions aligned with the United Nations Sustainable Development Goals. The event created a vibrant, high-energy environment that enabled interdisciplinary teams to collaborate intensively over 24 hours, solving real-world problems through practical and innovative prototypes.

Key outcomes include:

- Development of over 180+ tech-based solutions addressing societal and environmental challenges.
- Enhanced student skills in problem-solving, coding, UI/UX, teamwork, and rapid prototyping.
- Distribution of .xyz domain names to 10 winning teams, enabling them to take their projects live.
- Recognition of exceptional projects with prizes, awards, and mentorship opportunities.
- Engagement of experienced jury members who provided industry-level feedback, pushing participants to refine their ideas.
- Strengthening of industry-academia connections through partnerships with organizations such as Navigate Labs, OneData, Reccsar Pvt Ltd, Gyaan Overseas, SIUK India, Retro Teenz, S2S Creations, and XYZ.

In addition to technical achievements, HackXelerate 25 served as a leadership and project management experience for the student organizing team. It built a strong sense of community, fostered cross-disciplinary collaboration, and inspired a new wave of student-led innovation. The event not only met its objectives but also created a sustainable model for future innovation-driven programs.

POSTER



WEBIMG



IMG1



IMG2



Event No	CLIMATE CHANGE/2024-25/ODD/037
Status	Closed
Name	CLIMATE CHANGE
Date and Time	07-03-2025 03:00 PM to 04:00 PM
Mode	Online
Type	Expert Talk
Level	Institutional
Organized For	Student
Related SDG	13: Climate Action
Department	CLIMATE CHANGE
Venue	Online
Online Medium	Google Meet
Other Participants	40

Staffs Involved

No	Full Name	Role
1	CH005 - Dr. SURENDRAN G	Convenor
2	CH017 - Dr. UMAPRIYA R	Co-convenor

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr.Sivasuryan Senthil Raman	Founder	sivasuryache@gmail.com	Spreadlove foundation

Event Description

Climate change awareness creation to young students. its a shared responsibility of every citizen to protect and foster it.

Actual Outcome and Report of the Event

Mr. Sivasuryan given lecture on what is Climate change and how it can help to increase awareness, build capacity, and develop strategies to address climate change. He also discussed about his experience on 10000+ kms travel. Students were asked about their doubts on climate change.

POSTER



WEBIMG



IMG1



IMG2



Event No	EMBEDDED C EXCELLENCE ARDUINO APPLICATIONS/2024-25/ODD/050	
Status	Closed	
Name	EMBEDDED C EXCELLENCE ARDUINO APPLICATIONS	
Date and Time	22-11-2024 08:00 AM to 04:00 PM	
Mode	Hybrid	
Type	Guest Lecture	
Level	Institutional	
Organized For	Other	
Related SDG	11: Sustainable Cities and Communities, 13: Climate Action	
Department	EMBEDDED C EXCELLENCE ARDUINO APPLICATIONS	
Venue	Veena Hall	
Students External Participants	126	

Staffs Involved

No	Full Name	Role
1	CS132 - PRIYA V	Coordinator

Resource Persons

Events

KPR Institute of Engineering and Technology

No	Type	Name	Designation	Email	Organization
1	Resource Person	Mr Mohan Raj	Associate IOT Engineer	mohanrajc.iot@easydesignsystems.in	Twirltact Technology Solutions

Event Description

Embedded c Applications using Arduino Programming

Actual Outcome and Report of the Event

students gained knowledge about a new domain

Event No	One credit Course on UAV/Drone Technology and its Applications/2025-26/ODD/023
Status	Re-Submit
Name	One credit Course on UAV/Drone Technology and its Applications
Date and Time	22-10-2025 09:00 AM to 03:30 PM
Mode	On Campus
Type	One Credit Course (OCC)
Level	Institutional
Organized For	Student
Related SDG	4: Quality Education, 9: Industry, Innovation and Infrastructure, 11: Sustainable Cities and Communities, 13: Climate Action
Department	One credit Course on UAV/Drone Technology and its Applications
Venue	IV EEE Classroom

Staffs Involved

No	Full Name	Role
1	EE048 - KAMALKUMAR V	Coordinator
2	EE059 - CHANDRIKA V S	Coordinator

Resource Persons

No	Type	Name	Designation	Email	Organization
1	Resource Person	DR.RAJU ADELA	Research Scientist		Kumamoto University Japan

Event Description

One credit course titled on "UAV/Drone Technology and its Applications" from 22/10/2025 to 25/10/2025 for the benefit of second and third year students of EEE and ECE departments in association with KIC.Dr.Raju Aedla,Research Scientist,Kumamoto University, JAPAN will handle the session

*** End of Statement ***