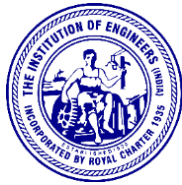




GOKARAJU RANGARAJU
Institute of Engineering & Technology
(Autonomous)

Institution of Engineers (India)-
Student Chapter-EE
Department of Electrical & Electronics Engineering



AY
2020-21

Annual Report - Events Conducted

Vinay Kumar A
Co-Ordinator, ISTE/ IEE/ EEC

Sl.No.	Event	Title	Targetted Participants	Date	No. of Participants	Resource Person
1.	Extra Curricular Activity	IEI-EE Student Chapter has organised an Online Competition "Razzle Dazzle"	UG Studens of GRIET and other college students	25-Jul-20	13+7=20	Online Competition- RAZZLE DAZZLE
2.	Extra Curricular Activity	IEI-EE Student Chapter has organised an Online Event "Don't Judge a Book by its Cover"	UG Studens of GRIET and other college students	02-Aug-20	08+02=10	Online Event, Don't Judge a Book by its Cover
3.	Technical Talk	IEI-EE Student Chapter has organised a Guest Lecture on "Technological Advancements in Marine Electrical Systems"	Faculty and UG students	29-Dec-20	5+72=77	Dr. Shashidhar K. Assistant Professor & Head Indian Naval Academy Kerala.
4.	Guest lecture	IEI-EE Student Chapter has organised a Guest Lecture on "Electric power generation and distribution in onboard ships"	Faculty and UG students	26th-june-21	3+70=73	Dr. Shashidhar K.
						Total

Total Events	
Industry Visits	--
Guest Lectures	1
FDP/Workshop	--
Seminar/Webinar	1
Co-Curricular & Extra-curricular	2
Total	4

HOD, EEE

Co-Ordinator



1. RAZZLE DAZZLE

DATE: 17th July-2020

Time: 10:00 to 1:00pm

Venue: Online

Gokaraju Rangaraju institute of Engineering and technology, Department of Electrical and electronics Engineering, IEI-EE has organised an online-Extracurricular activity in amid Covid-19 The event was held in online, an event is about collection of video clips which is broadly encompasses to put the imagination and creative things like cooking, Home workout, programming skills, art work, project work, mimicry, comedy, collection of unique things , photography, pet animals with some skills and anything which may be considered as talent which can be share with society infront of camera. All participants were actively participated in the RAZZLE DAZZLE.

The poster is a dark teal rectangular graphic with white and yellow text. At the top, it features the Gokaraju Rangaraju Institute of Engineering & Technology logo on the left and the IEI-EE logo on the right. The main title 'RAZZLE DAZZLE' is in large, bold, white letters, with 'A SHORT VIDEO MAKING COMPETITION' written below it in smaller white text. The central text lists activities like meditation, yoga, home workout, cooking, mimicry, comedy, and art work. It includes instructions on how to submit videos and contact information for WhatsApp and email. A white box on the right contains the text 'BORED IN QUARANTINE? WE HAVE GOT SOMETHING INTERESTING FOR YOU!' and a 'STAY HOME STAY SAFE' banner. At the bottom right, contact details for Danish and Alekhya are provided, along with the Instagram handle @iei_griet_ee_studentchapter.

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING & TECHNOLOGY

IEI_GRIET_EE PRESENTS

RAZZLE DAZZLE

A SHORT VIDEO MAKING COMPETITION

1. Record a short video of any of the following :

- ✓ Meditation ✓ Yoga ✓ Home workout
- ✓ Cooking ✓ Mimicry ✓ Comedy ✓ Collection of unique things ✓ Pet animals with some skills
- ✓ Art work ✓ Project work ✓ Programming skills
- ✓ Or Any kind of talent/skills you possess.

2. Send it on whatsapp or mail us.

Note that the maximum length of the video accepted is 5 minutes only.
(Faculties can also participate)

Send your work between 20th july, 2020 to 25th july, 2020 with your details at

WhatsApp : 9550541079
danishumer999@gmail.com

**BORED IN QUARANTINE?
WE HAVE GOT SOMETHING INTERESTING FOR YOU!**

STAY HOME STAY SAFE

FOR ANY QUERIES CONTACT
DANISH 8328293967
ALEKHYA 7995340167
Follow us on
@iei_griet_ee_studentchapter



2. Don't Judge a Book by its Cover

DATE: 29thth July-2020

Time: 10:00 to 1:00pm

Venue: Online

Gokaraju Rangaraju institute of Engineering and technology, Department of Electrical and electronics Engineering, IEI-EE has organised an online-Extracurricular Activity on a topic Don't Judge a Books by its Cover in amid Covid-19. The event broadly encompasses to put the inspiration and learnt lessons from experiences in the past like people gone through some incidents in their life where they actually thought of something but it happened something else so that learnt a great lesson. which can be share with society infront of camera. . All participants were actively participated in the Don't Judge a Book by its Cover.

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
IEI-GRIET-EE-STUDENT CHAPTER
PRESENTS

Don't judge a book by its cover

Everyone has gone through some incident in our life which gave you a lesson.

Where you actually thought something but it happened something else.

Just Share your story by recording it infront of camera on whatsapp.

iei-griet-ee-studentchapter
 9550541079

29/07/2020
70
02/08/2020



3. Technological Advancements in Marine Electrical Systems

DATE: 29th Dec-2020

Time: 10:00 to 1:00pm

Venue: Online

The student body of the Indian Institute of Engineers (India){IEI} of Gokaraju Rangaraju institute of engineering and technology(GRIET) organized a guest lecture by IEI on “Technological Advancements In Marine Electrical Systems” on 29th December held online. The guest speaker was Dr. Shashidhar kasthala The event was started with a welcome address by Mr. Vinay Kumar sir, later he requested Mr. Shashidhar kasthala to deliver the lecture.

Mr. Shashidhar Kasthala expressed his gratitude for being there among students and introduce himself and started his lecture. He elaborated about the marine electrical system and he discussed the power system structure, ship electrical layout, power generation on ships, objectives of a good propulsion system like mechanical propulsion, electrical propulsion, and hybrid propulsion, power distribution system on ships(Zonal distribution system), the ungrounding system in power distribution, cable insulation monitoring. He also came up with the power system protection. And he also discussed the generator to low distribution and protection, environmental concerns of the ship, zero-carbon fuels for shipping. He also explained how we come up with the problems of effects voltage sag on loads. He concluded his lecture by clarifying the queries of students.



Department of Electrical & Electronics Engineering



IEI-EE presents a Guest Lecture on

*“Technological Advancements in
Marine Electrical systems”*



By

Dr. Shashidhar K.

Assistant Professor & HOD (EPS)

Indian Naval Academy,


Ministry of Defence.

Ezhimala, Kerala.

Time: 10:00 AM to 11:15 AM


Venue: *Online through google meet.






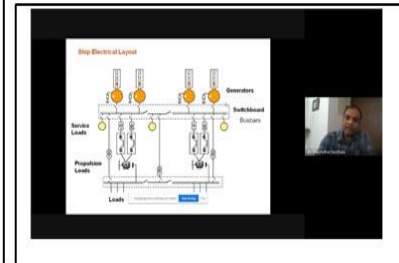
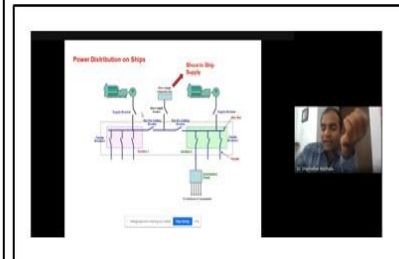
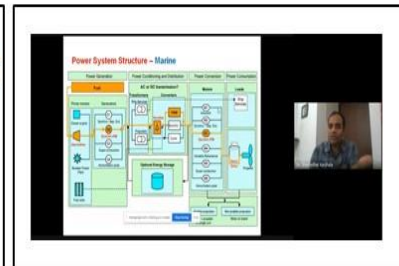
IEI-EE has organised a Guest Lecture on 29th Dec 2020

“Technological Advancements in Marine Electrical systems”





By
Dr. Shashidhar K.
Assistant Professor & HOD (EPS) Indian Naval Academy,
Ministry of Defence,
Ezhimala, Kerala.





4. Electrical power generation and distribution in Onboard Ships

DATE: 26th June 2021

Time: 10:00 to 4:00pm

Venue: Online

The student body of the Indian Institute of Engineers (India){IEI} of Gokaraju Rangaraju institute of engineering and technology (GRIET) organized a guest lecture by IEI on “Electrical power generation and distribution in Onboard Ships” on 26th June 2021 held online. The guest speaker was Dr. Shashidhar kashthala The event was started with a welcome address by Mr. Vinay Kumar sir and spoke a few words about him and introduced the topic of lecture and it’s importance, later he requested Mr. Shashidhar kashthala to deliver the lecture.

Mr. Shashidhar Kasthala expressed his gratitude for being there among students and introduced himself and started his lecture. He elaborated about the Onboard ships which is based on terrestrial power plants and different types of ships like Tugboat, Oil tanker, Multipurpose ship, Yacht, submarine and Battleship. The usage of nuclear power in the Marine Systems, power distribution system on ships (Zonal distribution system), the ungrounding system in power distribution, cable insulation monitoring. He also came up with the power system protection. And he also discussed the generator to low distribution and protection, environmental concerns of the ship, zero-carbon fuels for shipping. He also explained how we come up with the problems of effects voltage sag on loads. He shared the knowledge like testing of high resistance earthing undergrounded system, static frequency converter is used nowadays to convert different frequencies to required frequencies, three phase AC type generator is used in marine ships for power generation, The length of the destroyer is about 510feets and The Frigate is the war ship which is used to battle against enemy ships. Then he concluded his lecture by clarifying the queries of students.



Department of Electrical & Electronics Engineering
IEE-EE presents a Guest Lecture on

"Electrical Power generation and distribution in On-board Ships"

By
Dr. Shashidhar K.
Assistant Professor & HOD (EPS)
Indian Naval Academy,
Ministry of Defence,
Ezhimala, Kerala.

Time: 11:00 AM to 12:30 AM
Venue: *Online through google meet.

Power Generation and Distribution Onboard Ships

Dr. Shashidhar Kasthala
HoD (EPS)
Indian Naval Academy
Ezhimala, Kerala

Battleship, Container ship, Passenger vessel, Yacht, Tugboat, Submarine, Multipurpose ship, Oil tanker

11:21 AM | EEE - III - Mini Project with Seminar1 - 024he

People

- Shanu Prakash A
- vishika kumarika
- Dr. Shashidhar Kasthala
- Novreen Burada
- Sathija Pulaboina
- Sarjany Kumar Murgu
- praveen jaggde
- 53 others
- You

People list (partial):
Praveetha Parimala
Praveetha Manoharan
Praveen Jaggde
Preetham Desai
Randeep Mahendra Prat...
Reethika Padhala
Rishi Sundara

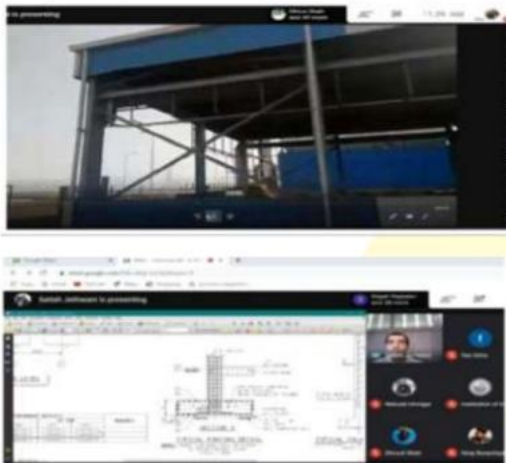
Reports from Engineering College Students' Chapter



Screen shot of the talk

B V M Engineering College (Gujarat)

The IEI Students' Chapter, Civil Engineering Department of Birla Vishvakarma Mahavidyalaya organized a virtual visit to an industrial plant on 20 March 2021.



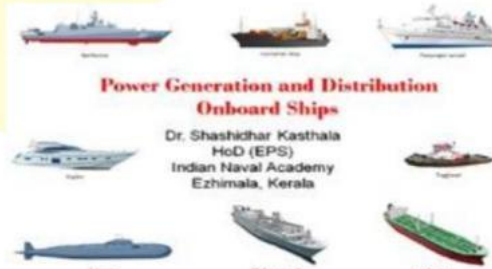
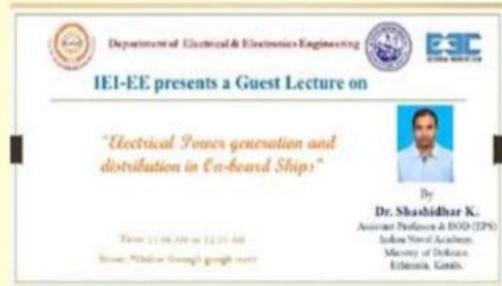
Screenshot of the visit

The IEI Students' Chapter, Civil & Structural Engineering Department of B V M Engineering College organized a Farewell Ceremony on 18 June 2021.

Gokaraju Rangaraju Institute of Engineering and Technology (Telangana)

The IEI Students' Chapter, Department of Electrical and Electronics Engineering of

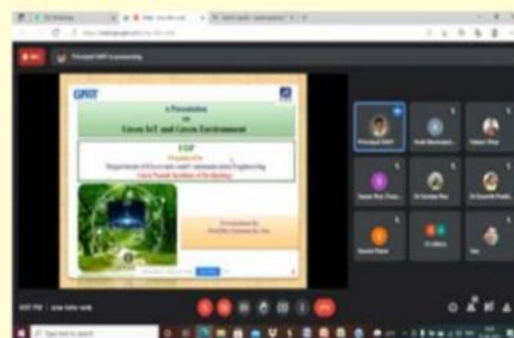
Gokaraju Rangaraju Institute of Engineering and Technology organized a guest lecture "Electrical Power Generation and Distribution in Onboard Ships" on 26 June 2021.



Flyer and screenshot of the event

Guru Nanak Institute of Technology (West Bengal)

The IEI Students' Chapter, Department of Electronics & Communication Engineering of Guru Nanak Institute of Technology organized a five day online national faculty development program on "Implementation of Machine Intelligence towards Digital India" between 22-26 June 2021.



Screen shot of the event