# GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

## IEEE GRIET STUDENT BRANCH

(STB64761)

# IEEE GRIET SB

2020-2022

# ANNUAL REPORT

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY
Survey No. 288 Nizampet Road, Krishnaja Hills, Bachupally, Kukatpally,
Hyderabad, Telangana 500090

# MEMBERSHIP STATISTICS

| YEAR | COUNT |
|---|---|
| 2022 | 220 |
| 2021 | 106 |
| 2020 | 104 |
| 2019 | 104 |
| 2018 | 142 |
| 2017 | 151 |
| 2016 | 148 |
| 2015 | 134 |
| 2014 | 128 |

IEEE

Presents this Certificate commemorating the formation of the

*Gokaraju Rangaraju Institute of Engineering & Technology Student Branch*

subject to the
IEEE Constitution, Bylaws and Standing Rules

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC. FOUNDED NEW YORK 1884

Formal Recognition 2005

Michael Lightner
President

30 June 2011
VIJAYA YELLASIRI
GOKARAJU RANGARAJU INST. OF ENGG. & TECH
BACHUPALLY, NIZAMPET ROAD,
KUKATPALLY
HYDERABAD 500090
INDIA
Dear Vijaya Yellasiri:

Congratulations! It is a pleasure to inform you that the requirements of the Member and Geographic Activities Board Operations Manual have been met, and the IEEE Women in Engineering Student Branch Affinity Group at Gokaraju Rangaraju Institute Of Engineering & Technology has been formed. The effective date of this Women in Engineering Student Branch Affinity Group formation is 29 June 2011.

On behalf of the IEEE and its members, I would like to welcome your affinity group to the student program. If you have any questions or need assistance, please do not hesitate to contact our Student Services department at:

Student Services

IEEE Member and Geographic Activities Department
445 Hoes Lane
Piscataway, NJ 08854
student-services@ieee.org, email

Sincerely,

Cecelia Jankowski
Managing Director
Member and Geographic Activities

IEEE
*Advancing Technology for Humanity*

**Cecelia Jankowski**
*Managing Director*
*Member and Geographic Activities*
Phone +1 732 562 5504
Fax +1 732 981 1591
c.jankowski@ieee.org

22 July 2015

DR.PVS SRINIVAS GRIET
CSE DEPT, GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING
BACHUPALLY, KUKATPALLY
HYDERABAD 500 090
INDIA

Dear Podili VS Srinivas:

Congratulations! It is a pleasure to inform you that the requirements of the Member and Geographic Activities Board Operations Manual have been met and the IEEE Computer Society Student Branch Chapter at the Gokaraju Rangaraju Institute of Engineering & Technology has been formed. The effective date of this Student Branch Chapter formation is 16 July 2015.

On behalf of the IEEE and its members, I would like to welcome your Branch Chapter to the student program. If you have any questions or need assistance, please do not hesitate to contact our Student Services department at:

Student Services
IEEE Member and Geographic Activities Department
445 Hoes Lane
Piscataway, NJ 08854

student-services@ieee.org, email
+1 732 562 5527, phone
+1 732 463 9359, fax

Sincerely,

Cecelia Jankowski
Managing Director
Member and Geographic Activities

cc: R. Kappagantu – Region 10 Director
R. Ingle – Region 10 Student Activities Chair
M. Zahoor – Region 10 Student Representative
T. Conte – Computer Society President
E. Burd – Computer Society Vice-President, Member & Geographic Activities
R. Reilly – Computer Society Geographic Activities Vice-Chair
S. Koduri – Hyderabad Section Name Chair
V. Yellasiri – Student Branch Counselor
P. Kollimarla – Student Branch Chair
Y. Siriki – Student Branch Chapter Chair

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Advancing Technology for Humanity

**Cecelia Jankowski**
*Managing Director*
*Member and Geographic Activities*
Phone +1 732 562 5504
Fax +1 732 867 9943
c.jankowski@ieee.org

DECEMBER 11, 2018

SREE HARI VEERAMACHANENI
ASSOCIATE PROFESSOR, ECE DEPARTMENT
GRIET, BACHUPALLY, NIZAMPET ROAD
HYDERABAD – 500090
INDIA

Dear Sree Hari Veeramachaneni:

Congratulations! It is a pleasure to inform you that the requirements of the Member and Geographic Activities Board Operations Manual have been met and the IEEE Geoscience and Remote Sensing Society Student Branch Chapter at the Gokaraju Rangaraju Institute of Engineering & Technology has been formed. The effective date of this Student Branch Chapter formation is December 6, 2018.

On behalf of the IEEE and its members, I would like to welcome your Branch Chapter to the student program. If you have any questions or need assistance, please do not hesitate to contact our Student Services department at:

Student Services
IEEE Member and Geographic Activities Department
445 Hoes Lane
Piscataway, NJ 08854

student-services@ieee.org, email
+1 732 562 5527, phone
+1 732 463 9359, fax

Sincerely,

Cecelia Jankowski
Managing Director
Member and Geographic Activities

cc: K. Chun – Region 10 Director
R. Ingle – Region 10 Student Activities Chair
P. Pethiyagode – Region 10 Student Representative
A. Camps – Geoscience & Remote Sensing Society President
F. Melgani – Geoscience & Remote Sensing Society Chapter Committee Chair
P V S Maruthi Rao – Hyderabad Section Chair
V. Yellasiri – Student Branch Counselor
S. Donga – Student Branch Chair
K. A. Varma – Student Branch Chapter Chair

# Awards and recognition

IEEE GRIET SB is immensely proud and blissed out to proclaim our new collection of triumphs. The Student Branch has been providing its student members with a wide range of opportunities and helped in the promotion of IEEE and its mission. In recognition of the team's commitment to excellence, IEEE GRIET SB has been awarded with imminent awards by the IEEE Hyderabad Section.

## 2020

IEEE GRIET SB has been recipient to the following awards in the year 2020.

- **Outstanding Lead Student Branch**
  The lead student branch award is given to a student branch that has provided its student members with various volunteering opportunities and meet the goals of IEEE.
- **Outstanding Student Branch Chapter Award**
  IEEE GRIET SB Power and Energy Society (PES) has been awarded the Outstanding Student Branch Chapter Award 2020 for displaying a variety of socially and technologically relevant events to uplift the chapter and society.

- **Outstanding Advisor Award**
  Dr. J. Praveen sir, has been awarded the prestigious IEEE Outstanding Advisor 2020 by the Hyderabad Section for providing constant guidance and pioneering contribution towards the development of PES chapter of IEEE GRIET.

- **Outstanding Student Volunteer Award**
  After successfully catering to the needs of IEEE and showcasing an exemplary leadership as the IEEE GRIET SB Chairperson, Akash Reddy. CH has been awarded as the Outstanding Student Volunteer by IEEE Hyderabad Section.

## IEEE Regional Exemplary Student Branch Award (2020)

IEEE GRIET SB has been conferred the eminent Regional Exemplary Student Branch Award 2020. THis prestigious award is presented annually to a Student Branch that has displayed finesse to promote the values of IEEE among all its student members. We thank the entire IEEE GRIET SB team for keeping its complete solidarity to fulfill the goals of IEEE and achieving this remarkable feat.

IEEE

IEEE Regional Exemplary Student Branch Award 2020

Presented to

Gokaraju Rangaraju Institute of Engineering and Technology

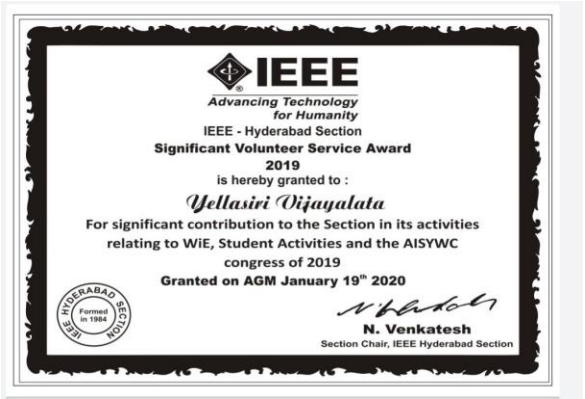
Hyderabad section, R10

For exemplary performance as an active IEEE Student Branch offering technical programs, activities, professional networking opportunities that enable members in building critical skills.

13th November 2020

Toshio Fukuda
IEEE President 2020

Recipient of **"Significant Volunteer Service Award 2019"** by IEEE Hyderabad Section in January 2020.



# 2019

**Darrel Chong Student Activity Award**
IEEE GRIET SB has been conferred with Darrel Chong Student Activity in Bronze category for the mega event Illuminate 2018.

As an appreciation for valuable services and contribution as **Chair – Student Activities Committee (2018-2019), Dr. Y. Vijayalata** mam has been awarded by IEEE Hyderabad Section.

For valuable services and contribution as **Member of 2017-2018 IEEE Region 10 Educational Activities Committee**,Dr. Y. Vijayalata mam was recognised for her contributions in Jan 2019.

IEEE THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC. MALAYSIA SECTION

3rd Jan 2019

Professor Dr. Y.Vijayalata, SMIEEE
Head
Department of Information Technology
Gokaraju Rangaraju Institute of Engineering and Technology,
Hyderabad, India

Dear Professor Dr Vijayalata,

**APPOINTMENT AS PANEL OF EVALUATORS FOR IEEE MALAYSIA SECTION AWARDS 2018**

It is our great pleasure to invite you as panel of evaluators for IEEE Malaysia Section Awards 2018. The role of panel of evaluators are to evaluate the nominations based on the rubrics given and give recommendations accordingly. The evaluations will be based on the nominees' activities in 2018.

We believe that your experiences as an IEEE volunteers for many years will ensure that the evaluation process will be done in an objective and professional manner.

We appreciate your willingness to accept this appointment and we thank you in advance.

Your sincerely,

Dr. Mohammad Faizal Ahmad Fauzi, SMIEEE
Chair IEEE Malaysia Section 2018

Letter of Apperception for acting as a **"Panel of Evaluators for IEEE Malaysia Section Awards 2018"**, in January 2019.

# 2018

- **Lead Student Branch:** IEEE GRIET SB has been awarded the Lead Student Branch Award by the Hyderabad Section in 2018.

- Certificate of Appreciation for valuable services and contribution by Dr. Y. Vijayalat as **Vice-Chair – Computer Society Chapter** (2016, 2017) by IEEE Hyderabad Section in January 2018.

# 2017

*Takes pleasure in presenting this certificate to*

*Y Vijayalata*

*as the recipient of an Honorable Mention for the*

*2017 IEEE Women in Engineering Inspiring Member of the Year Award*

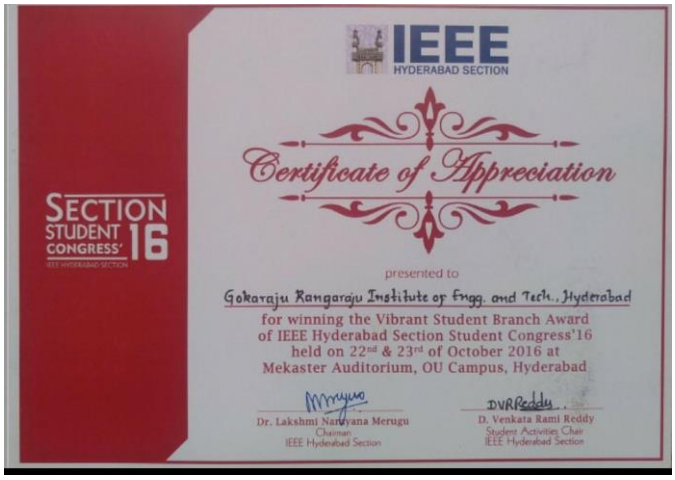
*For her outstanding contribution and services to IEEE Women in Engineering*

Bozenna Pasik-Duncan
Bozenna Pasik-Duncan
IEEE Women in Engineering Committee Chair

**Dr. Y. Vijayalata** has been recipient of an Honorable Mention for the **"2017 IEEE Women in Engineering Inspiring Member of the Year Award"** for outstanding contribution and services to IEEE Women in Engineering in 2017.

# 2016

**Vibrant Student Branch:** IEEE GRIET SB has been awarded the eminent Vibrant Student Branch of the year award by Hyderabad Section in 2016.



IEEE GRIET SB is the winner of Presentation for the **"R10 WIE Poster Session"** at the R10 Student/YP/WIE Congress in 2016.

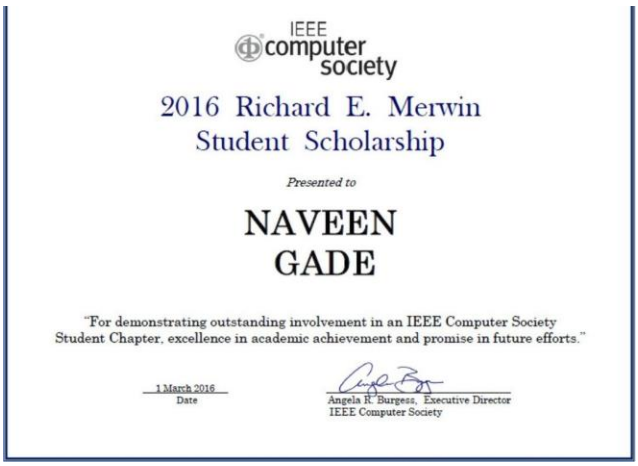
# 2015

2015 **IEEE Women in Engineering Student Branch Affinity Group of the Year Award ,**MGA Award, conferred to IEEE GRIET WIE AG.

Certificate of Appreciation for valuable services and contribution as **Chair – Student Activities Committee (2014-2015)** by IEEE Hyderabad Section.

# 2014

**Richard E. Merwin Student Scholarship presented** for G.Naveen Reddy, from IEEE Computer Society.


IEEE computer society

2016 Richard E. Merwin Student Scholarship

*Presented to*

NAVEEN GADE

"For demonstrating outstanding involvement in an IEEE Computer Society Student Chapter, excellence in academic achievement and promise in future efforts."

1 March 2016
Date

Angela R. Burgess, Executive Director
IEEE Computer Society

IEEE
Advancing Technology for Humanity

CERTIFICATE OF APPRECIATION

Presented To

*Dr. Y. Vijayalata Reddy*

in recognition and appreciation of valued services and contributions as

Region10 Women In Engineering Volunteer Committee Information Manager

Takako Hashimoto
R10 WIE Coordinator 2014

Certificate of Appreciation for valuable services and contribution as **R10 WIE volunteer manager.**

IEEE
Advancing Technology for Humanity

*IEEE hereby expresses its appreciation for Notable Services and Contributions towards the advancement of IEEE and the Engineering Professions to*

Vijayalata Yellasiri
Chair
Women in Engineering Affinity Group
Hyderabad Section
2012-2014

Director, Region 10

Certificate of Appreciation for valuable services and contribution as **Chair – Women in Engineering – Affinity Group (2012-2014)** by IEEE Hyderabad Section.

# 2013

**Outstanding Branch Counselor Award 2013 to Dr. Y. Vijayalata** at IEEE R10(Asia-Pacific).

**Vibrant Student Branch** for IEEE GRIET SB at Hyderabad Section in 2013.

- ❑ Winner of Presentation for the **"R10 WIE Poster Session"** at the R10 Student/GOLD/WIE Congress in 2013.

# 2012

**Exemplary Student Branch** for IEEE GRIET SB at R10(Asia-Pacific) in 2012.

IEEE

*Recognizes and certifies that*

**Gokaraju RangaRaju Institute of Engineering & Technology**
Hyderabad Section

*Received Third Place in*
2012 IEEE region 10 Exemplary Student Branch Award

Prof. Lawrence Wong
2011-2012 IEEE R10 Director

Prof. Takao Onoye
2011-2012 IEEE R10 Student Activities Coordinator

# IEEE GRIET SB CORE COMMITTEE 2021-2022

# IEEE GRIET SB
# EXECUTIVE COMMITTEE

DR.B.PHANEENDRA BABU
(BRANCH COUNSELOR)

ARYAN SUDHAGONI
(CHAIR)

HARSHINI PUDURI
(SECRETARY)

AMBATI ANIRUDH
(VICE CHAIR)

AGK SRI HARSHA
(GRAPHIC DESIGN)

ADITYA VAMSI
(TREASURER)

CHAVATAPALLI NEERAJ
(LOGISTICS)

# IEEE GRIET SB PES CHAPTER EXECUTIVE COMMITTEE

MR.V.VIJAYA RAMA RAJU
(PES ADVISOR)

V SAI GANESH
(CHAIR)

NIKHILA VARMA
(SECRETARY)

SUMIT KUMAR
(VICE CHAIR)

P SAI TEJA
(TREASURER)

# IEEE GRIET SB WIE AG
# EXECUTIVE COMMITTEE

DR.J.SRIDEVI
(WIE AG ADVISOR)

NAINIKA REDDY
(CHAIR)

SWARNA TEJASWI
(SECRETARY)

# IEEE GRIET SB CS CHAPTER EXECUTIVE COMMITTEE

DR. Y.VIJAYALATA
(CS ADVISOR)

YASASWINI SAI AKKALA
(CHAIR)

CHIKITHA CHOWDARY
(SECRETARY)

# IEEE GRIET SB GRSS CHAPTER EXECUTIVE COMMITTEE

DR. V. SREE HARI
(GRSS ADVISOR)

CH SRIRAMA MURTHY
(CHAIR)

MANOGNA IRUVURU
(SECRETARY)

VINAY SANKEERTH
(VICE CHAIR)

CN NEERAJ
(TREASURER)

# IEEE GRIET SB IAS CHAPTER EXECUTIVE COMMITTEE

MS SANDHYA RANI
(IAS ADVISOR)

SANIYA MAHAWIN
(CHAIR)

SANATHANA JAHNAVI
(SECRETARY)

NAMPALLI MAHESHWARI
(VICE CHAIR)

Y VIJAYASREE
(WEB MASTER)

U NIHARIKA
(TREASURER)

T. KAVYA SREE
(INDUSTRIAL AMBASSADOR)

# IEEE GRIET SB IES CHAPTER EXECUTIVE COMMITTEE

MRS.Y. SATYA VANI
(IES ADVISOR)

SRI HARSHITHA
(CHAIR)

OM POHANEKAR
(SECRETARY)

M SRIKANTH
(VICE CHAIR)

NAVEEN
(WEB MASTER)

SUSANI NEHA
(TREASURER)

N.SAI GOUTHAM
(INDUSTRIAL AMBASSADOR)

# IEEE GRIET SB CAS CHAPTER EXECUTIVE COMMITTEE

DR.V. HIMA BINDU
(CAS ADVISOR)

DEEPIKA BALLA
(CHAIR)

J PRITHVI
(SECRETARY)

CH SANKEERTH
(VICE CHAIR)

KRUPAKAR
(WEB MASTER)

SRI DHANYA
(TREASURER)

E SHRAVAN
(WEB MASTER)

# IEEE GRIET SB CIS CHAPTER EXECUTIVE COMMITTEE

DR. N. V. GANAPATHI RAJU
(CIS ADVISOR)

AISHWARYA MADAPATI
(CHAIR)

GULSHAN NAIK
(SECRETARY)

S PRASHANTH
(VICE CHAIR)

KALEPU OMKAR
(WEB MASTER)

PAVAN KUMAR
(TREASURER)

# IEEE GRIET SB MEMBERS DETAILS

| NAME: | YEAR: | BRANCH: | ROLL NO: |
|---|---|---|---|
| M.SAI SUMANA | 1 | CSE | 21241A05N9 |
| PRATHIVADA CHAKRADHAR | 2 | CSE | 20241A05M4 |
| KATTA NIKITHA | 2 | CSE | 21245A0515 |
| G. SHRUTHI | 1 | CSE | 21241A05M1 |
| TUDURU SAI NIHARIKA | 1 | CSE | 21241A05Y0 |
| T. ABHISHEK | 1 | CSE | 2124A015R5 |
| SIDHARTH GURRAM | 1 | CSE | 21241A05E5 |
| P. HERMON WILLIAMS | 1 | CSE | 21241A05Q1 |
| PITTALA VENKATA DHEERAJ REDDY | 2 | CSE | 20241A05M2 |
| SANKU DURGA SOWJANYA | 1 | CSE | 21241A05J8 |
| M.BHAVANA | 2 | CSE | 21245A0520 |
| K V CHANDRAHAS | 2 | CSE | 20241A05K4 |
| Y SATYA NARAYANA REDDY | 2 | CSE | 20241A05N9 |
| PRATHAPANI ABHINAY | 2 | CSE | 20241A05M3 |
| ADWITA JOY MERIGALA | 2 | CSE | 20241A0596 |
| P BHANU PRASAD REDDY | 2 | CSE | 20241A05A4 |
| KUSANGI SRUTHI | 2 | CSE | 21245A0518 |
| VIDYAVADICHERLA | 2 | CSE | 20241A05N7 |
| ASKANI CHANDANA | 1 | CSE | 21241A05K9 |
| VISHWITHA ODNALA | 2 | CSE | 20241A05L6 |
| KOTHA ANIRUDH | 1 | CSE | 21241A05F8 |
| AVIDI RAGHAVENDRA | 1 | CSE | 21241A05D4 |
| BEJGUM AKSHARA | 1 | CSE | 21241A05L2 |

| | | | |
|---|---|---|---|
| ANANYA CHERIPALLY | 2 | CSE | 20241A05U7 |
| THADA AMULYA REDDY | 2 | CSE | 20241A05N5 |
| NUKALA PUNEETH SAI | 1 | CSE | 21241A05H3 |
| DEEPAK MAJHI | 2 | CSE | 20241A0573 |
| A. DHARMA TEJA | 1 | CSE | 21241A05D2 |
| NITIN ANANTHAM | 1 | CSE | 21241A05H2 |
| NITHIN REDDY CHEEMALA | 1 | CSE | 2124A105H1 |
| KENDHALAYA SOUMYA SRI | 1 | CSE | 21241A05F3 |
| SANNILLA PAVAN KUMAR | 2 | CSE | 20241A05N1 |
| SATHWIK | 1 | CSE | 21241A05R6 |
| SANA MOHAMMED | 1 | CSE | 21241A05P1 |
| D.RAMYA SRI | 2 | CSE | 20241A05J1 |
| PIPPERA RASAGNA | 2 | CSE | 20241A05M1 |
| SAISANDEEP K | 2 | CSE | 20241A05K1 |
| TANUSH TALLA | 1 | CSE | 21241A05K2 |
| MORA.SIRI | 1 | CSE | 21241A05G7 |
| KEERTHANA D | 2 | CSE | 20241A0572 |
| KONCHADA HARSHITHA | 2 | CSE | 20241A05K0 |
| MANNE HARSHITH | 1 | CSE | 21241A05N8 |
| BANDARU DEVARJUN CHOWDARY | 1 | CSE | 21241A05L1 |
| CHERUKU MANEESH REDDY | 1 | CSE | 21241A05D8 |
| G.V.S NITIN | 1 | CSE | 21241A05T4 |
| ASHWIN RAJ PILLAI | 2 | CSE | 20241A05I3 |
| POTHULA NIKHILA VEERA CHANDINI | 2 | CSE | 20241A05Z1 |
| ASHRITH CHIRALA | 2 | CSE | 20241A05J0 |
| ADITYA SETTIPALLI | 2 | CSE | 20241A05N2 |

| | | | |
|---|---|---|---|
| PINNAMRAJU CHAITRA VENKATA VARMA | 1 | CSE | 21241A05J0 |
| BOINI AKSHITHA | 2 | CSE | 20241A05I8 |
| KUSAMPUDI SAI HEMANTH | 2 | CSE | 20241A05K5 |
| SAI PREETHI PALLA | 1 | ECE | 21241A04J4 |
| ABDUR RAHMAN | 1 | ECE | 21241A0432 |
| AMBATI LAKSHMI HIMAJA | 1 | ECE | 21241A04D4 |
| KOLIPINENI JOSHITHA | 2 | ECE | 20241A04E8 |
| KUSHAL VARMA | 1 | ECE | 21241A04F9 |
| SOMISHETTY BHANU TEJA | 1 | ECE | 21241A0456 |
| M.MANI KUMAR GOUD | 1 | ECE | 21241A0430 |
| K. NAVYA | 1 | ECE | 21241A0425 |
| YADALA CHANDRA HARSHA | 1 | ECE | 21241A0464 |
| GUJJA SRIKAR | 1 | ECE | 21241A0418 |
| NARMETA AKSHITH | 1 | ECE | 21241A0442 |
| UPPARI SATHWIK | 1 | ECE | 21241A0460 |
| V. ANAND SATYA SANDEEP | 1 | ECE | 21241A0461 |
| RUCHIKA AKKUGARI | 1 | ECE | 21241A0452 |
| KADARI VAMSHI | 1 | ECE | 21241A0423 |
| M DHEERAJ | 1 | ECE | 21241A0435 |
| ADAPA P J KRISHNA | 1 | ECE | 21241A0402 |
| POLICE PRAVALLIKA REDDY | 1 | ECE | 21241A0449 |
| SIDHU PERABATHINI | 1 | ECE | 21241A0448 |
| SANIA IMRA | 1 | ECE | 21241A04J5 |
| S. AKILESH | 1 | ECE | 21241AO457 |
| K TANUSHREE | 1 | ECE | 21241A04F8 |
| AREKELA ANJALI | 1 | ECE | 21241A04D5 |

| | | | |
|---|---|---|---|
| DAKSHITA | 1 | ECE | 21241A0404 |
| BHALKE POOJA | 1 | ECE | 21241A0407 |
| B KARTHIK SAI | 1 | ECE | 21241A04D6 |
| VANGA ABHINAV GOUD | 1 | ECE | 21241A04C3 |
| G TANMAYI | 1 | ECE | 21241A0415 |
| MEGHANA RANGAVARJULA | 1 | ECE | 21241A0431 |
| A V N SAI SREERAM | 2 | ECE | 20241A04I3 |
| DAGE SAI RAM | 1 | ECE | 21241A0412 |
| PAPPU PHANI SURYA NARAYANA MURTHY | 2 | ECE | 20241A04M7 |
| RAMAVATH LOKESH KUMAR | 1 | ECE | 21241A04J2 |
| RITHVIK POTHUGANTI | 1 | ECE | 21241A0451 |
| G. SRISIDI | 1 | ECE | 21241A0417 |
| SHAIK AFREEN SUMIYA | 2 | ECE | 20241A04B1 |
| KUNTAMUKKALA GOKUL CHOWDARY | 1 | ECE | 21241A04G3 |
| PRIYANKA KATTA | 2 | ECE | 20241A04K7 |
| TRIPADH BODAGALA | 1 | ECE | 21241A04K2 |
| B PAVANI | 2 | ECE | 20241A04O6 |
| DUDYALA AKASH | 2 | ECE | 20241A04J4 |
| ANIRUDH S NANDURI | 2 | ECE | 20241A04F4 |
| PALAKALA VIJAY SAI | 1 | IT | 21241A12H1 |
| PULIPAKA ANUSHA | 1 | IT | 21241A12B3 |
| GURRAM SHRIYA | 1 | IT | 21241A1222 |
| VADDE VARUN TEJ REDDY | 1 | IT | 21241A12K0 |
| SAI SRI TEJA GANDE | 1 | IT | 21241A1286 |
| VYSHNAVI. N | 1 | IT | 21241A12A4 |
| GAURI PAKHARE | 1 | IT | 21241A1221 |

| | | | |
|---|---|---|---|
| M SRIKAR BHARADWAJ | 1 | IT | 21241A1233 |
| THANOJ AILA | 1 | IT | 21241A1266 |
| PARSHA VENKATA VAS | 1 | IT | 21241A12H6 |
| VATSAVAYI SRIRAM VARMA | 1 | IT | 21241A12K1 |
| DILEEP MARUPUDI | 3 | IT | 19241A12G0 |
| MACHANNAGARI RUPALI REDDY | 1 | CSD (DATA SCIENCE) | 21241A6729 |
| SALEEM PASHA | 1 | CSB (BUSINESS SYSTEM) | 21241A3254 |
| BATTI CHAMUNDESHWARI | 1 | CSM (MACHINE LEARNING) | 21241A66D9 |
| KARTHIK RAJ BIRRU | 2 | CSM (MACHINE LEARNING) | 21245A6602 |
| BOKKA DURGA SRI HARSHITHA | 1 | CSD (DATA SCIENCE) | 21241A6713 |
| ANNE JYOTHSNA | 1 | CSM (MACHINE LEARNING) | 21241A66D4 |
| PAPAIAHGARI GAYATHRI | 1 | CSM (MACHINE LEARNING) | 21241A6651 |
| C SREEKA PARINISHTA | 1 | CSM (MACHINE LEARNING) | 21241A6615 |
| G ANUSHKA | 1 | CSM (MACHINE LEARNING) | 21241A66E9 |
| DEVIKA GOUD | 1 | CSB (BUSINESS SYSTEM) | 21241A3242 |
| U. PRIYANKA RAO | 1 | CSD (DATA SCIENCE) | 21241A6761 |
| VAMSIKA | 1 | CSD (DATA SCIENCE) | 21241A6716 |
| BANURI SHESHANTH | 1 | CSB (BUSINESS SYSTEM) | 21241A3204 |
| SHREYA MANCHIKANTI | 1 | CSM (MACHINE LEARNING) | 21241A66J5 |
| BODDULA SRUJAN TEJ | 1 | CSM (MACHINE LEARNING) | 21241A66E4 |
| BESAM SRIKANYA | 1 | CSM (MACHINE LEARNING) | 21241A6673 |
| KISHAN SAMAYAMANTRY | 1 | CSB (BUSINESS SYSTEM) | 20241A3255 |
| KASHYAP KOUTILYA ADIPUDI | 2 | CSB (BUSINESS SYSTEM) | 20241A3231 |
| GOGGI RUTHVIK TARANG | 2 | CSB (BUSINESS SYSTEM) | 20241A3222 |
| CHANDANA BEESAM | 1 | CSM (MACHINE LEARNING) | 21241A66E0 |
| B CHANDAN REDDY | 1 | CSD (DATA SCIENCE) | 21241A6711 |

| | | | |
|---|---|---|---|
| T. PRANAYA | 1 | CSD (DATA SCIENCE) | 21241A6760 |
| THRISHA VARMA | 1 | CSD (DATA SCIENCE) | 21241A6758 |
| ANUMOLU PRAVALLIKA | 2 | CSD (DATA SCIENCE) | 20241A6704 |
| MANASWINI ADIYALA | 1 | CSM (MACHINE LEARNING) | 21241A66A1 |
| MANJUNATH VARALA | 1 | CSM (MACHINE LEARNING) | 21241A66J9 |
| MADDA HARINI REDDY | 1 | CSM (MACHINE LEARNING) | 21241A66G5 |
| KOREMLA VAMSI KRISHNA | 1 | CSB (BUSINESS SYSTEM) | 21241A3225 |
| NEHA H | 2 | CSD (DATA SCIENCE) | 20241A6740 |
| RAM PRANEETH REDDY POTHULA | 2 | CSD (DATA SCIENCE) | 20241A6745 |
| GONDHI BHAVYA | 2 | CSD (DATA SCIENCE) | 20241A6721 |
| CHIRANJI SHARATH SINGH | 2 | CSD (DATA SCIENCE) | 20241A6713 |
| S.N. SHRIKA | 2 | CSD (DATA SCIENCE) | 20241A6738 |
| TARANNUM MUSKAN | 1 | CSM (MACHINE LEARNING) | 21241A66C3 |
| HARICHANDANA.D | 2 | CSD (DATA SCIENCE) | 20241A6724 |
| AKHILA | 1 | EEE | 21241A0227 |
| VAGDEVI REDDY | 1 | EEE | 21241A0244 |
| RAMAVATH MOUNIKA | 1 | EEE | 21241A0249 |
| HABEEBA MUSKAAN | 1 | EEE | 21241A0220 |
| E AJITH KUMAR GOUD | 1 | EEE | 21241A0214 |
| MANIMELU MADHURIMA | 1 | EEE | 21241A0236 |
| GOTTAPU.GOPIKA SOWMYASRI | 1 | EEE | 21241A0217 |
| KOLASANI DEVI SRI | 1 | EEE | 21241A0228 |
| SRAVANI BANNURU | 4 | EEE | 19241A0298 |
| RAKESH VARMA PENMETSA | 2 | EEE | 20241A0232 |
| ODNALA MANUSHA | 2 | EEE | 20241A0230 |
| BAIRI RAKESH GOUD | 2 | EEE | 20241A0202 |

| | | | |
|---|---|---|---|
| D.R S PRABHATH VARMA | 2 | EEE | 20241A0231 |
| GAYATHRI | 2 | EEE | 20241A0223 |
| WILSON | 2 | EEE | 20241A0231 |
| C HEMANTH | 2 | EEE | 20241A0209 |
| VYSHNAVI RAMINENI | 2 | EEE | 20241A0235 |
| KAVVAMPALLY SHARADA | 2 | EEE | 20241A0218 |
| KOTHA SRIKAR | 2 | EEE | 20241A0220 |
| K MANI DEEPAK VARMA | 2 | EEE | 20241A0217 |
| S AKSHITHA | 2 | EEE | 20241A0242 |
| J CHANDHANA | 2 | EEE | 21245A0201 |
| K SRUJAN | 2 | EEE | 20241A0215 |
| K. SARDINA | 2 | EEE | 20241A0216 |
| M ANIL KUMAR | 2 | EEE | 20241A0222 |
| R SANDEEP | 2 | EEE | 20241A0236 |
| SATHVIKA PISINI | 2 | EEE | 20241A0233 |
| B. SWATHI | 2 | EEE | 20241A0204 |
| YASASWINI SAI AKKALA | 4 | CSE | 19241A05Z9 |
| ARYAN SUDHAGONI | 4 | CSE | 19241A05T2 |
| D.SAI CHIKITHA CHOWDARY | 4 | CSE | 19241A05V0 |
| NAINIKA REDDY | 4 | CSE | 19241A05C7 |
| SAI ANIRUDH AMBATI | 4 | ECE | 19241A04I5 |
| SRI HARSHINI PUDURI | 4 | ECE | 19241A04G2 |
| CHEVVURI SWARNA TEJASWI | 4 | ECE | 19241A04D1 |
| SRIRAMA MURTHY CHELLU | 4 | ECE | 19241A04J6 |
| VINAY SANKEERTH.N | 4 | ECE | 19241A04L8 |
| MANOGNA IRUVURU | 4 | ECE | 19241A04E1 |

| | | | |
|---|---|---|---|
| CHAVATAPALLI NEERAJ | 4 | ECE | 19241A04J5 |
| A.G.K.SRI HARSHA | 4 | ECE | 19241A0405 |
| ADITYA SRI VAMSI | 4 | ECE | 19241A0443 |
| PRITHVI | 4 | ECE | 19241A0442 |
| DEEPIKA BALLA | 4 | ECE | 19241A0407 |
| MALOTH GULSHAN NAIK | 4 | IT | 20245A1213 |
| AISHWARYA MADAPATI | 4 | IT | 19241A12F6 |
| VARALA SAI GANESH | 4 | EEE | 19241A02A3 |
| NIKHILA VARMA | 4 | EEE | 19241A0268 |
| P.SAI TEJA | 4 | EEE | 19241A0290 |
| SUMIT KUMAR NISHAD | 4 | EEE | 19241A0299 |
| E SHRAVAN | 2 | ECE | 20241A04J6 |
| DUVVA KRUPAKAR | 2 | ECE | 20241A04J5 |
| CHEDHUDUPU SANKEERTH | 2 | ECE | 20241A04I8 |
| SRI DHANYA KOMARAVOLU | 2 | ECE | 20241A04L1 |
| PAVAN KUMAR | 2 | IT | 20241A1256 |
| SHAKHAPURAM PRASHANTH | 2 | IT | 20241A1244 |
| KALEPU OMKAR | 2 | IT | 20241A1220 |
| M SRIKANTH | 2 | EEE | 21245A0203 |
| Y VIJAYASREE | 2 | EEE | 20241A0253 |
| T. KAVYA SREE | 2 | EEE | 20241A0245 |
| NAMPALLI MAHESHWARI | 2 | EEE | 20241A0229 |
| SANIYA MAHAWIN | 2 | EEE | 20241A0241 |
| JAHNAVI SANATHANA | 2 | EEE | 21245A0205 |
| N.SAI GOUTHAM | 2 | EEE | 20241A0228 |
| SUSANI NEHA | 2 | EEE | 20241A0257 |

| | | | |
|---|---|---|---|
| NIHARIKA UMMIDISETTY | 2 | EEE | 20241A0248 |
| HARSHITHA.Y | 2 | EEE | 20241A0254 |
| OM POHANEKAR | 2 | EEE | 21245A0209 |
| NAVEEN M | 2 | EEE | 20245A0256 |

# Events List

| s.NO | DATE | Category:Workshop,Seminars,Conference,Guest lectures,Motivational speech,Tech talks,Industrial visits, extra and co curricular activities including professional body events etc., | Title of event & venue | | Total Participants Departments Wise | | Department organized/Professional Body Organized |
|---|---|---|---|---|---|---|---|
| | From-To | | Title | Venue | Total No of Faculty | Total No of students | |
| 1 | 8th February 2020 | Seminar | WIE Awareness Talk | GRIET | 20 | 55 | IEEE |
| 2 | 8th February 20202 | Tech Talk | Electrical Safety Challenges in Distribution Systems | GRIET | 15 | 81 | IEEE |
| 3 | 11th February-15th February 2020 | Administrative | Membership Drive | GRIET | - | 104 | IEEE |
| 4 | 12th February 2020 | Tech Talk | Talk on Electrical Safety | GRIET | 6 | 70 | IEEE |
| 5 | 14th February 2020 | Industrial Visit | Field Trip to L&T Metro | GRIET | 2 | 69 | IEEE |
| 6 | 19th February 2020 | Tech Talk | Talk on Data and Consent | GRIET | 3 | 88 | IEEE |
| 7 | 29th February 2020 | Seminar | IEEE GRIET SB Student Body Meeting | GRIET | - | 63 | IEEE |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8 | 7th March 2020 | Extra and co curricular Activities | Women's Day Celebrations | GRIET | 110 | 10 | IEEE |
| 9 | 7th March 2020 | Workshop | Technical Workshop on Image Processing using open CV | GRIET | 2 | 38 | IEEE |
| 10 | 12th March 2020 | Tech Talk | Optical Operation of Power System with renewable energy sources, battery storage and electric vehicles | GRIET | 10 | 102 | IEEE |
| 11 | 31st March-6th April 2020 | Extra and co curricular Activities | Living Rooms Got Talent | GRIET | - | 40 | IEEE |
| 12 | 2nd April 2020 | Webinar | 5th Generation Aircraft Avionics | GRIET | 3 | 59 | IEEE |
| 13 | 3rd April -6th April 2020 | Extra and co curricular Activities | Puzzle Days | GRIET | - | 90 | IEEE |
| 14 | 4th April 2020 | Webinar | IEEE Xplore-Delivering Research Better Than Ever | GRIET | 63 | - | IEEE |
| 15 | 6th April 2020 | Webinar | IEEE Xplore-Boosting Every Aspect of Your Career | GRIET | 5 | 140 | IEEE |
| 16 | 11th April 2020 | Extra and co curricular Activities | Energy Bingo | GRIET | - | 50 | IEEE |
| 17 | 17th April 2020 | Webinar | Digital Parenting | GRIET | 30 | 10 | IEEE |
| 18 | 20th April 2020 | Webinar | Natural Language Processing (NLP) | GRIET | - | 45 | IEEE |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | 20th April 2020 | Webinar | Pitching Innovative Ideas | GRIET | 4 | 98 | IEEE & CSI |
| 20 | 22nd April 2020 | Webinar | Importance of Healthy Living and Nutritious Food | GRIET | 30 | 74 | IEEE |
| 21 | 10th July -24th July 2020 | Extra-Curricular Activities | Wealth Out of Waste (WOW) | GRIET | - | 40 | IEEE |
| 22 | 26th July 2020 | Webinar | How To Hold Onto One's Mental Health | GRIET | 10 | 80 | IEEE |
| 23 | 26th August 2020 | Technical Quiz | Quiztronics | GRIET | - | 26 | IEEE |
| 24 | 6th September 2020 | Webinar | Designing Mini Projects 101 | GRIET | 2 | 43 | IEEE |
| 25 | 27th September 2020 | Technical Quiz | El-Trick: The Crossword | GRIET | - | 40 | IEEE |
| 26 | 8th October 2020 | Extra-Curricular Activities | Quiz Bee | GRIET | - | 42 | IEEE |
| 27 | 30 Dec 2020 | Coding Competition | Techtonic | GRIET | - | 44 | IEEE |
| 28 | 04 Jan 2021 | Administrative | Annual General Meet | GRIET | 5 | 30 | IEEE |
| 29 | 08 Mar 2021 | Extra-Curricular Activities | International's Women's Day Celebrations | GRIET | 7 | 45 | IEEE |
| 30 | 20 Mar 2021 | Webinar | EMI/EMC for EVs - Overview | GRIET | 2 | 53 | IEEE |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 31 | 06 Apr 2021 | Conference | Annual Alumni Meet | GRIET | 4 | 27 | IEEE |
| 32 | 07 Apr 2021 | Webinar | Writing a Winning Research Proposal | GRIET | 30 | 79 | IEEE |
| 33 | 16 Apr 2021 | Webinar | Talk on IEEE PES | GRIET | 2 | 50 | IEEE |
| 34 | 17 Apr 2021 | Administrative | Membership Drive 2021 | GRIET | - | 166 | IEEE |
| 35 | 09 May 2021 | Webinar | Webinar on Research and Studying Abroad | GRIET | 2 | 45 | IEEE |
| 36 | 29 May 2021 | Hackathon | Clean Energy Ideathon | GRIET | 5 | 47 | IEEE |
| 37 | 31 May 2021 | Webinar | Financial Planning for Young Professionals | GRIET | 2 | 50 | IEEE |
| 38 | 14 Jun 2021 | Technical Quiz | Quiztronics - II | GRIET | - | 43 | IEEE |
| 39 | 17 Jun 2021 | Webinar | An Insight to Cryptocurrency: Blockchain and Bitcoin for Beginners | GRIET | 2 | 80 | IEEE |
| 40 | 16 Sep 2021 | Seminar | Latest trends and developments in Electrical Machines | GRIET | 4 | 61 | IEEE |
| 41 | 22 Nov 2021 | Workshop | Train the Trainer's program for IoT | GRIET | 10 | 30 | IEEE |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 42 | 25 Nov 2021 | Flagship Event | PRAGNYA'21 | GRIET | 20 | 683 | IEEE |
| 43 | 08 Dec 2021 | Workshop | Edge Computing | GRIET | 3 | 35 | IEEE |
| 44 | 09 Dec 2021 | Seminar | Importance of Research in Undergraduate Studies | GRIET | 1 | 50 | IEEE |
| 45 | 14 Dec 2021 | Administrative | Membership Drive 2022 | GRIET | - | 284 | IEEE |
| 46 | 21 Jan 2022 | Administrative | Annual General Meet 2022 | GRIET | 10 | 25 | IEEE |
| 47 | 27 Jan 2022 | Administrative | Inauguration of IEEE IAS SB followed by a technical talk | GRIET | 7 | 81 | IEEE |
| 48 | 29 Jan 2022 | Webinar | Webinar on Arduino for beginners | GRIET | 2 | 50 | IEEE |
| 49 | 05 Feb 2022 | Technical Talk | Electrical Vehicles and its future scope in India | GRIET | 2 | 46 | IEEE |
| 50 | 22 Feb 2022 | Seminar | Talk on Professional Certifications to enhance career opportunities | GRIET | 3 | 91 | IEEE |
| 51 | 08 Mar 2022 | Extra-curricular Activities | International Women's Day Celebrations 2022 | GRIET | 35 | 83 | IEEE |
| 52 | 10 Mar 2022 | Webinar | Digital Image Security by Watermarking | GRIET | 1 | 57 | IEEE |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 53 | 24 Mar 2022 | Technical Talk | Ultimate guide to build your final year project<br>Topic: Melanoma detection using Deep Learning | GRIET | 1 | 82 | IEEE |
| 54 | 29 Mar 2022 | Technical Talk | Technical Talk on Sensor less control of Electrical Devices | GRIET | 2 | 72 | IEEE |
| 55 | 02 Apr 2022 | Technical Talk | 5G Fighter Aircraft Avionics | GRIET | 2 | 52 | IEEE |
| 56 | 05 Apr 2022 | Administrative | IEEE GRIET SB Core Committee Meet 2022 | GRIET | 10 | 55 | IEEE |
| 57 | 08 Apr 2022 | Administrative | Inauguration of IEEE GRIET IES, CAS and CIS SB Chapters | GRIET | 6 | 74 | IEEE |
| 58 | 11 Apr 2022 – 26 Apr 2022 | Workshop | Training on Mini Projects | GRIET | 2 | 300 | IEEE |
| 59 | 29 Apr 2022 | Industrial Visit | Industrial Visit to Infosys, Hyderabad | GRIET | 3 | 60 | IEEE |
| 60 | 09 May 2022 – 12 May 2022 | Workshop | Workshop On IoT | GRIET | 3 | 80 | IEEE |
| 61 | 24 May 2022 | Hackathon | Innovate 4 Menstrual Waste Management | GRIET | 4 | 25 | IEEE |
| 62 | 11 Jun 2022 | Webinar | Ultimate Guide to build your Final Year Project | GRIET | 2 | 50 | IEEE |
| 63 | 13 Jun 2022 | Technical Talk | Awareness on Rocket Science | GRIET | 4 | 55 | IEEE |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 64 | 18 Jun 2022 | Industrial Visit | Industrial Visit to Hammond Power Solutions | GRIET | 5 | 59 | IEEE |
| 65 | 18 Jun 2022 | Extra-curricular Activities | ENIGMA'22 | GRIET | 1 | 120 | IEEE |
| 66 | 25 Jun 2022 | Technical Talk | Technical Talk on Power Drive Systems | GRIET | 3 | 56 | IEEE |
| 67 | 27 Jun 2022 – 1 July 2022 | Workshop | FDP on IoT and AI on edge | GRIET | 5 | 95 | IEEE |
| 68 | 28 Jun 2022 | Administrative | Core Committee Meet about oncoming half-yearly plan | GRIET | 1 | 10 | IEEE |

| **S.No.** | **Events** | **Total Events** |
|---|---|---|
| 1 | Seminar/Webinar | 24 |
| 2 | Workshop | 3 |
| 3 | Industrial Visit/ Technical Talk | 11 |
| 4 | Extra Curricular Activities | 8 |
| 5 | Technical Quiz | 4 |
| 6 | Co Curricular Activities | 2 |

# WIE Awareness Talk

Date: 8th February 2020

Time: 10:00AM -1:00PM

IEEE GRIET SB conducted a talk to raise awareness about the affinity group of IEEE - Women In Engineering (WIE). The awareness talk was directed towards informing the wide students and faculty members about the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. The main motto of WIE Affinity group is to facilitate the recruitment and retention of women in technical disciplines globally.

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | | | |
|---|---|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | | | |
| **Department** | - | Professional Body | Institutional Body | | |
| | | IEEE GRIET SB | | | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Seminar | | | | |
| **Title / Theme of the Event** | WIE Awareness talk | | | | |
| **Details of the Coordinator & Designation** | Dr.J Sreedevi<br>(Professor, HOD EEE) | | | | |
| **Event Dates/Days** | From | To | No. of Days | | |
| | 8th February 2020 | 8th February 2020 | 1 Day | | |
| **Participants** (Teaching Faculty / Non-Teaching Faculty / Students) | No.of Faculty | No. of UG students : | No.of PG Students | No.of outside participants: | Total Participants |
| | 20 | 50 | - | 5 | 75 |

| | |
|---|---|
| **Faculty Names & Designation** | Dr. Jandhyala N. Murthy, Director GRIET<br>Dr. J. Sreedevi, Professor and HOD ,EEE<br>Dr. Y Vijayalatha, Dean (GPAAC) |
| **Summary of the Event** | Dr. J Sreedevi briefly explained about the benefits of WIE in our community and encouraged the young students and the faculty members to avail these benefits at the earliest. Dr. Y. Vijayalata, Branch Counsellor IEEE GRIET, addressed the gathering, stating the major benefits of IEEE and the facilities available in GRIET. Following this, Dr. J. N. Murthy, Director - GRIET, spoke a few words about the WIE AG of GRIET and shared his astonishment on the work done by today's women in engineering and the works of the WIE AG which is inspiring to everyone. |
| **POs attained with this Event**<br>(number and description) | The awareness session was very educational about the WIE Affinity Group of IEEE and illuminating for the participants. |
| **Photographs of the event**<br>(Hard copy and Soft copy) | Attached |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | -- |

**Signature of Coordinator** **Signature of HOD**

# Electrical Safety Challenges In Distribution Systems

DATE:-8th February 2020
TIME:- 10.00 AM -12.00 PM
VENUE:- Seminar Hall EEE Block
NUMBER OF PARTICIPANTS:- 96

IEEE GRIET SB PES chapter has conducted a talk on Electrical Safety challenges in distribution systems by Mr. Shreekumar Nhalur member at Prayas (Energy group). He demonstrated safety awareness of electricity, which included anecdotes about farmers who got electrocuted and lost their lives, and the precautions that have to be taken.
The talk was interactive with the students and the faculty in the audience. The students asked questions about effective ways of preventing deaths technically and the help given to the families of the dead.

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | **EEE** | Professional Body | Institutional Body |
| | | IEEE | - |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Tech Talk | | |

<table>
<tr><td>Title / Theme of the Event</td><td colspan="5">ELECTRICAL SAFETY CHALLENGES IN DISTRIBUTION SYSTEMS</td></tr>
<tr><td>Details of the Coordinator & Designation</td><td colspan="5">Mr. V. Vijaya Rama Raju, Associate Professor & Associate Dean IQAC, GRIET</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td colspan="2">From</td><td colspan="2">To</td><td>No. of Days</td></tr>
<tr><td colspan="2">08-02-2020</td><td colspan="2">08-02-2020</td><td>1</td></tr>
<tr><td>Details of the Speaker / Guest</td><td colspan="5">MR. SREEKUMAR NHALUR , Member, Prayas (Energy Group), Pune, India.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>15</td><td>72</td><td>-</td><td>9</td><td>96</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1) Vijaya Rama Raju, Associate Professor & Associate Dean IQAC<br>2) J. Sri Devi, Professor & HOD, EEE<br>3) B. Phanendra Babu, Professor, EEE<br>4) D. G. Padhan,Professor, EEE<br>5) P. Srividya Devi, Associate Professor, EEE<br>6) Vinay Kumar, Associate Professor, EEE DEPT.<br>7) DSNM Rao, Associate Professor, EEE<br>8) M. Srikanth, Assistant Professor, EEE<br>9) M. Karthika, Assistant Professor, EEE DEPT.<br>10) K. Sudha, Assistant Professor, EEE DEPT.<br>11) P. Praveen Kumar, Assistant Professor, EEE DEPT.<br>12) Satya Vani, Assistant Professor, EEE DEPT.<br>13) V. Usha, Assistant Professor, EEE DEPT.<br>14) M. Rekha, Assistant Professor, EEE DEPT.<br>15) Prashanth Kumar, Assistant Professor., EEE DEPT.</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB initiated an interactive, informative talk session on Electrical Safety. The session started by the HOD of EEE department Dr. J. Sridevi, who introduced the topic and its significance in today’s prevailing accidents. IEEE PES/PLES/IAS Chair Dr. P. V. Rajagopal mentioned the efforts and interest of the faculty to conduct the session by Mr. Sreekumar Nhalur.<br>He demonstrated safety awareness of electricity, which included anecdotes about farmers who got electrocuted and lost their lives, and the precautions that have to be taken. The compensation for the death is less (the money is given out of kindness) He quoted, “The evil that men do lives after them, the good is oft interred with their bones”. The talk ended with an interaction with the students.</td></tr>
</table>

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Profile of Speaker:<br><br>Mr. Sreekumar has been working in power sector in the areas of policy analysis and Information Technology applications from 1984. After 14 years of work in the industry (L&T and CMCLimited), in 2000 he joined Prayas, a voluntary organisation |

# Membership Drive

DATE:-11th February to 15th February 2020
TIME:- 10.00 AM -4.00 PM
VENUE:- Near CCD
NUMBER OF PARTICIPANTS:- 104

IEEE GRIET Membership Drive was conducted for B-Tech and M-Tech students with an agenda to help students to keep up with the advancement in technology to the next generation of engineering professionals.A help desk was set up near the CCD and students approached the desk with queries. Students were really keen about the experience and benefits provided by IEEE. By the end of the drive, 104 members enrolled themselves as IEEE members to avail the multidimensional benefits provided by the professional body IEEE.

**Students Participating in Membership Drive**

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Membership Drive | | |

| | | | | | |
|---|---|---|---|---|---|
| **Title / Theme of the Event** | IEEE Membership Drive | | | | |
| **Details of the Coordinator & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) | | | | |
| **Event Dates/Days** | From | | To | | No. of Days |
| | 11- 02- 2020 | | 15-02-2020 | | 5 |
| **Details of the Speaker / Guest**<br>Organization Address: | -- | | | | |
| **Participants**<br>(Teaching Faculty / Non-Teaching Faculty / Students) | No.of Faculty | No. of UG students | No.of PG Students | No.of outside participants | Total Participants |
| | | 90 | 14 | -- | 104 |
| **Faculty Names & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) | | | | |

| | |
|---|---|
| **Summary of the Event** | The Drive was conducted from the 11th of February to 15th February 2020. A CRs meeting was held on 11th February. They were briefed about the drive that was going to be held and the benefits they are going to avail if they were a member of IEEE. They were pumped up about joining the IEEE. A help desk was set up near the CCD. Announcements were made in classes prior to this. Few students approached the desk with queries. Students were really keen about the experience and benefits provided by IEEE. By the last day we received a count of 104 members who got enrolled in the membership drive. |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | -- |
| **POs attained with this Event** (number and description) | Students were explained about the captivating benefits of IEEE and students joined as members. |

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | - |

**Signature of Coordinator** **Signature of HOD**

# Technical Talk on Electrical Safety

DATE:-12th February 2020
TIME:- 10.00AM -12.00PM
VENUE:- Hall 1 GRIET
NUMBER OF PARTICIPANTS:- 76

Electricity is a great enabler for providing quality life and catalysing development. But it has many effects too and electrical accidents are one such. IEEE GRIET SB PES chapter has organized a technical talk with an objective to educate students and help them understand the cause of accidents and promote measures to reduce them.

The speaker Mr. Rajeev Kumar made the students well aware of the major causes of electrical accidents and remedial measures. The session proved to be highly informative and interactive.

**Technical Talk on Electrical Safety by Mr. Rajeev Kumar**

# EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | **EEE** | Professional Body | Institutional Body |
| | | IEEE | - |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | **Tech Talk** | | |
| **Title / Theme of the Event** | **Electrical Safety** | | |
| **Details of the Coordinator & Designation** | **Mr. V. Vijaya Rama Raju, Associate Professor & Associate Dean IQAC** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 12-02-2020 | 12-02-2020 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">Dr Rajeev Kumar, IRSEE officer Sr. divisional Electrical Engineer in South Central railway, Hyderabad Division</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>6</td><td>70</td><td>-</td><td>-</td><td>76</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. J Praveen, Professor & Principal, GRIET<br>2. Mr. M. G. Shekharan, Chief Administrator, GRIET<br>3. Dr. J. Sri Devi, Professor & HOD, EEE<br>4. Mr. Vijaya Rama Raju, Associate Professor & Associate Dean IQAC<br>5. Mr. Vinay Kumar, Associate Professor, EEE DEPT<br>6. Mr. D Srinivasa Rao, Assistant Professor, EEE</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">The objective is to understand the cause of such accidents and be mindful of the remedial measures to prevent them. As a part of the project, the role of fires in creating a hazardous impact on electrical accidents and simple detection and mitigation measures were discussed in brief. According to statistics, there were about 20000 incidents recorded which accounted for an enormous 20000 deaths a year. The dominant reasons for these deaths were identified to be gas cylinder accidents, poor design of electrical equipment, faulty cable wiring. The hazards of fire propagation were explained to students with relevant pictures. The talk ended with an interaction with the students and the faculty in the audience.</td></tr>
<tr><td>Photographs of the event<br>(Hard copy and Soft copy)</td><td colspan="5"></td></tr>
</table>

| | |
|---|---|
| | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Dr Rajeev Kumar has graduated from University of Jamia Miliya Islamiya New Delhi and is a certified energy manager. He holds 7 years of experience in various industries like TATA, Godrej, Cincinnati Milacron. He is currently working as an IRSEE officer Sr. divisional Electrical Engineer in South Central railway, Hyderabad Division |

**Signature of Coordinator** **Signature of HOD**

# L&T Metro Field Trip

DATE:-14th February 2020
TIME:- 8.30AM -2.00PM
VENUE:- L&T Metro Nagole
NUMBER OF PARTICIPANTS:-71

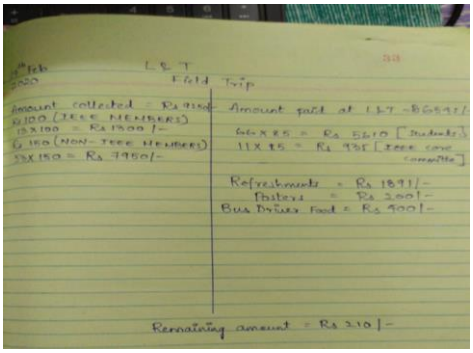
IEEE GRIET SB-PES chapter conducted a field trip to L&T Metro in Nagole. Growing urbanizations has led to innumerable problems for commuters who are delayed on account of traffic jams. Metro Rail will allow them to bypass these traffic congestion barriers. The main objective of conducting the field trip was to bring awareness about the working, modelling, construction, and supervision of Metro Railway using the upgraded technology.

**Field Trip at L&T Metro**

# IEEE GRIET SB

## EVENT SUMMARY REPORT

<table>
<tr><td>GRIET/Other institutes/Organization address</td><td colspan="5">GRIET</td></tr>
<tr><td rowspan="2">Department</td><td rowspan="2">EEE</td><td colspan="2">Professional Body</td><td colspan="2">Institutional Body</td></tr>
<tr><td colspan="2">IEEE</td><td colspan="2">-</td></tr>
<tr><td>Nature of the Event<br>(Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities</td><td colspan="5">Industry Visit</td></tr>
<tr><td>Title / Theme of the Event</td><td colspan="5">L&T Metro Field Trip</td></tr>
<tr><td>Details of the Coordinator & Designation</td><td colspan="5">Mr. V. Vijaya Rama Raju, Associate Professor & Associate Dean IQAC, GRIET</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td colspan="2">From</td><td colspan="2">To</td><td>No. of Days</td></tr>
<tr><td colspan="2">14-02-2020</td><td colspan="2">14-02-2020</td><td>1</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>2</td><td>69</td><td>-</td><td>-</td><td>72</td></tr>
</table>

| | |
|---|---|
| **Faculty Names & Designation** | 1. M. Karthika, Assistant Professor, EEE DEPT.<br>2. M Vinod Kumar, Assistant Professor, EEE DEPT. |
| **Summary of the Event** | Growing urbanizations has led to innumerable problems for commuters who are delayed on account of traffic jams. Metro Rail will allow them to bypass these traffic congestion barriers. The introduction session was held in a Stimulator room which was a replication of an actual train monitoring system, which helps in teaching and recruitment of train operators. Monitor in this room consists of different parameters. The display of speed, distance, every movement of the train was recorded. Different modes at which train can be operated, mechanism of door control, announcements were explained. Every train operator undergoes a breath analyser drive test to ensure the safety of passengers.. They ensure the best transport facility to people by using more communication-based train control, through which the exact location of the train can be known and other factors can be monitored. They even showed the mechanism behind train control in an emergency situation. The students have gained vast exposure to various management concept that they have learned in the classroom such as operations and risk management, leadership skills and traits, and very importantly the just in time technique. |
| **IRG (**in rupees**)**<br>**Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | Rs.9250/-<br>  <br> |

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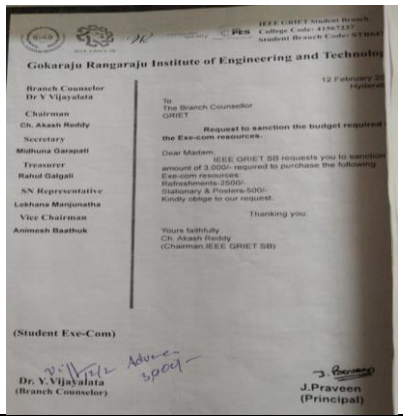
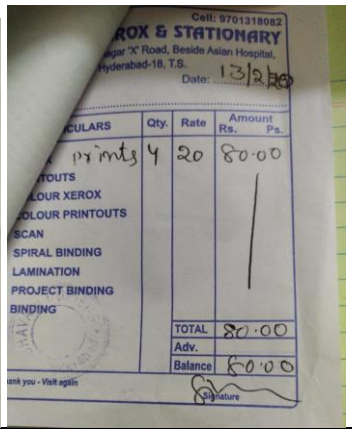
<td> 
Gokaraju Rangaraju Institute of Engineering and Technology
Branch Counselor
Dr Y Vijayalata
Chairman
Ch. Akash Reddy
Secretary
Midhuna Garapati
Treasurer
Rahul Galgali
SN Representative
Lekhana Manjunatha
Vice Chairman
Animesh Baathuk
To
The Branch Counsellor
GRIET
Request to sanction the budget required the Exe-com resources.
Dear Madam,
IEEE GRIET SB requests you to sanction amount of 3,000/- required to purchase the following Exe-com resources.
Refreshments-2500/-
Stationary & Posters-500/-
Kindly oblige to our request.
Thanking you.
Yours faithfully
Ch. Akash Reddy
(Chairman IEEE GRIET SB)
(Student Exe-Com)
Dr. Y.Vijayalata
(Branch Counselor)
J.Praveen
(Principal)

Cell: 9701318082
ROX & STATIONARY
Hyderabad-18, T.S.
Date: 13/2/20
Qty. Rate Amount Rs. Ps.
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TOUTS
LOUR XEROX
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SPIRAL BINDING
LAMINATION
PROJECT BINDING
BINDING
TOTAL 80.00
Adv.
Balance 80.00
Signature</td>
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<tr>
<td>Photographs of the event<br>(Hard copy and Soft copy)</td>
<td> </td>
</tr>
</table>

**Signature of Coordinator** **Signature of HOD**

# Talk on Data and Consent

DATE:-19th February 2020
TIME:- 10.00 AM -12.00 PM
VENUE:- EEE Seminar Hall, GRIET
NUMBER OF PARTICIPANTS:-95

IEEE Computer Society in association with the free software wing of GRIET conducted a technical talk on "**Data and Consent**". The session was very informative as the audience were educated about the safeguard of data in the wake of high cyber crime rates. Mr. Anil Rachamalla, the speaker of the session gave a brief overview about the reality of an individual's control over their data online. He also detailed on the kind of cyber crimes prevailing in the present society and how we can safeguard ourselves from falling prey to such evils.

**Talk on Data and Consent by Dr. Anil Rachamalla**

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | **CSE** | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Technical Talk | | |
| **Title / Theme of the Event** | Talk on Data and Consent | | |
| **Details of the Coordinator & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 19th February 2020 | 19th February 2020 | 1 |
| **Details of the Speaker / Guest** Organization Address: | Mr. Anil Rachamalla holds a B.E. degree in computer science, M.B.A in project management. He is a speaker, column writer, radio jockey and social activist. He has over 24 years of experience in enterprise consulting. He is also the founder of End Now Foundation, an NGO which advocates for digital safety. He initiated Cyber Guru in FM radio. | | |

| | | | | | |
|---|---|---|---|---|---|
| **Participants** (Teaching Faculty / Non-Teaching Faculty / Students) | No.of Faculty | No. of UG students | No.of PG Students | No.of outside participants | Total Participants |
| | 6 | 89 | - | - | 95 |
| **Faculty Names & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | | | |
| **Summary of the Event** | IEEE Computer Society in association with the free software wing of GRIET conducted a technical talk on "**Data and Consent**". The talk was conducted on 19th February 2020 from 10:00 AM to 12:00 PM. The session was very informative as the audience were educated about the safeguard of data in the wake of high cyber crime rates. | | | | |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- | | | | |
| **Expenditure (**in rupees**) (enclose proof bills)** | - | | | | |
| **POs attained with this Event** | The session was an eye-opener to all the students as it brought awareness about the serious cyber crimes happening around. | | | | |
| | | | | | |

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|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Mr. Anil Rachamalla is a speaker, column writer, radio jockey and social activist. He has over 24 years of experience in enterprise consulting. He is also the founder of End Now Foundation, an NGO which advocates for digital safety. He initiated Cyber Guru in FM radio and Cyber Rakshak through student ambassadors. |

# IEEE GRIET SB Student Body Meeting

DATE:-29th February 2020
TIME:- 10.00 AM -4.00 PM
VENUE:- CSE Block ,GRIET
NUMBER OF PARTICIPANTS:-63

IEEE GRIET student branch EXE COMM chapter conducted a Student Body Meeting for all the new members of IEEE. The session solely intended to elucidate about the world's largest technical professional organization, IEEE to its new members.
Shri Vijaya Rama Raju sir, the IEEE PES chapter student branch branch counselor, briefed up on how IEEE aids them and how it is leveraging technology for the greater good. Followed by interaction with the members of the executive committee members of IEEE GRIET SB. Further, students were segregated into groups and hands-on technical activities were conducted.

**Students involved in hands-on activities in Student Body Meetin**

# IEEE GRIET SB

## EVENT SUMMARY REPORT

| | | | | | |
|---|---|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | | | |
| **Department** | -- | Professional Body | Institutional Body | | |
| | | IEEE GRIET SB | | | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Tech Talk | | | | |
| **Title / Theme of the Event** | IEEE Student Body Meet | | | | |
| **Details of the Coordinator & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) | | | | |
| **Event Dates/Days** | From | To | No. of Days | | |
| | 29- 02- 2020 | 29-02-2020 | 1 | | |
| **Details of the Speaker / Guest** Organization Address: | **Sri V. Vijaya Rama Raju,<br>( IEEE PES chapter student branch counselor, GRIET.)** | | | | |
| **Participants** (Teaching Faculty / Non-Teaching Faculty / Students) | No.of Faculty | No. of UG students | No.of PG Students | No.of outside participants | Total Participants |
| | 1 | 60 | 2 | -- | 62 |

| | |
|---|---|
| **Faculty Names & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) |
| **Summary of the Event** | IEEE GRIET student branch EXE-COM chapter conducted the talk session on 29th February 2020. This session was held in the CSE block. The main intention for this session is to elucidate about the world's largest technical professional organization, IEEE. The session began with an introduction to its Mission and Vision.<br>Students showed great interest to learn about the captivating benefits of IEEE. CH. Akash Reddy, chairman of IEEE GRIET SB,Secretary Midhuna Garapati, chairman advisor D.S.R.N.V.Krishna Sai made the session more interactive by sharing his overall experiences in the past few years. He even conveyed about the significant principles, involved in growing the networks and leadership skills.<br>All students were segregated into different groups and each group was given a kit which is composed of different raw materials. Each team was asked to build a creative article out of them or construct a working model based upon their kits and was even asked to name their project suitably. All students were engaged in it completely. Students engaged themselves into their respective group activities.Each and everyone showcased their creative corner and came up with new interesting ideas. It turned out interactive with everyone's participation. |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | -- |
| **POs attained with this Event** (number and description) | -- |

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) | <br> |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | **Sri V. Vijaya Rama Raju,**<br>**( IEEE PES chapter student branch counselor, GRIET.)** |

# Women's Day Celebrations

DATE:-7th March 2020
TIME:- 9.00 AM -4.00 PM
VENUE:- Hall 1 GRIET
NUMBER OF PARTICIPANTS:-120

IEEE GRIET SB WIE AG in collaboration with Women Development Cell (WDC) of GRIET held an event to celebrate the occasion of International Women's Day for the faculty members of GRIET with the theme: I am generation equality: Realising women's rights. The objective was to celebrate womanhood and instill a sense of confidence in women to excel in any desired field.

**Women's Day Celebrations**

# EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Extra and Co Curricular Activities | | |
| **Title / Theme of the Event** | Women's Day Celebration | | |
| **Details of the Coordinator & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 7th March 2020 | 7th March 2020 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">Mrs. Rashmi is a computer science engineer holding over 19 years of experience in the Software industry. She is a certified scrum master with rich experience in waterfall and agile methodology.<br><br>Samantha Reddy- The chief guest of the event has graduated from London School of Business with a sloan fellowship, Mastery in strategy and leadership.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>110</td><td>20</td><td>-</td><td>-</td><td>120</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">Mrs. Samantha Reddy and Mrs. Rashmi Praveen, the guests inspired every woman to be confident and welcome every challenge delightfully. Thereupon, the faculty members of GRIET enthusiastically participated in several cultural activities showcasing their talent and leaving everyone rejoiced. Theme: I am generation equality: Realising women's rights. The objective was to celebrate womanhood and instill a sense of confidence in women to excel in any desired field.</td></tr>
</table>

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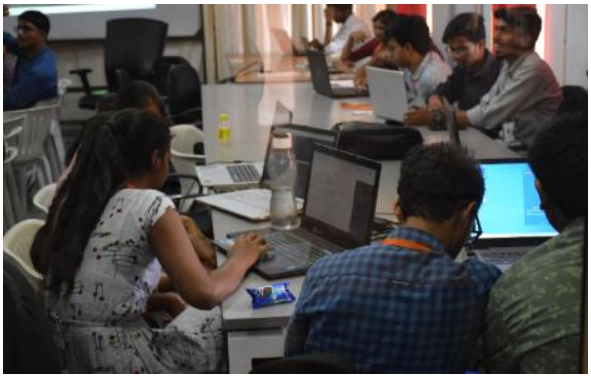
|---|---|
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | N.A |
| **POs attained with this Event** (number and description) | The event instilled confidence and filled the audience with immense joy on the occasion. |
| **Photographs of the event** (Hard copy and Soft copy) | |
| **Proofs: 1.Certificates copies 2.Profile of Speaker 3.PPT/Material as applicable.etc.,** | Mrs. Rashmi is a computer science engineer holding over 19 years of experience in the Software industry. She is a certified scrum master with rich experience in waterfall and agile methodology. Samantha Reddy- The chief guest of the event has graduated from London School of Business with a sloan fellowship, Mastery in strategy and leadership. |

**Signature of Coordinator** **Signature of HOD**

# Technical Workshop on Image Processing using openCV

DATE:-7th March 2020
TIME:- 10.30 AM -3.30 PM
VENUE:- ECE Block
NUMBER OF PARTICIPANTS:-43

OpenCV (Open Source Computer Vision) is a library of programming functions mainly aimed at real-time computer vision. In simple language it is a library used for Image Processing. IEEE GRIET SB conducted a hands on Technical Workshop on Image processing using OpenCV under Geoscience and Remote Sensing Society. The instructor Mr. Vishnu Peesapati made the session extremely informative and explained the concept in a detailed fashion. The workshop was interactive and student's queries were cleared.



**Technical Workshop on Image Processing using openCV by Mr. Vishnu**

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz | Workshop | | |
| **Title / Theme of the Event** | Image processing using openCV | | |
| **Details of the Coordinator & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 07-03-2020 | 07-03-2020 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">The speaker, Mr. Vishnu Peesapati is a student of Gokaraju Rangaraju Institute of Engineering and Technology, IV year CSE Department. He has done a project called “Development of Surveillance Systems for Forest Fires Using Drones”. This project was one among the three projects which were funded by IEEE which he displayed at IGRASS 2019 Japan Summit.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>2</td><td>38</td><td></td><td></td><td>40</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">OpenCV (Open Source Computer Vision) is a library of programming functions mainly aimed at real-time computer vision. In simple language it is a library used for Image Processing. It is mainly used to do all the operations related to Images. The session concluded with the instructor elucidating the logic behind the previous program through the picture in a detailed fashion.</td></tr>
<tr><td>IRG (in rupees)<br>Deposit A/C No , A/C Name , date and other details<br>(enclose proof-A/C statement)</td><td colspan="5">5000/-</td></tr>
<tr><td>Expenditure (in rupees)<br>(enclose proof bills)</td><td colspan="5">4500/-</td></tr>
</table>

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|---|---|
| **POs attained with this Event**<br>(number and description) | The workshop was very interactive and informative as it helped the students become better acquainted with the topic of Image Processing. Mr. Vishnu Peesapati was presented with a token of appreciation. |
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | <br>GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY<br>CERTIFICATE<br>OF PARTICIPATION<br>This is to certify that Mr/Ms _____ pursuing _____<br>B.Tech in _____ has participated in **Image Processing Using OpenCV Workshop** organized by IEEE GRIET SB held on 7th March 2020 at GRIET.<br>DR. V. Sri Hari (GRSS,Advisor)<br>Dr. Y. Vijayalata (Branch Counselor)<br>Dr. J. Praveen (Principal, GRIET) |

**Signature of Coordinator** **Signature of HOD**

# Talk on Optimal operation of Power Systems

DATE:-12th March 2020
TIME:- 11.00 AM -12.30 PM
VENUE:- Seminar Hall EEE Block
NUMBER OF PARTICIPANTS:-112

IEEE GRIET SB-PES chapter in collaboration with EEC and IEI conducted a talk on **Optimal operation of Power System with renewable energy sources, battery storage and electric vehicles** by Dr Surender Reddy Salkuti. The main intention of the talk was to elucidate the importance of optimizing power systems using renewable energy and its applications. The speaker Dr. Salkuti spoke about the importance of demand-side management and the burning issue, why renewable energy is preferred. The technical talk engaged the audience as he explained about the issues associated with high penetration of Renewable Energy Resources (RERS), Integration of Renewable power into Electrical markets.

**Technical Talk on Optical Power Systems by Dr. Surender Reddy Salkuti**

# EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | **EEE** | Professional Body | Institutional Body |
| | | IEEE | - |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Tech Talk | | |
| **Title / Theme of the Event** | **Optimal operation of Power System with renewable energy sources, battery storage and electric vehicles** | | |
| **Details of the Coordinator & Designation** | **Mr. V. Vijaya Rama Raju, Associate Professor & Associate Dean IQAC, GRIET** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 12-03-2020 | 12-03-2020 | 1 |
| **Details of the Speaker / Guest** Organization Address: | Dr Surender Reddy Salkuti, Assistant Professor in the Department of Railroad and Electrical Engineering, Woosong University, Daejeon, South Korea. | | |

<table>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>10</td><td>102</td><td>-</td><td>-</td><td>112</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. J Praveen, Professor & Principal<br>2. J. Sri Devi, Professor & HOD, EEE<br>3. Vijaya Rama Raju, Associate Professor & Associate Dean IQAC<br>4. Vinay Kumar, Associate Professor, EEE DEPT<br>5. M. Srikanth, Assistant Professor, EEE<br>6. D Srinivasa Rao, Assistant Professor, EEE<br>7. P. Srividya Devi, Associate Professor, EEE<br>8. K. Sudha, Assistant Professor, EEE DEPT.<br>9. M. Prashanth, Assistant Professor, EEE DEPT.<br>10. Dr. B Pakkiraiah, Associate Professor, EEE</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">The session commenced with the honourable guests being introduced to the audience. The guests of the day were Dr J Praveen Kumar, Principal; Sri Vijaya Rama Raju, IEEE PES Chapter Student Branch Counsellor and Dr Sridevi, HOD of EEE department and Sri Vinay Kumar- Associate professor. The hosts then introduced the speaker, Dr. Surender Reddy.<br><br>The main intention of the talk is to elucidate the importance of optimizing power systems using renewable energy and its applications. He spoke about the importance of demand-side management and the burning issue, why renewable energy is preferred.He then explained about the issues associated with high penetration of Renewable Energy Resources(RERS), Integration of Renewable power into Electrical markets. The talk ended with an interaction with the students and the faculty in the audience.</td></tr>
</table>

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Profile of Speaker:<br><br>The speaker of the session Dr Surender Reddy Salkuti received his PhD degree in electrical engineering from the Indian Institute of Technology, New Delhi, India, in 2013., He was a Postdoctoral Researcher with Howard University, Washington, DC, USA, from 2013 to 2014. He is currently an Assistant Professor with the Department of Railroad and Electrical Engineering, Woosong University, Daejeon, South Korea. |

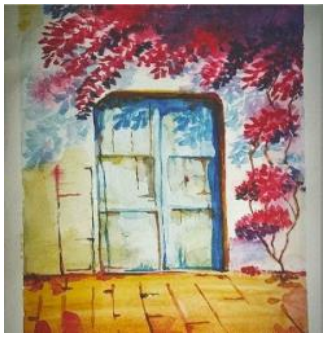
**Signature of Coordinator** **Signature of HOD**

# Living Rooms Got Talent

DATE:-31st March-6th April 2020

NUMBER OF PARTICIPANTS:-40

IEEE GRIET SB WIE AG has initiated a one of its kind online contest ‘Living Rooms Got Talent’ with an objective to recognize and appreciate students' talent in art, music, dance, drama e.t.c. Moreover, the event aimed at keeping the students engaged amid the lockdown crisis. The event was open for 1 week and enthusiastic students from many colleges sent entries ranging from pencil sketches, paintings, DIY’s, instrumental music, singing e.t.c, presenting their acquisitions to the world.. Top 2 posts that received the maximum number of likes for their craft were announced as winners.



Living Rooms Got Talent Contest

# EVENT SUMMARY REPORT

| | | | | | |
|---|---|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | | | |
| **Department** | - | Professional Body | Institutional Body | | |
| | | IEEE GRIET SB | | | |
| **Nature of the Event** | Co & Extra curricular Activities | | | | |
| **Title / Theme of the Event** | Living Rooms Got Talent | | | | |
| **Details of the Coordinator & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) | | | | |
| **Event Dates/Days** | From | To | No. of Days | | |
| | 31st March 2020 | 6th April 2020 | 7 Days | | |
| **Participants**<br>(Teaching Faculty / Non-Teaching Faculty / Students) | No.of Faculty | No. of UG students : | No.of PG Students | No.of outside participants: | Total Participants |
| | - | 30 | - | 10 | 40 |

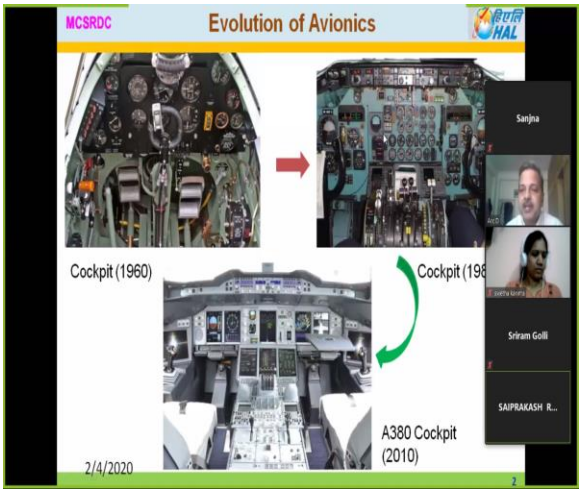
| | |
|---|---|
| **Summary of the Event** | The contest welcomed students to showcase their hidden flair through an instagram page called living_room_got_talent. A set of guidelines related to the winning criteria and entries submission were released to make students better aware of this contest.The contest closed on 6th of April and winners were declared by peer evaluation in the form of likes. Top 2 posts that received the maximum number of likes for their craft were announced as winners and cash prizes worth 1000 and 500 were awarded in honour of their talent. |
| **Expenditure (**in rupees**) (enclose proof bills)** | Rs. 1500 |
| **Photographs of the event** (Hard copy and Soft copy) | |

**Signature of Coordinator** **Signature of HOD**

# Webinar on 5th Generation Aircraft Avionics

DATE:-2nd April 2020
TIME:- 11.00AM -12.00 PM
NUMBER OF PARTICIPANTS:-62

IEEE GRIET SB conducted a webinar on “5G Fighter Aircraft Avionics” under Geoscience and Remote Sensing Society on the Zoom App. A fifth-generation jet fighter is a jet fighter classification used around the world that encompasses the fighter technologies. As of 2020 these are the most advanced aircrafts. There are several high profile developments being undertaken.

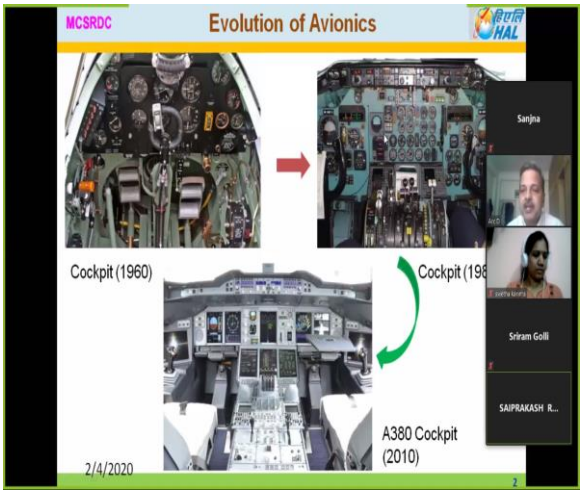



**Webinar on 5th Generation Aircraft Avionics**

# EVENT SUMMARY REPORT

| | | | | | |
|---|---|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | | | |
| **Department** | -- | Professional Body | Institutional Body | | |
| | | IEEE GRIET SB | | | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training | Tech Talk (Webinar) | | | | |
| **Title / Theme of the Event** | Fifth Generation Aircraft Avionics | | | | |
| **Details of the Coordinator & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | | | |
| **Event Dates/Days** | From | To | No. of Days | | |
| | 02-04-2020 | 02-04-2020 | 1 | | |
| **Details of the Speaker / Guest** Organization Address: | The speaker for the webinar is one of the directors of HAL, Dr. D. K. Sunil, HoD Communication, Strategic Electronics Research & Design Centre, HAL, Hyderabad. | | | | |
| **Participants** (Teaching Faculty / Non-Teaching Faculty / Students) | No.of Faculty | No. of UG students | No.of PG Students | No.of outside participants | Total Participants |

| | | | | | |
|---|---|---|---|---|---|
| | 3 | 59 | | | 62 |
| **Faculty Names & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | | | |
| **Summary of the Event** | A fifth-generation jet fighter is a jet fighter classification used around the world that encompasses the fighter technologies. As of 2020 these are the most advanced aircrafts. The aircraft has the features of 4th Generation fighter designs and introduces all-new levels of performance, stealth profiles and advanced avionics with integrated digital flight systems and computer systems capable of networking with other elements within the battlespace for situation awareness. The speaker for the webinar is one of the directors of HAL, Dr. D. K. Sunil,HoD Communication, Strategic Electronics Research & Design Centre, HAL, Hyderabad.<br>He analyzed the differences between each generation of fighter jets from a technological perspective. The improvements from 1G to 5G included speed, IR and Radar missiles in contrast to just guns in 1G, Glass cockpit, computer technology, Dominant SA, Net-enabled targeting, Stealth design, etc. Later, the 5G fighter features were reviewed: | | | | |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details** | N.A | | | | |
| **Expenditure (**in rupees**) (enclose proof bills)** | N.A | | | | |

| | |
|---|---|
| **POs attained with this Event**<br>(number and description) | The students cleared their doubts about data transfer, unmanned aircraft, hacking, sensors, etc. The session was engaging and very interactive. Students were very enthusiastic to participate and learn about the 5G fighter even during the lockdown crisis. |
| **Photographs of the event**<br>(Hard copy and Soft copy) | <br>  |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Dr. D. K. Sunil is one of the directors of HAL, HoD Communication, Strategic Electronics Research & Design Centre, HAL, Hyderabad. |

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| | |

**Signature of Coordinator** **Signature of HOD**

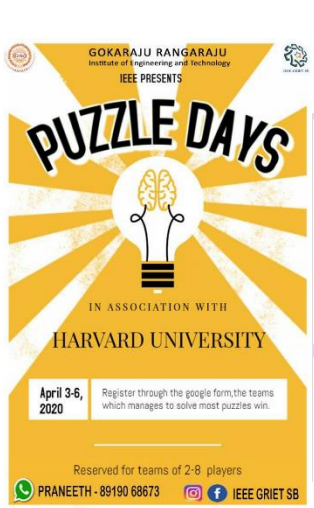
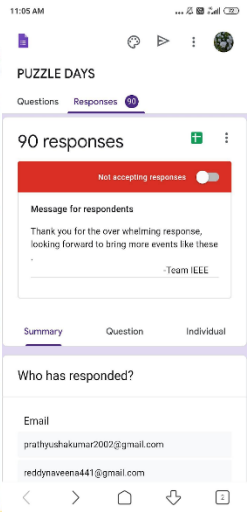
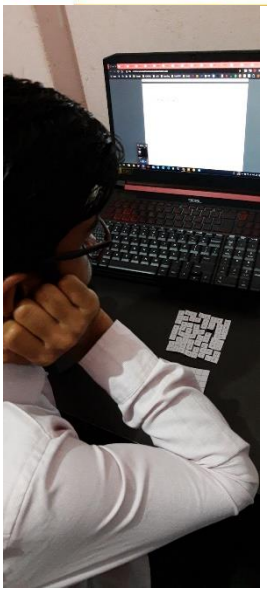
# Puzzle Days

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Co & Extra curricular Activities | | |
| **Title / Theme of the Event** | PUZZLE DAYS | | |
| **Details of the Coordinator & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 3rd April 2020 | 6th April 2020 | 4 Days |

<table>
<tr><td>Details<br>Organization Address:</td><td colspan="5">Harvard University, Cambridge, Massachusetts, United States</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students :</td><td>No.of PG Students</td><td>No.of outside participants:</td><td>Total Participants</td></tr>
<tr><td>-</td><td>80</td><td>-</td><td>10</td><td>90</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5"></td></tr>
<tr><td>Summary of the Event</td><td colspan="5">The main objective of conducting this event was to strengthen the brain while social distancing at home. Puzzle Days is an online adaptation of an event held at Harvard University each year as CS50x Puzzle Day, an opportunity for students around the world to collaborate on a team with classmates, family, and friends on a packet of puzzles, which are essentially logic problems.Team members should NOT gather in person, unless they already live together. All team members should instead collaborate online via chat, voice, or video. Teams discovered to have gathered in person will be disqualified and ineligible. 90 students have registered from our college. Information regarding this is shared among WhatsApp Groups and was also put up on our official Instagram page 4 days prior to the event. Students have actively participated in the event.</td></tr>
<tr><td>IRG (in rupees)<br>Deposit A/C No , A/C Name , date and other details<br>(enclose proof-A/C statement)</td><td colspan="5">--</td></tr>
</table>

| | |
|---|---|
| **Expenditure (**in rupees**) (enclose proof bills)** | -- |
| **POs attained with this Event** (number and description) | -- |
| **Photographs of the event** (Hard copy and Soft copy) |    |

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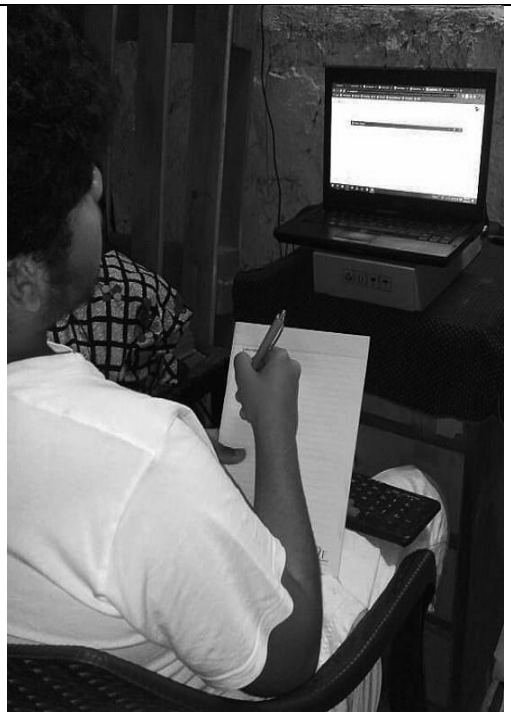
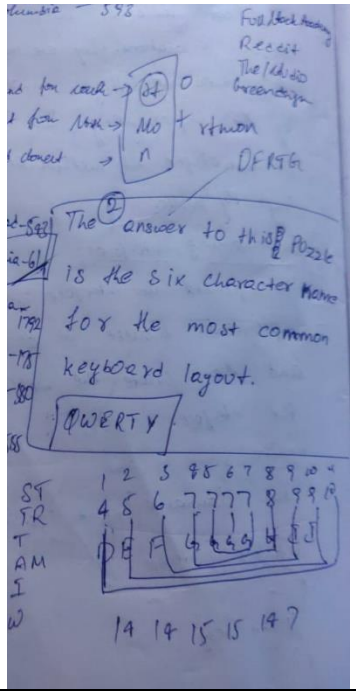
<td>  <br> 
</td>
</tr>
<tr>
<td>Proofs:<br>1.Certificates copies<br>2.Profile of Speaker<br>3.PPT/Material as applicable.etc.,</td>
<td>Puzzles PDF</td>
</tr>
</table>

**Signature of Coordinator** **Signature of HOD**

# Webinar on IEEE Xplore-Delivering Research Better Than Ever

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Tech Talk (Webinar) | | |
| **Title / Theme of the Event** | IEEE Xplore- Delivering research better than ever | | |
| **Details of the Coordinator & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | |

<table>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td>No. of Days</td></tr>
<tr><td>04-04-2020</td><td>04-04-2020</td><td>1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="4">Mr. Dhanukumar Pattanashetti is the client services manager at IEEE and works at the IEEE India office in Bangalore. He has a Ph.D. in Library and Information science from the University of Mysore and a Bachelor's degree in Engineering. Mr. Dhanukumar deals with IEEE Xplore Digital Library customers and handles IEEE Xplore training.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>63</td><td></td><td></td><td></td><td>63</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="4">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td>Summary of the Event</td><td colspan="4">The IEEE GRIET SB Computer Society Chapter has conducted a webinar on IEEE Xplore- Delivering research better than ever. The webinar was organized with an objective to impart thorough knowledge to the faculty of GRIET about various aspects like authoring papers, enhancing classroom sessions and accessing research papers. The session was held on 4th April 2020 from 11.00 AM to 11.30 AM, using the platform Cisco webex meetings.<br><br>The speaker of the session, Mr. Dhanukumar Pattanashetti is the client services manager at IEEE and works at the IEEE India office in Bangalore. He has a Ph.D. in Library and Information science from the University of Mysore and a Bachelor's degree in Engineering. Mr. Dhanukumar deals with IEEE Xplore Digital Library customers and handles IEEE Xplore training.</td></tr>
</table>

| | |
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| | The speaker practically illustrated the options available on the webpage and their basic functionalities like searching for articles related to a specific domain, finding papers published from a particular region, filing for patents, searching for authors e.t.c. IEEE Xplore consists of a wide range of journals each dedicated to a distinct field and these journals consist of a number of articles all related to a specific subject. Hence, the speaker advised the participants to look into the aim and scope of the journals before publishing. Mr. Dhanukumar began his presentation by stating how IEEE Xplore can aid the faculty members while authoring papers and to get novel ideas to work with students for their projects. He visually demonstrated the method to search and access articles from a number of journals and conferences with the help of the IEEE Xplore webpage. He also mentioned the 'My Xplore Smartphone' app which provides an added convenience for IEEE Xplore users.<br>He stated that IEEE encourages its publishers to submit additional media like audio, videos e.t.c pertaining to their idea. He added that it also provides a provision with which the algorithm used to publish can be shared.<br>The session also focussed on how technology trends and the impact of one's article can be tracked with the help of citations that appear at the metrics. The article's stature online can also be known with metrics. These citations are extremely useful and can be used by the publisher as positive outcomes of their articles. The option 'more like this' displays more articles related to a particular area which helps users access more content.<br>Mr. Dhanukumar described in a detailed fashion, the process of setting alerts to get notified when a new article is published.<br>The steps are as follows:<br>• Visit IEEE Xplore.<br>• Sign in to your personal account using your sign-in credentials. |

| | |
|---|---|
| | • Search for your area of interest in the search bar.<br>• Save the search query.<br>• Click on alerts. The saved searches will be displayed.<br>• Click on enable.<br>This process helps one to receive email alerts whenever an article associated with one's area of interest is published. The email consists of a hyperlink that navigates to the published article.<br>He also mentioned other important options like the advanced search, command search and proximity operator that help users to search for articles by having the keywords close to each other. This helps to obtain more relevant articles. The speaker also cited that the IEEE author center is a dedicated webpage that provides a one-stop platform that answers all the queries related to paper publishing. Furthermore, he gave a brief overview of the publication recommender which identifies the right journal to publish an article. Apart from this, he added that MIT publishes 10 Breakthrough technologies. These 10 types of research can be found in IEEE Xplore which comprehensively adds its value.<br>The webinar concluded with a Q&A session where faculty members came up with valuable doubts regarding paper citations, IEEE author center e.t.c. The session was extremely informative and educated the attendees about the IEEE publication. |
| **IRG (**in rupees**)**<br>**Deposit A/C No , A/C Name , date and other details**<br>**(enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**)**<br>**(enclose proof bills)** | |

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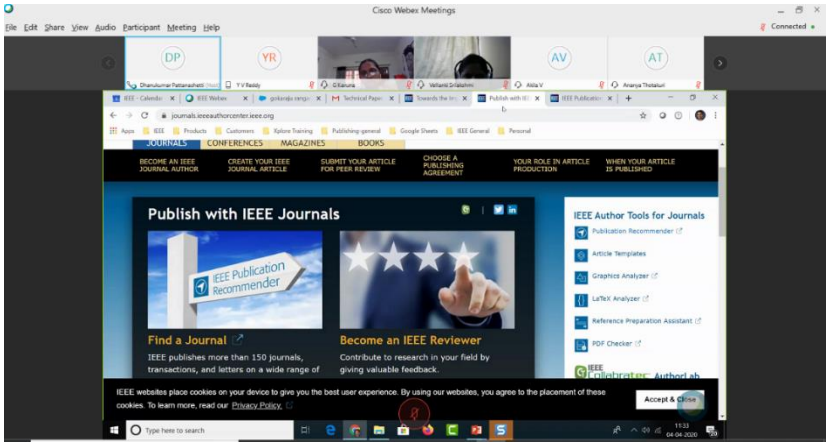
| **POs attained with this Event**<br>(number and description) | |
| **Photographs of the event**<br>(Hard copy and Soft copy) |  <br> |

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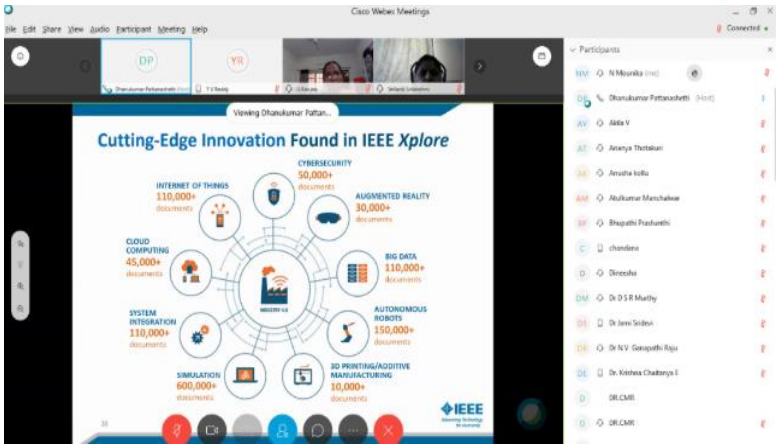
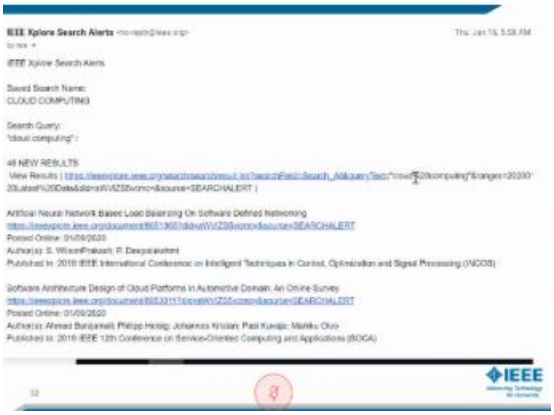
| |  <br>  |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Mr. Dhanukumar Pattanashetti is the client services manager at IEEE and works at the IEEE India office in Bangalore. He has a Ph.D. in Library and Information science from the University of Mysore and a Bachelor's degree in Engineering. Mr. Dhanukumar deals with IEEE Xplore Digital Library customers and handles IEEE Xplore training. |

**Signature of Coordinator** **Signature of HOD**

# Webinar on IEEE Xplore-Boosting Every Aspect of Your Career

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Tech Talk (Webinar) | | |
| **Title / Theme of the Event** | IEEE Xplore- Boosting Every Aspect of YOUR Career | | |

<table>
<tr><td>Details of the Coordinator & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td colspan="2">To</td><td colspan="2">No. of Days</td></tr>
<tr><td>4th April 2020</td><td colspan="2">4th April 2020</td><td colspan="2">1</td></tr>
<tr><td>Details of the Speaker / Guest Organization Address:</td><td colspan="5">The speaker of the session, Mr. Dhanukumar Pattanashetti is the client services manager at IEEE and works at the IEEE India office in Bangalore. He has a Ph.D. in Library and Information science from the University of Mysore and a Bachelor's degree in Engineering. He deals with IEEE Xplore Digital Library customers and handles IEEE Xplore training.</td></tr>
<tr><td rowspan="2">Participants (Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>5</td><td>140</td><td></td><td></td><td>145</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB Computer Society conducted a webinar on “IEEE Xplore- Boosting Every Aspect of YOUR Career”. The session was held on 6th April 2020 from 11.00 AM to 12.00 PM, using the platform Cisco WebEx meetings.<br><br>The speaker of the session, Mr. Dhanukumar Pattanashetti is the client services manager at IEEE and works at the IEEE India office in Bangalore. Over the course of the webinar, the speaker discussed in length about the various ways IEEE Xplore can help a student with his/her career:<br><br>• Projects:<br><br>To help the students understand better about how to start research and work on a project using the IEEE library, an</td></tr>
</table>

| | |
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| | example of a home automation system using IoT was used. Hence, it is recommended to filter the search results based on your requirement which may include: most cited, latest papers, etc. The search results can also be refined based on criteria like conferences, ebooks, journals, magazines, courses, early access articles and standards.<br><br>It is advised to use different keywords which will help in narrowing down the results based on time, authors (affiliated to desired universities), etc. For new projects, Mr. Pattanashetti added that ideally it is required to go through a minimum of 50 articles. However, it is advised to refine the results using the advanced search and command search for relevance. Usage of Boolean commands like OR, AND is also very helpful. For related articles, NEAR operators can be used to reduce words in between keywords. An example was shown: “internet of things” NEAR/2” home automation”.<br><br>• **Placements:**<br><br>Before attending job interviews, students can use IEEE Xplore and go through various pages to get acquainted with companies. All the papers published by a company can be viewed using author affiliated searches.<br><br>• **Recognition:**<br><br>Publishing papers while completing a Bachelor's degree is always appreciated. IEEE is known to be a great place to expand the network and start a career. All the papers and journals that have been published by a student using the Xplore library will come in handy during their placements, helping them get recognized by major companies.<br><br>• **Higher Studies:** |

| | |
|---|---|
| | Mr. Pattanashetti added that by using the Advanced Search page, one can search for different fields in different ranges. Experts can get in touch to guide students with their next step. All the profiles of the IEEE verified experts are available for choosing.<br><br>• **Entrepreneurship:**<br><br>MIT Tech review publishes top breakthrough technologies. IEEE Xplore provides a platform to go through all the new and advanced technologies before starting entrepreneurship. Various journals on the same are available.<br><br>• **Publications:**<br><br>The speaker briefed about browsing different journals and magazines and conferences using the required keywords to view the desired publications. They can be further filtered using the criteria mentioned before.<br><br>• **Competitive Edge:**<br><br>To stay current in the fast-changing world of technology, IEEE itself sends notifications using alerts. By setting and managing alerts, users are notified through mails whenever a new article is published on the selected topic. This helps to stay up to date with the growing technology and promotes efficient research.<br><br>The session concluded with a Q&A where students and faculty came up with doubts on paper publishing, courses, membership details, benefits of being an IEEE member, executive committee queries, awards, etc.<br><br>confidence in women to excel in any desired field. |

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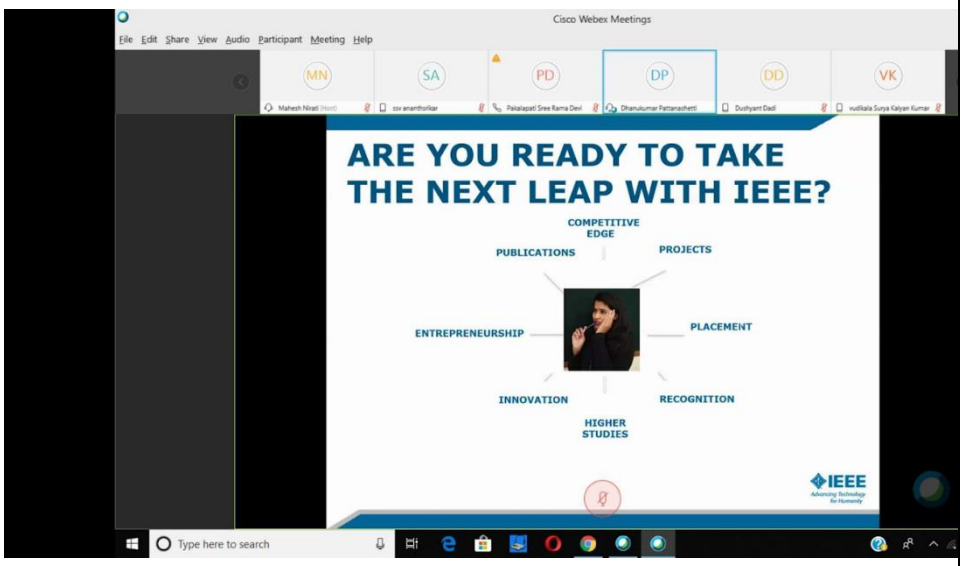
|---|---|
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof- A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | |
| **POs attained with this Event** (number and description) | |
| **Photographs of the event** (Hard copy and Soft copy) | |


Cisco Webex Meetings
File Edit Share View Audio Participant Meeting Help
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PLACEMENT
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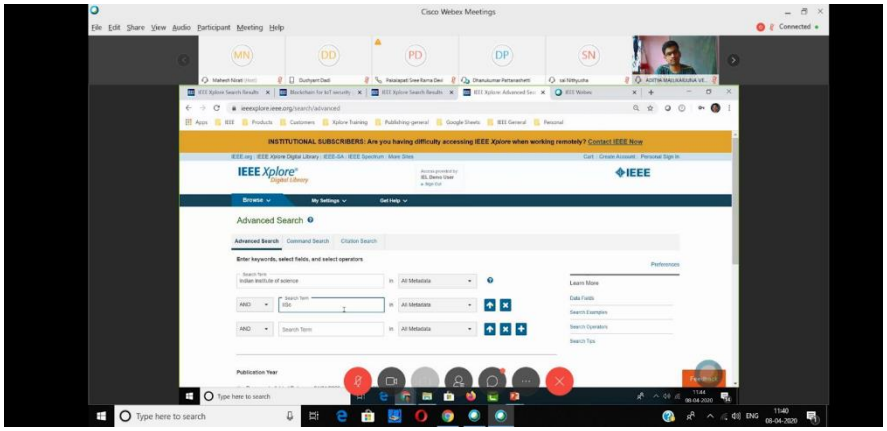
Cisco Webex Meetings
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Advanced Search
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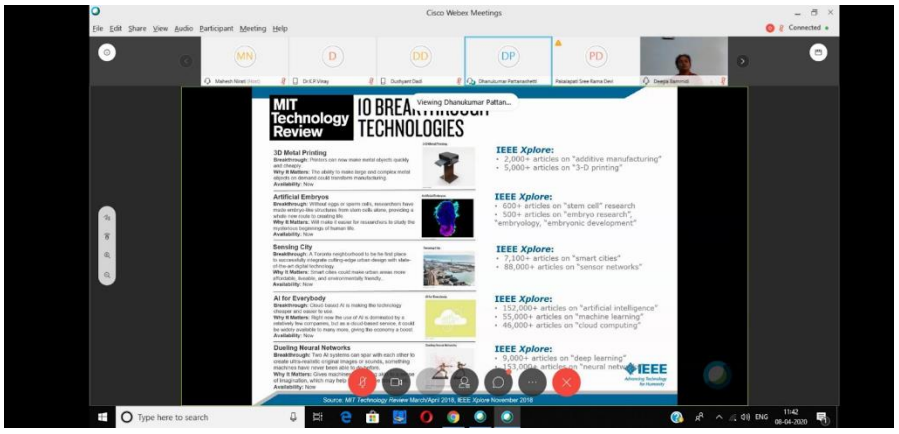
Cisco Webex Meetings
MIT Technology Review
10 BREAKTHROUGH TECHNOLOGIES
3D Metal Printing
Artificial Embryos
Sensing City
AI for Everybody
Dueling Neural Networks
IEEE Xplore:
Type here to search

| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | The speaker of the session, Mr. Dhanukumar Pattanashetti is the client services manager at IEEE and works at the IEEE India office in Bangalore. He has a Ph.D. in Library and Information science from the University of Mysore and a Bachelor's degree in Engineering. He deals with IEEE Xplore Digital Library customers and handles IEEE Xplore training. |

**Signature of Coordinator** **Signature of HOD**

# Energy Bingo

**IEEE GRIET SB**

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | **EEE** | Professional Body | Institutional Body |
| | | **IEEE GRIET SB** | - |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | **Quiz** | | |
| **Title / Theme of the Event** | **Energy Bingo** | | |
| **Details of the Coordinator & Designation** | **Mr. V. Vijaya Rama Raju, Associate Professor & Associate Dean IQAC** | | |
| **Event Dates/Days** | From | To | No. of Days |

<table>
<tr><td></td><td colspan="2">11th April 2020</td><td colspan="2">11th April 2020</td><td>1</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>-</td><td>50</td><td>-</td><td>-</td><td>50</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB PES chapter organized an online technical event, ENERGY BINGO on 11th April 2020. The event was conducted for first and second-year students. Online registrations were open from 8th-10th April 2020 where 50 undergraduates got self-enrolled to participate in the challenge. The main intention of Energy Bingo is to amplify each student’s competitive skills by mastering the idea of fun-efficient learning.<br><br>The contest involved 25 questions from the engineering-oriented domain, which empowered the participants to develop their technical skills. Instructions to solve the bingo puzzle were elucidated to the participants. They are proposed to solve the questions by matching the answers with ones in the grid in a quick period. Besides during quarantine, the event boomed with the active participation of many students. The event gained attention chiefly because of its prime motive to grasp knowledge while enjoying and celebrating it.These following winners received merit certificates for their vigorous competitive skills and great erudition. Amidst the heat to complete bingo in a quick time, these students stood out with all precise answers.</td></tr>
</table>

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| **Photographs of the event** (Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | |

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY

CERTIFICATE

OF APPRECIATION

this is to certify that

B Harshavardhan Reddy

pursing ECE from GRIET has participated in Energy Bingo challenge conducted by IEEE PES Chapter on 11th April 2020 and has been awarded 2nd prize in recognition of outstanding performance.

V. Vijaya Rama Raju
(PES, Advisor)

Dr. Y. Vijayalata
(Branch Counselor)

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY

CERTIFICATE

OF APPRECIATION

this is to certify that

V . Karthik

pursing EEE from GRIET has participated in Energy Bingo challenge conducted by IEEE PES Chapter on 11th April 2020 and has been awarded 3rd prize in recognition of outstanding performance.

V. Vijaya Rama Raju
(PES, Advisor)

Dr. Y. Vijayalata
(Branch Counselor)

**Signature of Coordinator** **Signature of HOD**

# Webinar on Digital Parenting

**IEEE GRIET SB**

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Tech Talk (Webinar) | | |
| **Title / Theme of the Event** | Digital Parenting | | |
| **Details of the Coordinator & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 17-04-2020 | 17-04-2020 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">The speaker of the session, Mr. Anil Rachamalla holds a B.E. degree in computer science, M.B.A in project management. He is a speaker, column writer, radio jockey and social activist. He has over 24 years of experience in enterprise consulting. He is also the founder of End Now Foundation, an NGO which advocates for digital safety. He initiated Cyber Guru in FM radio and Cyber Rakshak through student ambassadors.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>30</td><td>10</td><td></td><td></td><td>40</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB organized a webinar on “Digital Parenting” by Mr. Anil Rachamalla under the Computer Society chapter for the faculty of GRIET. The objective of the session was to help parents with a better understanding of digital parenting, that helps in ensuring that their children are safe in the online world. The session was held on 17th April 2020 from 10.00 AM to 11.00 AM using the platform “GoToMeeting”.<br><br>The speaker of the session, Mr. Anil Rachamalla holds a B.E. degree in computer science, M.B.A in project management. He is a speaker, column writer, radio jockey and social activist. He has over 24 years of experience in enterprise consulting. He is also the founder of End Now Foundation, an NGO which advocates for digital safety. He initiated Cyber Guru in FM radio and Cyber Rakshak through student ambassadors.</td></tr>
</table>

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|---|---|
| | Mr. Rachamalla began the session by discussing various alarming cyber issues people face everyday. After putting forward a few examples, the speaker addressed the need for digital parenting in this era of fast changing and advanced technology. He spoke about the common mistakes that parents generally make in order to monitor their child's digital activities which usually ends up making the child more secretive. He suggested the do's and don'ts approaches for parents to choose from, that can help in effective monitoring of their teens:<br><br>1. Authoritarian: It is a classic "My way or the hard way" style of parenting and it can be challenging as it minimises the child's opportunity to deal with the digital world on their own terms. Instead of taking away complete control from children, it is advised to spend more time listening to your child as well as validating them for what they are doing. Give them a chance to have a say in the way their lives are run.<br>2. Permissive: It is essential to be your child's best friend, but that can be tricky if boundaries and rules are to be set. It is recommended to talk about your online expectations openly with your child. It is advised to not be afraid of not being liked by your child in the process.<br>3. Neglectful: Turning a blind eye and being unbothered of the activities your child engages in using their own devices can result in keeping your ward's physical safety and mental health at risk. It is suggested to create time for your child and to get involved to find out what they are doing online. Have regular conversations whenever a change in their behaviour is noticed. Seeking help by talking to a psychiatrist or a class teacher or a friend is also recommended. |

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| | Mr. Rachamalla spoke about different statistics involving children activity like:<br><br>• 70% youth in India spend more than 5 hours on the internet<br>• 70% post their important details like email, phone number, home address.<br>• 63% of youth do not turn off their GPS<br>• 60% parents do not know what their kids view online<br><br>Hence, he urged the audience to start safety training for children at a young age. He suggested starting a dialogue and educating kids about various online threats. The speaker advised parents to always stay updated with news on any new risks that are faced online. They can also monitor their child by choosing age- appropriate apps and websites.<br><br>Later, the speaker shared his advices for parents regarding internet safety that included:<br><br>• Have an open conversation with your child.<br>• Usage of parental controls on apps and websites helps in reducing screen time, restricting access to adult content. Filtering controls are useful in preventing children from encountering any disturbing content that might affect their mental health.<br>• Set up a family email address so that you can monitor your child signing in on new games and websites.<br>• Activate safe search and minimise the risk of your child coming across any inappropriate content.<br>• Whenever you notice your child turning off the screen or closing the laptop screen, analyse the situation and speak to your child as they might |

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| | have come across something that is troubling them.<br>• Choose safe and appropriate games for your child by looking into the age limitations on the website. Also check for 'safe chat mode' feature.<br><br>Next, Mr. Anil Rachamalla discussed the safety tips for kids in detail which comprised of maintaining communication with a parent about your internet activity, staying safe by not meeting anyone online, keeping personal information private, posting only appropriate content, always telling someone if you are cyber bullied, being respectful and polite towards others on the internet, choosing strong passwords and taking break from devices and playing outdoors.<br><br>Similarly, he shared different tips for the parents that aids efficient monitoring and controlling to ensure safety for their children:<br><br>• Do not block access to technology instead teach them about safe use as young minds need the exposure to the internet as it helps with learning and development skills<br>• Participate in your child's favourite online activities along with them.<br>• Monitor closely by using filtering software<br>• Spend quality time with family everyday during which electronic devices are not to be used.<br>• Educate your child about data consent and the precautions to be taken such as not sharing personal information with strangers etc.<br>• Avoid buying electronic devices as gifts for your child.<br>• Ensure your child is balancing his/her online time with offline time. Encourage them in engaging in outdoor activities<br>• Do not encourage your child to sign up for age restricted sites if they are underage. |

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| | • Always keep yourself up to date and explore only reliable sources for learning about online safety.<br><br>Mr. Rachamalla also recommended a few parent-children agreements on smartphone and internet usage which addressed topics like not exploiting the privacy of your child for the sake of online safety. He also addressed the topic of the negative effects of social media. Different case scenarios were discussed which involved multiple mental and physical health disorders. Excessive use of social media can affect their confidence and trigger depression. It also results in addiction, changing their daily routines. Tips such as disabling notifications, using social media on laptop instead of phones, keeping phone away during family time and while eating, using grey scale mode on phone etc were added to help with the addiction of excessive smartphone usage. He also highlighted that most of them who fall prey to cybercrimes are educated people and hence it is necessary to always learn more in order to look out for themselves and their family. A list of internet monitoring and filtering programs were also suggested.<br><br>The webinar concluded with a Q&A session where the faculty cleared their doubts on online child counseling centres, alternatives to continuous monitoring, family emails, filtering programs etc. The session was extremely helpful and informative for the faculty as it was successful in making them aware of the gravity of the situation. The session educated them to effectively handle such issues. |
| **IRG (**in rupees**)**<br>**Deposit A/C No , A/C Name , date and other details**<br>**(enclose proof-A/C statement)** | |

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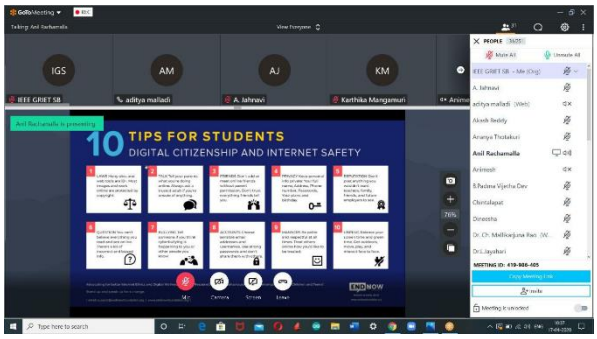
| **Expenditure (**in rupees**) (enclose proof bills)** | |
| **POs attained with this Event** (number and description) | |
| **Photographs of the event** (Hard copy and Soft copy) |  |
| **Proofs:** **1.Certificates copies** **2.Profile of Speaker** **3.PPT/Material as applicable.etc.,** | The speaker of the session, Mr. Anil Rachamalla holds a B.E. degree in computer science, M.B.A in project management. He is a speaker, column writer, radio jockey and social activist. He has over 24 years of experience in enterprise consulting. He is also the founder of End Now Foundation, an NGO which advocates for digital safety. He initiated Cyber Guru in FM radio and Cyber Rakshak through student ambassadors. |

**Signature of Coordinator** **Signature of HOD**

# Webinar on Natural Language Processing (NLP)

**IEEE GRIET SB**

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | - | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Webinar | | |
| **Title / Theme of the Event** | Natural Language Processing (NLP) in AI | | |
| **Details of the Coordinator & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 20th April 2020 | 20th April 2020 | 1 Day |

<table>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students :</td><td>No.of PG Students</td><td>No.of outside participants:</td><td>Total Participants</td></tr>
<tr><td>-</td><td>40</td><td>-</td><td>5</td><td>45</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB, under clusters, has organized a webinar on one of the core innovative technologies in AI -Natural Language Processing (NLP). Natural Language Processing is a field of Artificial Intelligence that gives the machine the ability to read, understand and derive meaning from naturally spoken human languages.<br><br>The speaker for the webinar Gayathri Peesapati is a student of GRIET, pursuing 3rd-year B-Tech in CSE. She has graduated from the ISB Technology entrepreneurship program and has worked on multiple projects. She Gayathri gave a detailed overview of the prerequisite function of NLP which is Text Preprocessing. This essential function converts the text said by humans in natural language into a machine-readable format. Nextly, the speaker demonstrated the process of Text Summarization in NLP which enables users to extract a summarized version of the original data.</td></tr>
<tr><td>POs attained with this Event<br>(number and description)</td><td colspan="5">Ms. Gayathri has illustrated functions and properties of NLP Text Summarization in a detailed fashion with relevant codes and output which boosted enthusiasm among participants to further explore the field of Natural Language Processing.</td></tr>
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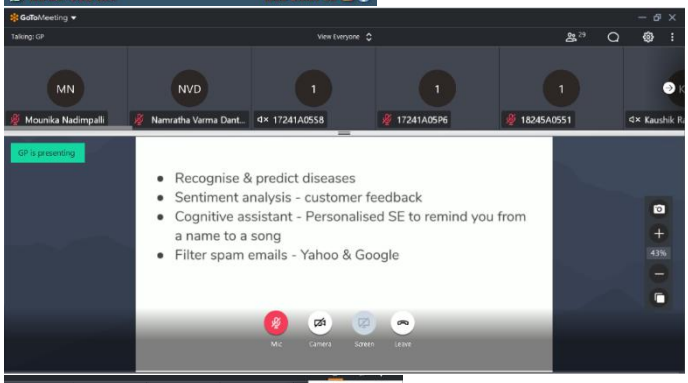
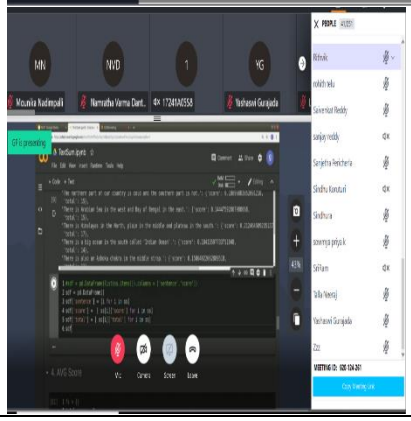
| **Photographs of the event**<br>(Hard copy and Soft copy) | <br>  <br>  |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Gayathri Peesapati is a student of GRIET, pursuing 3rd-year B-Tech in CSE. She has graduated from the ISB Technology entrepreneurship program and has worked on multiple projects. |

**Signature of Coordinator** **Signature of HOD**

# Webinar on Pitching Innovative ideas

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | **CSE** | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Webinar | | |
| **Title / Theme of the Event** | **Pitching Innovative Ideas** | | |
| **Details of the Coordinator & Designation** | **Dr. Y. Vijayalata (Dean GPAAC)** | | |

<table>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td>No. of Days</td></tr>
<tr><td>20- 04- 2020</td><td>20-04-2020</td><td>1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="4">Dr Sudeendra Koushik<br>( PhD, Chief Innovator PRASU, Innovation, Mobility, Member BoG IEEE TEMS, Chairman TEMS India, TEDx and Keynote Speaker )</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>4</td><td>98</td><td></td><td>--</td><td>102</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="4">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td>Summary of the Event</td><td colspan="4">IEEE GRIET SB conducted a webinar on “Pitching Innovative Ideas” by Dr. Sudeendra Koushik in collaboration with CSI GRIET. The session highlighted how to build up innovative ideas. The objective of the webinar was to help students find the right solutions for any problem. The session was held on 2oth April 2020 from 5.00 PM to 6.00 PM, using the platform Cisco WebEx meetings.<br><br>Dr. Sudeendra Koushik began the session by addressing how innovation set itself apart from invention with a few daily life examples like Plug-in switches, Mountain Dew, Dothis with pockets, etc. He also enlightened us about how to be confident about our product through videos.<br><br>He described about types of Business:<br>• Top Line: What customers can see.<br>• Bottom line: What company can see.<br><br>In the end what both want to see is innovation. He persuaded the participants with a question: When do you spend money and buy a product what do you expect from it?. The common answer was</td></tr>
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| | that the product should be satisfactory with their needs. But the answer he was waiting for is Value. Deriving Value of the product is the key where the money should be worth its value. He mentioned that Technology is NOT Value!! The benefits of technology can be one.<br><br>He then raised a question which triggered a conversation with the audience. His question was: Innovation can cause many changes in people's life, automated driving can lead to loss of jobs for cab/taxi drivers, How can we classify that innovation is a good step ahead? for which none of them had an answer. He said that inspirations are most vital for innovation, and so is competition and he also referred to the course of design thinking and how it plays a role for innovation.<br><br>Over the course of the webinar, the speaker discussed in length about the various reasons for start-up to fail:<br><br>• Building something nobody wants<br>• Lack of focus<br>• Falling to ask for help<br><br>He also illuminated that the disadvantages and gaps of the current situation is the context for innovative opportunity. Context is the key. For us to understand the context we need to ask… WHY? and SO WHAT??<br><br>In order to Pitch a Problem he instructed us to find answers for the following question:<br><br>• What is the Problem we should solve?<br>• Why should we solve the problem?<br>• How do we solve this problem?<br><br>He revealed that as a result of these answers you will know the value for the Users.<br><br>Dr. Sudeendra Koushik also stressed on ways to find the right problem , more often these problems help us unveil the answers for the following questions.<br><br>• What is the problem?<br>• When does the problem (not) occur?<br>• What is the problem leading to?<br>• Who is affected by the problem?<br>• When is a problem not a problem? |

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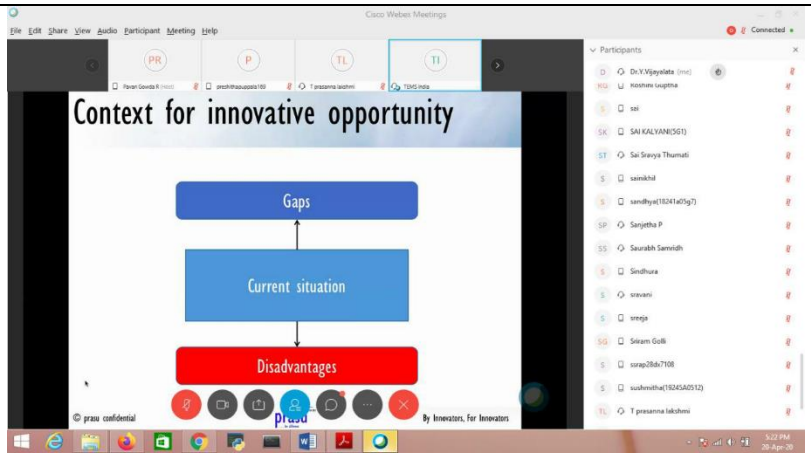
| | • How is the problem noticed?<br>• How big is the problem?<br><br>He referred his book "**60 Quotes for Success: Quotes for Coaching**" to attendees. It is a set of experience based quotes to support the coaching process, whether you are coaching someone else or yourself.<br><br>The session was concluded with a Q&A where students and faculty came up with doubts. The session was extremely informative with many videos related to the session. It educated the students as well as the faculty on pitching innovative ideas. |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | -- |
| **POs attained with this Event** (number and description) | -- |
| **Photographs of the event** (Hard copy and Soft copy) |  |

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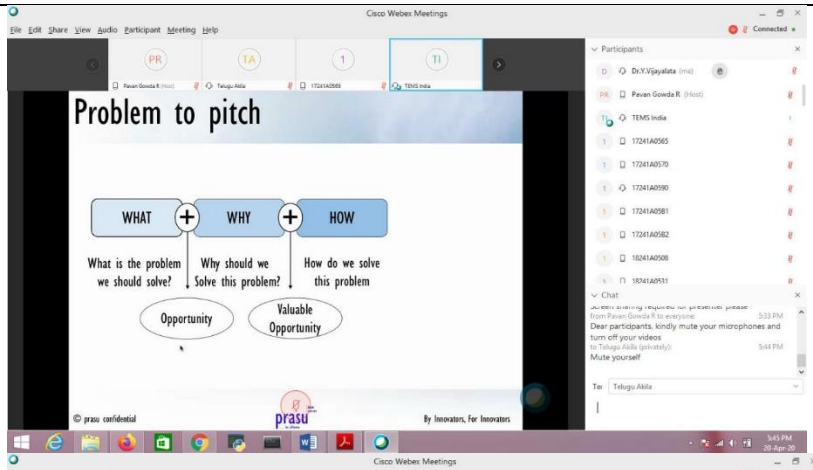
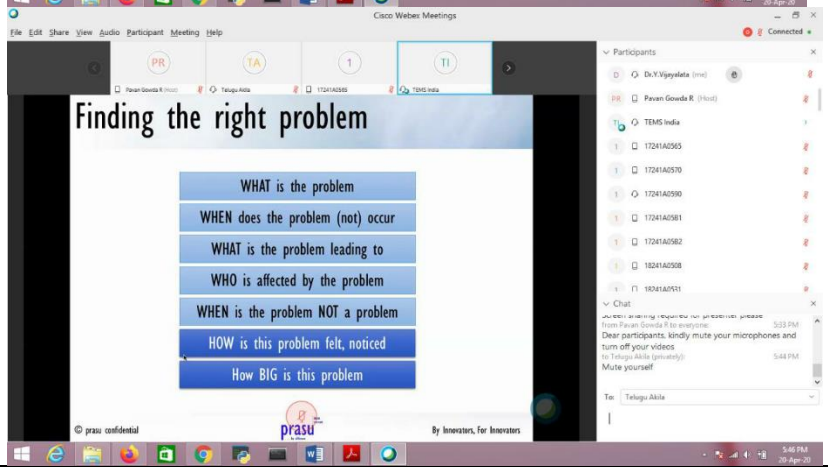
<td> 


</td>
</tr>
<tr>
<td>Proofs:<br>1.Certificates copies<br>2.Profile of Speaker<br>3.PPT/Material as applicable.etc.,</td>
<td>Dr Sudeendra Koushik<br>( PhD, Chief Innovator PRASU, Innovation, Mobility, Member BoG IEEE TEMS, Chairman TEMS India, TEDx and Keynote Speaker )</td>
</tr>
</table>

**Signature of Coordinator** **Signature of HOD**

# Webinar on Importance of Healthy Living

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Webinar | | |
| **Title / Theme of the Event** | Importance of Healthy Living and Nutritious Food | | |
| **Details of the Coordinator & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 22nd April 2020 | 22nd April 2020 | 1 Day |

<table>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students :</td><td>No.of PG Students</td><td>No.of outside participants:</td><td>Total Participants</td></tr>
<tr><td>30</td><td>64</td><td>-</td><td>10</td><td>104</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">‘A healthy outside starts from a healthy inside’. IEEE GRIET SB WIE AG has come forward to organize a webinar on a fundamental yet significant topic Importance of Healthy Living and Nutritious Food on the 22nd of April using the platform youtube live.<br>During this session, Ms. Indira took to a unique style of presentation. She simultaneously demonstrated live cooking of healthy instant recipes while still enlightening the audience about nutrition. She repeatedly stressed the need to include high protein food like chicken, egg, oats, lentils, sprouts e.t.c. in our diets. Moreover, she suggested people refrain from consuming high amounts of salt and sugar to stay fit and disease-free.<br>The speaker motivated everybody to leave behind the sedentary lifestyle and use this time of lockdown as an opportunity to consistently practice any form of exercise every day and stay hale and healthy. The webinar was informative and interactive at all times as the speaker effectively cleared queries from students.</td></tr>
<tr><td>POs attained with this Event<br>(number and description)</td><td colspan="5">Eating right is one of the most important aspects of healthy living. However, the surge in urbanization has led to a steady increase in both consumption and production of processed and fast foods which consequently increased obesity and invited many chronic diseases. Therefore the event intended to spread awareness about the significance of nutritious food and a balanced diet.</td></tr>
</table>

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Ms. Indira is a home food maker turned online reputed chef running a Youtube cooking channel 'Hyderabadi Ruchulu'. Her channel has over 5 Lakh subscribers and she has been conferred with the Social media influencer of the year 2019 award from CTI and government of Telangana. |

**Signature of Coordinator** **Signature of HOD**

# ANNUAL GENERAL MEETING

IEEE GRIET student branch EXE COMM chapter conducted an annual general meeting to discuss the plans and events that are to be conducted in the following year.

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Tech Talk | | |
| **Title / Theme of the Event** | IEEE GRIET SB Annual General Meet 2021 | | |

<table>
<tr><td>Details of the Coordinator & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td colspan="2">From</td><td colspan="2">To</td><td>No. of Days</td></tr>
<tr><td colspan="2">04- 01- 2021</td><td colspan="2">04- 01- 2021</td><td>1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>5</td><td>30</td><td>--</td><td>--</td><td>35</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">The Annual General Meeting(AGM) of IEEE GRIET SB is held with an objective to analyze the annual performance of the Student Branch in 2020 and effectively plan events for the new year 2021. The honorable guests for the meeting were Dr. J Praveen (Principal, Griet) and Dr. L. Jayahari (Dean, Student Affairs). Members of the Core Committee, Student Branch Counselor Dr. Y Vijayalata, and Chapter Advisors have attended the meeting. The AGM was held virtually using the online platform GoTo Meetings.<br><br>The meet commenced with Dr. Y. Vijayalata giving an overview of the Student Branch operation and the various opportunities available with IEEE. During her presentation, she has elucidated about various benefits like the IEEE Xplore, IEEE Student Job site, IEEE Spectrum e.t.c. Nextly, she has familiarised everybody with the criteria for any Student Branch establishment and structure of its student members. She has detailed the members about the numerous funding opportunities and awards that can be availed. Also, she has briefed about the reporting platform Volunteer tools (Vtools) where officer reporting and event reporting has to be done to get a rebate.</td></tr>
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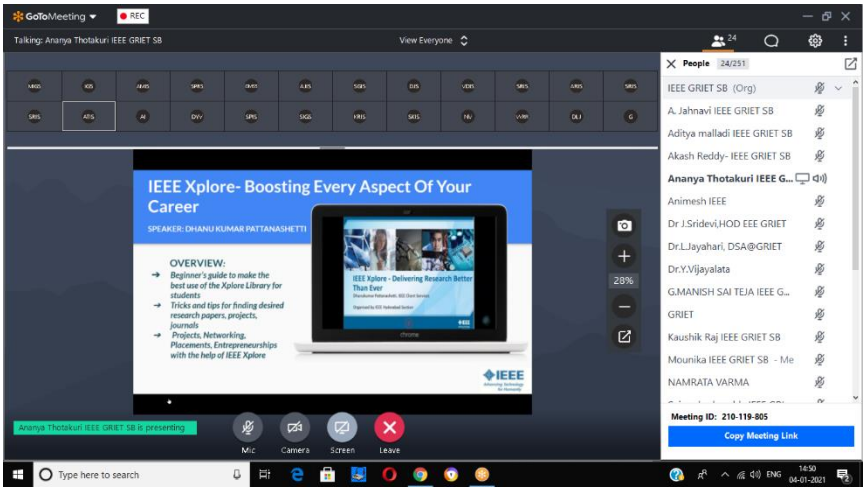
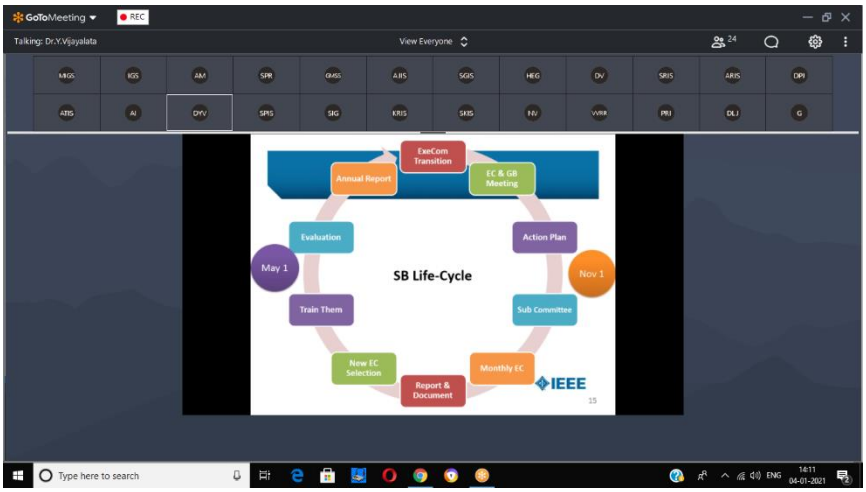
| | |
|---|---|
| | Nextly, Ch. Akash Reddy, chairperson of IEEE GRIET SB introduced the members of EXE-COM and described their roles to the dignitaries. With relevant statistics and pictures, the growth of student members over the years was depicted along with the renowned awards received by IEEE GRIET. Akash explained the working of each chapter and its members under the Student Branch and their significant role in conducting events. Then, he shortly presented the events and activities conducted in the calendar year 2020 ranging from administrative, technical, and co-curricular. Later, the annual plan for the year 2021 was discussed with all the members and mentors.<br><br>Then, the individual chapters and Affinity Group of IEEE GRIET elaborated about their respective chapters promoting their mission. The establishment, activities, and awards received by each chapter were explained subsequently by its student members followed by the annual plans for each chapter. All the mentors and honorable guests have shared their views and valuable advice on the further development of the Student Branch. They suggested that IEEE GRIET should advance forward by conducting activities that not only focus on the students of GRIET but engage diverse audiences from different institutes. Also, a proposal of having a mini projects lab for students to help build students' skillset was put forth by the advisors. The meeting concluded with a Vote of Thanks, extending profound gratitude to all the advisors and for their constant guidance that has helped the SB acquire awards and recognition at various levels. The guests of the meet were also thanked for gracing the event and sharing their knowledge and advice that has always benefitted the SB. |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | **--** |
| **Expenditure (**in rupees**) (enclose proof bills)** | **--** |
| **POs attained with this Event** | -- |

| | |
|---|---|
| (number and description) | |
| **Photographs of the event**<br>(Hard copy and Soft copy) |  <br>  |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Dr. Y. Vijayalata<br>(Dean GPAAC) |

# International Women's Day Celebrations 2021

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE WIE AG** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Women's day celebration** | | |
| **Title / Theme of the Event** | **IEEE-SB WIE-AG INTERNATIONAL WOMENS DAY CELEBRATION** | | |
| **Details of the Coordinator& Designation** | Dr. J. SRIDEVI<br>IEEE GRIET SB WIE-AG advisor<br>Dr. G. MAMATHA<br>Coordinator of WDC and Chairperson of Anti Sexual Harassment Cell GRIET | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 08-03-21 | 08-03-21 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mrs.Kranthi Ahron Jannu<br>Operation Red Alert State Coordinator and Quality Controller for My Choices foundation organisation</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>30</td><td>125</td><td></td><td></td><td>155</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. J Praveen<br>Principal, GRIET<br><br>Mr MG Sekharam<br>CAO, GRES<br><br>Dr. Jandhyala Narayana Murthy<br>Director, GRIET<br><br>Dr. J. Sridevi<br>IEEE GRIET SB WIE-AG advisor<br><br>Dr. G. Mamatha<br>Coordinator of WDC and Chairperson of Anti Sexual Harassment Cell GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB WIE AG in collaboration with Women Development Cell (WDC) of GRIET held an online event to celebrate the occasion of International Women’s Day with the theme: Choose to Challenge. The objective was to celebrate the spirit of womanhood and instill a sense of confidence in women to excel in any desired field.<br><br>Dr. G Mamatha, Coordinator of WDC and Chairperson of Anti Sexual Harassment Cell GRIET has welcomed the guests and has extended her warm greetings to the audience. The event commenced with a prayer song. Then, IEEE GRIET Student Branch Counselor Dr. Y. Vijayalata recalled a famous sanskrit slogan which means, god resides where women are worshipped. She explained the significance of the theme of International Women’s Day 2021 : Choose to Challenge. The theme asserts women make choices to bring a potential change in society, while staying accountable to their actions and having control over their</td></tr>
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|---|---|
| | thoughts. She spoke about the immense strength that a woman holds and how she can influence the world in moving towards progress.<br><br>The principal of GRIET Dr. J Praveen, addressed the subject of gender parity in various organisations and proudly called GRIET as an institute that has an equal number of male and female staff. He has high regard for women and also explained the qualities that a woman possesses by taking examples from hindu mythological characters like goddess Lakshmi, Saraswathi, Durga and Sita. Furthermore , he expressed his gratitude to the women of his family and to the women of GRIET who have never let their spirit falter. Dr. Jandhyala Narayana Murthy , the director of GRIET showered his respect for women . He described the diverse roles women play and their importance in shaping a better world. He spoke about how Ramakrishna Paramahamsa called every woman irrespective of their age as ‘amma’ (Mother). He detailed the strong influence of women in his life and said that women are the basic element constituting the world.<br><br>Nextly, Dr. K.S.N Raju, Senior AO of GRIET expressed his happiness on celebrating the day with the faculty of GRIET. He also suggested that as a responsible citizen it is one's duty to create awareness about gender sensitivity. He rightly said that no nation can witness progress without the empowerment of its women. Then, Dr. K.S.N Raju uniquely illustrated the courage and strength of women by playing an inspiring song .<br><br>Mr. MG Sekharam, the CEO OF GRES gave a brief overview of the social evils prevailing in our society like female feoticide ,infanticide etc. He expressed his concern for the need for women empowerment and gender equality. Shekharam sir also gave valuable advice to the members of WDC to incorporate the importance of educating a girl child among people belonging to the lower level of economic strata through their social activities.<br><br>The chief guest of the day Mrs.Kranthi Ahron Jannu is an Operation Red Alert State Coordinator and Quality Controller for My Choices foundation organisation. The foundation is an NGO committed to the welfare of women. It also works against domestic violence and anti-trafficking issues in the society. On this significant day, Mrs. Kranthi addressed the topic of managing family relations for working women. She conducted a small |

| | |
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| | activity wherein the audience were asked to write the tasks performed by them for their family and tasks done for them separately. The outcome of this task made them realise that contrary to what they do the family, very little effort is put forth to nurture themselves. She encouraged women to ponder on their individual self and appreciate themselves rather than focussing on being acknowledged by others. She also demonstrated ways to deal with disrespectful toxic conflicts at home. She shared various anecdotes from her past experiences that kept the audience engrossed. Then, the vote of thanks was presented by the HOD of EEE department and IEEE WIE chapter branch counselor Dr. J Sridevi. It was followed by the national anthem. |
| **IRG (**in rupees**)** | 0 |
| **Expenditure (**in rupees**)** | 0 |
| **POs attained with this Event** (number and description) | N/A |

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and soft copy) | <br> <br> |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | The chief guest of the day Mrs.Kranthi Ahron Jannu is an Operation Red Alert State Coordinator and Quality Controller for My Choices foundation organisation. The foundation is an NGO committed to the welfare of women. It also works against domestic violence and anti-trafficking issues in the society. |

**Signature of Coordinator** **Signature of HOD**

# EMI/EMC for EVs – Overview

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **GRIET** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE – PES SB CHAPTER** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Tech Talk - Webinar** | | |
| **Title / Theme of the Event** | **EMI/EMC for EV's- Overview** | | |
| **Details of the Coordinator& Designation** | Mr. V Vijaya Rama Raju<br>Associate Professor (Department of EEE) & Associate Dean IQAC<br>IEEE GRIET PES Chapter advisor | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 20th March, 2021 | 20th March, 2021 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr. Dr. N.V.P.R. Durga Prasad<br>Retired from BHEL Corp. R&D - India</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td></td><td>57</td><td></td><td></td><td>57</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5"></td></tr>
<tr><td>Summary of the Event</td><td colspan="5">PES- Jt. Chapter- IEEE Hyderabad section in association with IEEE GRIET Student Branch conducted a webinar on “EMI/EMC for EV’s- Overview” on the Cisco Webex platform with around 59 attendees. The foremost objective of this session was to address the fundamental overview of EMI/EMC in Electrical vehicles including testing and design compliances factors.<br>The speaker of the webinar- Dr. Durga Prasad, retired from BHEL Corp. R&D - India, after serving for about 35 years in various capacities. He is known for his development of multiple products and systems for Power Plants, Process Industries and Defence and is also known to hold numerous patents and copyrights.<br>In this modern-edged world, all-electric vehicles are rapidly increasing with batteries replacing fuel systems, inverter-driven electric motors replacing the engine and auxiliaries such as pumps and compressors, and an ever-important vehicle control unit controlling it all. But, to make this new electrically-dense concrete world work properly, it is increasingly important to understand and consider EMI and EMC in the design-layout of electric vehicles. In the present-day scenario, these concepts are very complex and are considerably easier to handle during the designing stage than in the final product.</td></tr>
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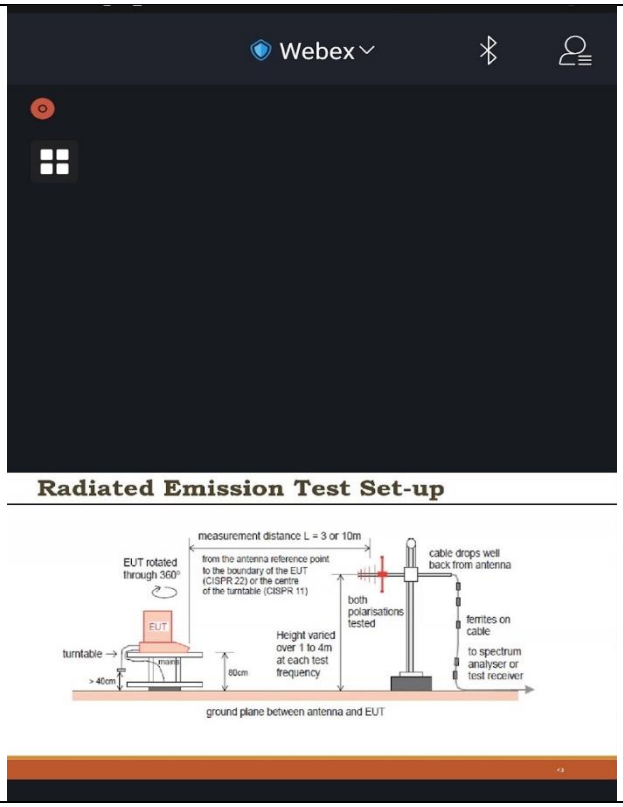
| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | |
| **POs attained with this Event**<br>(number and description) | |
| **Photographs of the event**<br>(Hard copy and Soft copy) |  |

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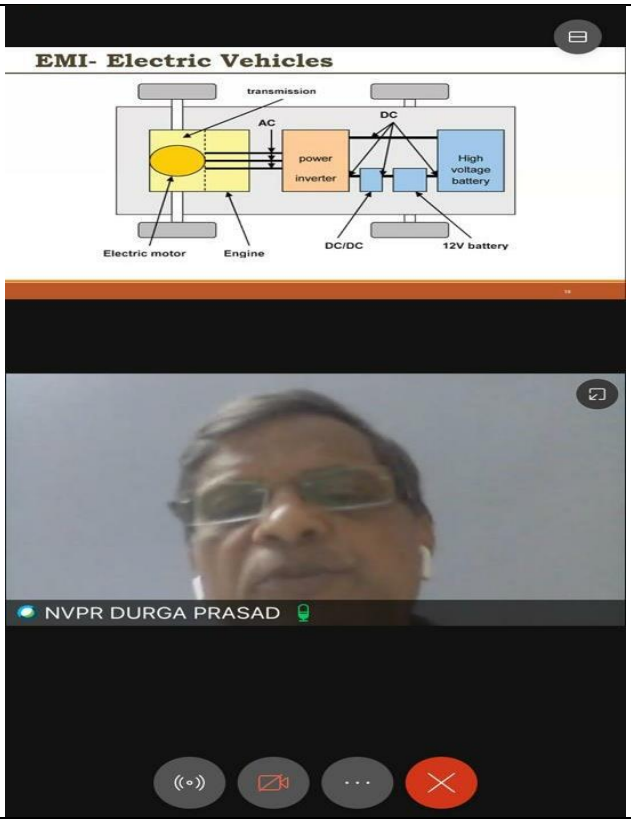
<td> 
</td>
</tr>
<tr>
<td>Proofs:<br>1.Certificates copies<br>2.Profile of Speaker<br>3.PPT/Material as applicable. etc.,</td>
<td>Profile of Speaker:<br><br>Dr. N.V.P.R. Durga Prasad retired from BHEL Corp. R&D, India after serving for about 35 years in various capacities. He headed the Advanced Intelligent Machine Control Systems: Design and Development of many electrical and electronic projects for various applications right from project initiation stages through critical design reviews to delivery, conceived and developed a number of products and systems for Power Plants, Process Industries and Defense. He also architected and developed a Distributed Controller System (DCS) for power plants based on real time embedded systems and VxWorks RTOS. An on-line generic Asset Management System software, encompassing Condition/Periodic/Time based Maintenance was developed for electrical power generation and distribution. Furthermore, he designed and developed mil-grade compliant variable frequency</td>
</tr>
</table>

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|---|---|
| | and variable voltage (VFVV) drive controllers for large capacity Permanent Magnet based Motors for Defense Applications, Established an Integrated Regenerative Test Bed facility for testing large capacity (up to 500 kW) Permanent Magnet Machines for the Defense Applications, and conceived and led the projects in the Design automation of product design and manufacturing through Knowledge Based Engineering (KBE). He is an Expert Consultant, providing expert guidance to Defense projects (Navy) for EMI/EMC compliance. He is also the Chairman Engineering Software Committee which is a committee for scrutinizing and approving proposals for new software procurement. He holds a number of patents and copyrights. |

**Signature of Coordinator** **Signature of HOD**

# IEEE GRIET SB Annual Alumni Meet 2021

**IEEE GRIET SB**

**EVENT SUMMARY REPORT**

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Tech Talk | | |
| **Title / Theme of the Event** | IEEE GRIET SB Annual General Meet 2021 | | |
| **Details of the Coordinator & Designation** | Dr. Y. Vijayalata<br>(Dean GPAAC) | | |
| **Event Dates/Days** | From | To | No. of Days |

<table>
<tr><td></td><td colspan="2">06- 04- 2021</td><td colspan="2">06- 04- 2021</td><td>1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>5</td><td>55</td><td>--</td><td>--</td><td>60</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB, GRIET organized Virtual Annual Alumni Meet-2021 on April 6th 2021. The program began with invocation by Shankar (IEEE Core Committee Member).<br>Ch. Akash Reddy the Chair of the IEEE GRIET SB, Dr.Y.Vijayalata the Counselor of IEEE GRIET SB and Dr. J Sreedevi the Faculty advisor of WIE Chapter, GRIET welcomed the virtual gathering. The event was registered and attended by the alumni of IEEE GRIET SB from different parts of the world which included US, Canada.<br>Dr. J. Praveen, Principal, GRIET in his inaugural address expressed happiness on overwhelming response from the alumni. He opined that social distancing and online meeting have become new-norm in the recent past at the same time this pandemic has taught us lessons of being flexible and accommodative. He also expressed that technology sector will continue to grow in spite of the prevailing situation.<br>Dr. M.G. Shekaram, CEO, GRIET in his address expressed his happiness about the accomplishments of college. He also expressed that alumni can contribute in a big way in taking their alma matter to the next level by instituting awards, prizes, joint projects and donation to the corpus fund.<br>Dr. Jandyala, Director, GRIET, in his address said that college can facilitate the alumni in enhancing their qualification through PG Diploma courses and PhD programs. He urged the alumni to contribute in enhancing Knowledge and skill domains of currents students by conducting guest lectures, webinars, seminars and thanked the University leadership for providing all the necessary support and direction for the</td></tr>
</table>

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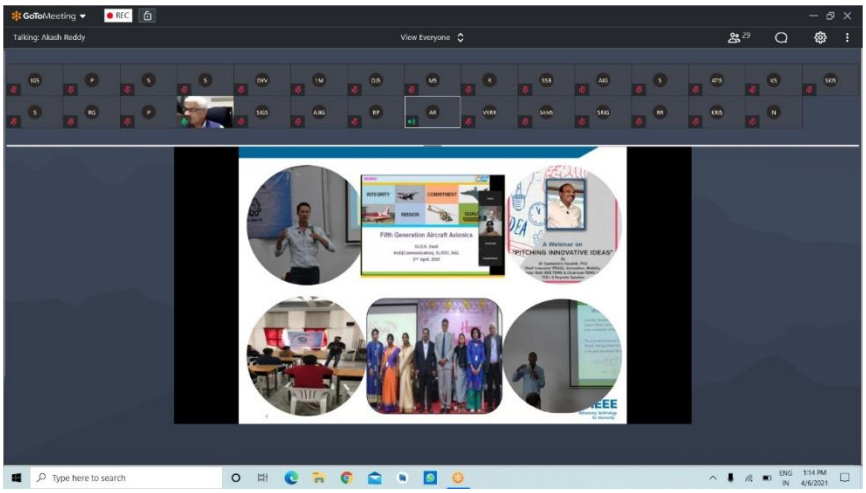
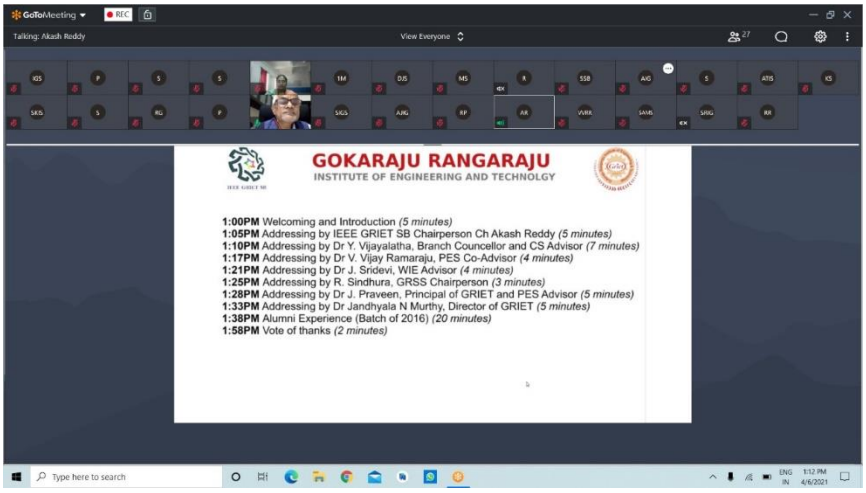
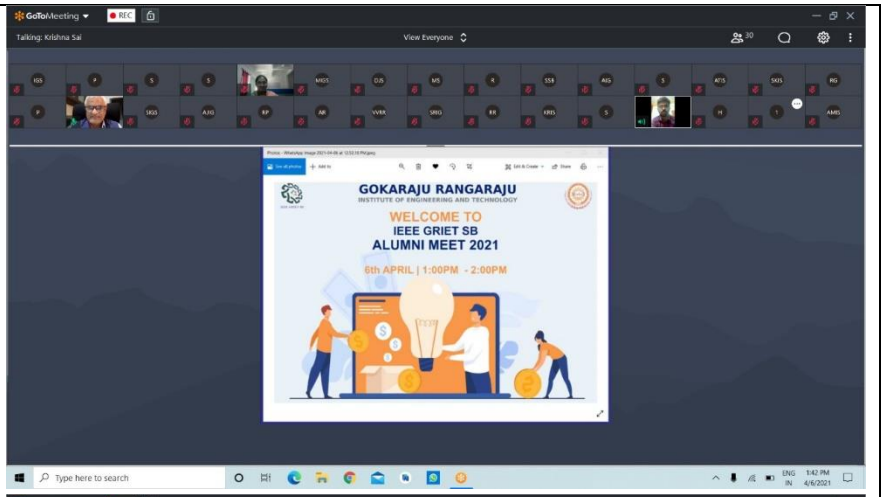
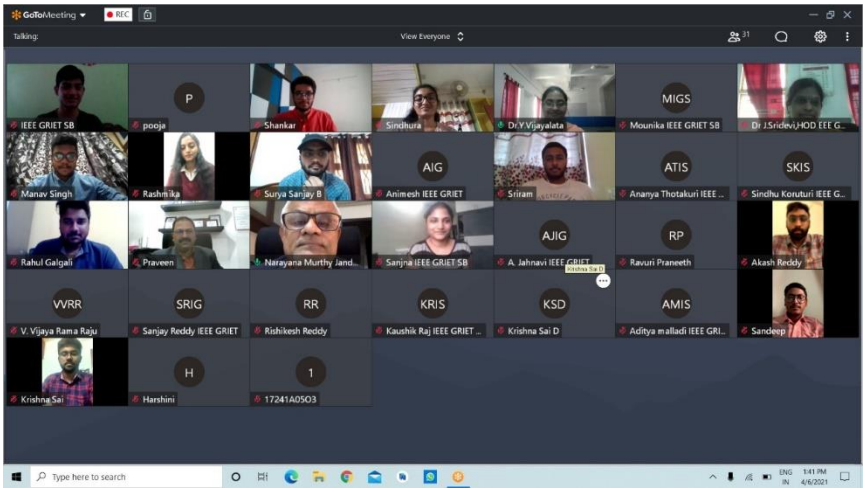
| | college to move forward. He also thanked the alumni for their active participation which is one of the key factors in perception criteria. He also expressed about the chalked out yearlong program from the alumni. He complimented and congratulated COVID-19 warriors for their untiring work during the prevailing pandemic.<br>Some of alumni expressed their views about the college and alumni meet.<br>Mr Krishna elaborated how IEE GRIET SB thread connects the alumni even in world with examples.<br>Mr. Anurag , Mrs. Rashmika, and Mr. Surya Sanjay recalled their college memories.<br>Shankar proposed vote of thanks to all people involved in the successful conduct of the event.<br>Prior to the annual alumni meet, the event details were shared to the alumni through various social media platform and mail was also sent to all alumni. |
| **IRG (**in rupees**)**<br>**Deposit A/C No , A/C Name , date and other details**<br>**(enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**)**<br>**(enclose proof bills)** | -- |
| **POs attained with this Event**<br>(number and description) | -- |
| **Photographs of the event**<br>(Hard copy and Soft copy) | |


GoToMeeting
REC
Talking: Akash Reddy
View Everyone
Fifth Generation Aircraft Avionics
Type here to search


GoToMeeting
REC
Talking: Akash Reddy
View Everyone
GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLGY
1:00PM Welcoming and Introduction (5 minutes)
1:05PM Addressing by IEEE GRIET SB Chairperson Ch Akash Reddy (5 minutes)
1:10PM Addressing by Dr Y. Vijayalatha, Branch Councellor and CS Advisor (7 minutes)
1:17PM Addressing by Dr V. Vijay Ramaraju, PES Co-Advisor (4 minutes)
1:21PM Addressing by Dr J. Sridevi, WIE Advisor (4 minutes)
1:25PM Addressing by R. Sindhura, GRSS Chairperson (3 minutes)
1:28PM Addressing by Dr J. Praveen, Principal of GRIET and PES Advisor (5 minutes)
1:33PM Addressing by Dr Jandhyala N Murthy, Director of GRIET (5 minutes)
1:38PM Alumni Experience (Batch of 2016) (20 minutes)
1:58PM Vote of thanks (2 minutes)
Type here to search



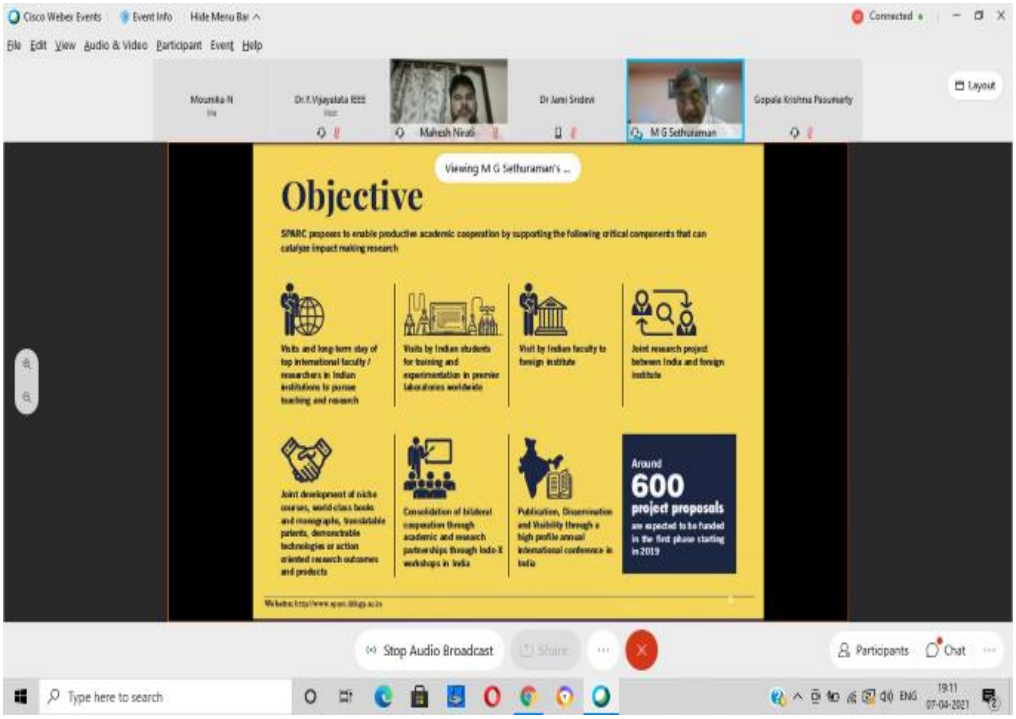

| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | Dr. Y. Vijayalata<br>(Dean GPAAC) |

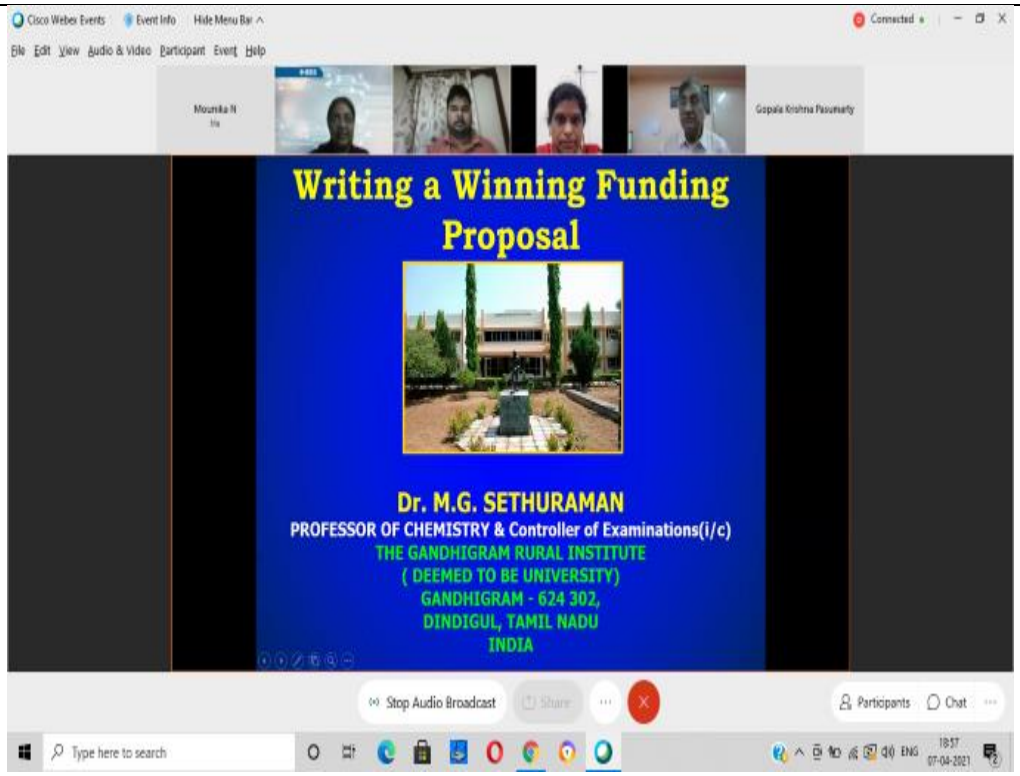
# Webinar on Writing a Winning Research Proposal

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology Nizampet Road, Bachupally, Kukatpally Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE WIE AG** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Guest lecture** | | |
| **Title / Theme of the Event** | **WEBINAR ON WRITING A WINNING RESEARCH PROPOSAL** | | |
| **Details of the Coordinator& Designation** | Dr. J. SRIDEVI<br>IEEE GRIET SB WIE-AG advisor | | |
| **Event Dates/Days** | From | To | No. of Days |

<table>
<tr><td></td><td>07-04-21</td><td>07-04-21</td><td colspan="3">1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">M.G Sethuraman<br><br>Professor of Chemistry, Gandhigram Rural Institute – DU, Gandhigram had his M. Sc and Ph. D from National Institute of Technology, Trichy.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>2</td><td>47</td><td></td><td></td><td>49</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. J. Sridevi<br>IEEE GRIET SB WIE-AG advisor</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB Women In Engineering(WIE) AG, in collaboration with the Education Society of IEEE Hyderabad Section has organised a webinar on “Writing a winning Research Proposal” by Dr. M.G Sethuraman. The webinar was held using the online platform Cisco Webex Meetings.<br><br>The goal of a research proposal is to present and justify a research idea that one has and to present the practical ways in which the research should be conducted. The webinar started off with Mr. M.G Sethuraman educating the attendees about the purpose of a research proposal and the value they hold in building innovation to bring modern solutions to present and future problems. He explained the significance of Research proposals and their effectiveness in transforming ideas into reality.<br><br>Nextly, he introduced students to the statutory body: Science and Education Research Board (SERB). This Government of India establishment, aims to build up best management systems which would match the best global practices in the area of promotion and funding of basic research. He detailed to the students about the various schemes offered by SERB that support research funding and explained to students how to avail this opportunity. He also mentioned major fundamental thrust schemes that are majorly funded for research. These include, basic science, Applied and interdisciplinary sciences, humanities and social sciences,computational and mathematical sciences and Earth ,environmental sciences.<br><br>Dr. M G Sethuraman, stressed on the fact that a research proposal needs to be original, valid and good for it to be persuasive for the granter to fund theproject. He detailed the significant elements that a research proposal should consist of like title,Executive Summary,Budget,funder e.t.c . Apart from this he mentioned various funding agencies and numerous funding opportunities available for the interest of students.</td></tr>
</table>

| | |
|---|---|
| **IRG (**in rupees**)** | 0 |
| **Expenditure (**in rupees**)** | 0 |
| **POs attained with this Event** (number and description) | N/A |
| **Photographs of the event** (Hard copy and soft copy) |  |


Writing a Winning Funding Proposal
Dr. M.G. SETHURAMAN
PROFESSOR OF CHEMISTRY & Controller of Examinations(i/c)
THE GANDHIGRAM RURAL INSTITUTE
( DEEMED TO BE UNIVERSITY)
GANDHIGRAM - 624 302,
DINDIGUL, TAMIL NADU
INDIA

Funding Proposal
It is a persuasive, well presented and clearly written document which convinces the granter to fund a project.

| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | The speaker, Dr. M.G. Sethuraman, Professor of Chemistry, Gandhigram Rural Institute – DU, Gandhigram had his M. Sc and Ph. D from National Institute of Technology, Trichy. He has 30 years of teaching and 34 years of research experience. His areas of specialisation include Natural Products Chemistry and Surface protection strategies. Prof. Sethuraman has published 130 research articles in leading International Journals with good impact factors and his publications are widely cited. |

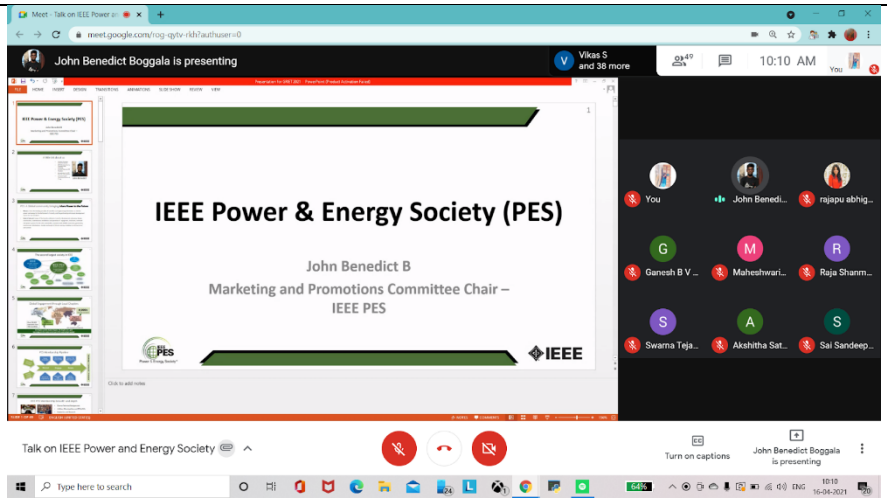
**Signature of Coordinator** **Signature of HOD**

# Talk on IEEE Power and Energy Society

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **GRIET** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE-PES SB Chapter** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Tech Talk - Webinar** | | |
| **Title / Theme of the Event** | **Talk on IEEE Power and Energy Society** | | |
| **Details of the Coordinator& Designation** | Mr. V Vijaya Rama Raju<br>Associate Professor (Department of EEE) & Associate Dean IQAC<br>IEEE GRIET PES Chapter advisor | | |
| **Event Dates/Days** | From | To | No. of Days |

<table>
<tr><td></td><td>16th April, 2021</td><td>16th April, 2021</td><td colspan="3">1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr. John Benedict Buggala, Former manager at Amazon and YP Member of ComSoc and PES.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td></td><td>50</td><td></td><td></td><td>50</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5"></td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB- PES chapter conducted PES membership awareness drive through the webinar on IEEE POWER AND ENERGY SOCIETY in Google meet for 1st Year Electrical and Electronics Engineering students. The speaker for the webinar Mr. John Benedict Buggala worked with Amazon as Manager for about six years before moving to consult at the start of 2021.<br><br>This webinar was conducted as a membership drive to the first-year students, to bring awareness about one of the oldest technical professional societies, the Power and Energy Society. Mr. Benedict elucidated the importance and significance of IEEE PES membership for students. PES membership provides access to the popular Electrification magazine and numerous free certified technical webinars, offers unlimited discounts to students, builds networking with technology professionals, aids career even after graduation, assists the students in research and management, and many more.<br><br>Mr. John even elucidated regarding opportunities the society provides to the students to build their profession through the PES career. PES, unlike any other community, provides a platform to grow networking amidst students across the globe. PES even offers dozens of free technical tutorials and a digital library to build students' technical skills. He even added about Member-driven initiatives, funding opportunities and scholarships offered to the students across various regions.</td></tr>
</table>

| | |
|---|---|
| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | |
| **POs attained with this Event**<br>(number and description) | |
| **Photographs of the event**<br>(Hard copy and Soft copy) |  |

<table>
<tr>
<td></td>
<td>
</td>
</tr>
<tr>
<td>Proofs:<br>1.Certificates copies<br>2.Profile of Speaker<br>3.PPT/Material as applicable. etc.,</td>
<td>Profile of Speaker:<br><br>The speaker for the webinar Mr. John Benedict Buggala worked with Amazon as Manager for about six years before moving to consult at the start of 2021. He has been volunteering with IEEE for over ten years now. He currently serves as the corresponding editor for IEEE Potentials and is on the Young Professionals Team of ComSoc and PES. He has been the marketing and promotions chair for IEEE PES since 2017.</td>
</tr>
</table>

**Signature of Coordinator** **Signature of HOD**

# Membership Drive 2021

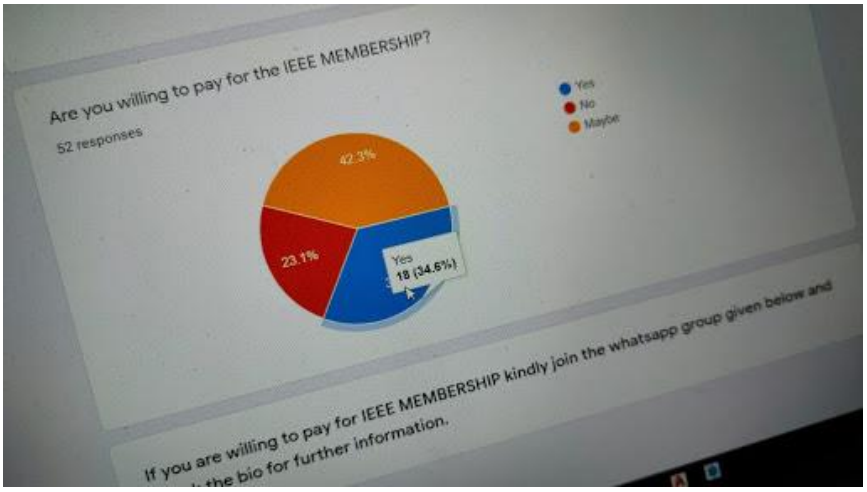
IEEE GRIET Membership Drive was conducted for B-Tech and M-Tech students with an agenda to help students to keep up with the advancement in technology to the next generation of engineering professionals. Students were really keen about the experience and benefits provided by IEEE. By the end of the drive, 106 members enrolled themselves as IEEE members to avail the multi-dimensional benefits provided by the professional body IEEE.

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE GRIET SB | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Membership Drive | | |

<table>
<tr><td>Title / Theme of the Event</td><td colspan="5">IEEE Membership Drive</td></tr>
<tr><td>Details of the Coordinator & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td colspan="2">From</td><td colspan="2">To</td><td>No. of Days</td></tr>
<tr><td colspan="2">12- 04- 2021</td><td colspan="2">17- 04- 2021</td><td>5</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">--</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td></td><td>96</td><td>14</td><td>--</td><td>110</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Y. Vijayalata<br>(Dean GPAAC)</td></tr>
</table>

| | |
|---|---|
| **Summary of the Event** | Initially, the information regarding the Membership Drive was forwarded to all the official whatsapp groups and also to our Instagram page. Later, the gotomeeting link was shared prior to the meeting. IEEE GRIET SB team gave the attendees a demo on how to enrol for IEEE membership and also gave insights on Membership benefits, societies in IEEE, Volunteering opportunities, events etc.<br><br>THE IEEE-GRIET student branch mainly aims :<br><br>To make the students aware about the latest technical advancements.<br>To inculcate a sense of teamwork and responsibility by encouraging them to<br>organize events.<br><br>To make them acquainted with various useful technologies by conducting<br>workshops.<br><br>To provide industrial experience by conducting various industrial tours.<br>To stress the importance of communication skills and thereby encouraging the<br>members in it by conducting literary clubs.<br><br>After the detailing, 52 students turned up and filled the google forms.. |

| | |
|---|---|
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | -- |
| **POs attained with this Event** (number and description) | Students were explained about the captivating benefits of IEEE and students joined as members. |
| **Photographs of the event** (Hard copy and Soft copy) |   |
| **Proofs: 1.Certificates copies 2.Profile of Speaker 3.PPT/Material as applicable.etc.,** | - |

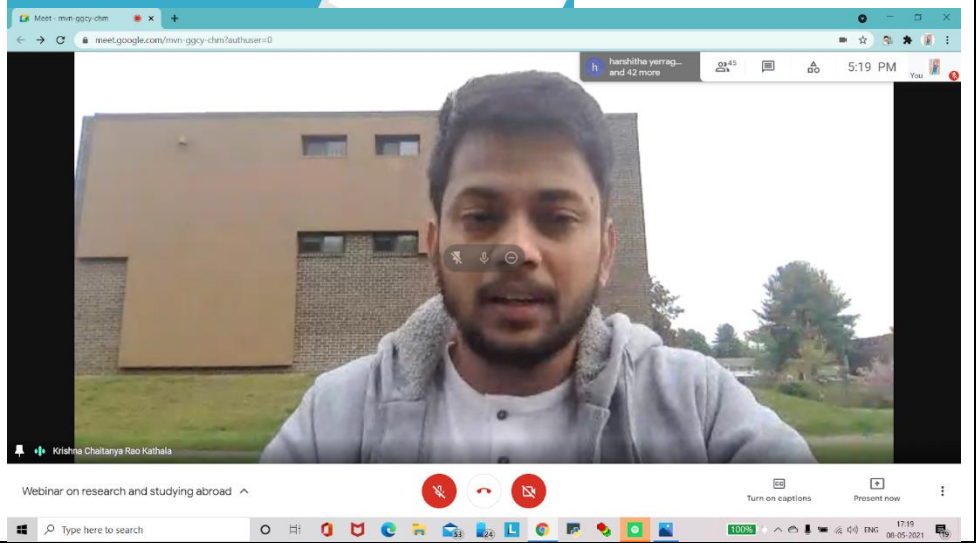
**Signature of Coordinator** **Signature of HOD**

# Webinar on Research and Studying Abroad

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **GRIET** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE – PES SB CHAPTER** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Tech Talk - Webinar** | | |
| **Title / Theme of the Event** | **Webinar on Research and studying Abroad** | | |
| **Details of the Coordinator& Designation** | Mr. V. Vijaya Rama Raju, Associate Professor & Associate Dean IQAC | | |
| **Event Dates/Days** | From | To | No. of Days |

<table>
<tr><td></td><td>9th May, 2021</td><td>9th May, 2021</td><td colspan="3">1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr. Krishna Chaitanya Rao<br>Held six international research paper publications Ex-member of the International Association of Engineers-Hongkong.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td></td><td>48</td><td></td><td></td><td>48</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5"></td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB- PES chapter conducted a webinar on Research and studying Abroad in the Google meeting platform with around 48 attendees. The main objective of the webinar is to assist students by channeling guidance that paves the way to their dreams to study abroad. The session was quite interactive. The speaker shared the personal preferences he made for his education. And motivated students about making the right choices at the right time. He shared the scenario of today’s education system in India. He listed various countries one can choose for their education while addressing the opportunities.<br>Mr Krishna motivated students to work hard to accomplish their dream. He explained the significance of Research papers for studying abroad and showed quite a few examples to write one.</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5"></td></tr>
<tr><td>Expenditure (in rupees)</td><td colspan="5"></td></tr>
</table>

| | |
|---|---|
| **POs attained with this Event**<br>(number and description) | |
| **Photographs of the event**<br>(Hard copy and Soft copy) | <br>  |

| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | Profile of Speaker:<br><br>The speaker of the session, Mr. Krishna Chaitanya Rao, held six international research paper publications and was a member of the International Association of Engineers- Hongkong. He also received the "Youth Research Scholar" award and was an author. He was known to be open to opportunities that engaged him to learn and grow, in the desire to build his career objectives stronger to date. |

**Signature of Coordinator** **Signature of HOD**

# Clean Energy Ideathon

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **GRIET** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE – PES SB CHAPTER** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Presentation** | | |
| **Title / Theme of the Event** | **Clean Energy IDEATHON** | | |
| **Details of the Coordinator& Designation** | Mr. V Vijaya Rama Raju<br>Associate Professor (Department of EEE) & Associate Dean IQAC<br>IEEE GRIET PES Chapter advisor | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 15th May, 2021 | 29th May, 2021 | 14 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Dr. Debi Prosad, Faculty counselor at IEEE BHU SB<br>Mrs. Sridevi, Head of EEE Department</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>9</td><td>200</td><td></td><td></td><td>200</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. Debi Prosad, Faculty counsellor at IEEE BHU SB<br>2. Mrs. Sridevi, Head of EEE Department<br>3. Mr. M V Satya Sai Chandra, Associate Professor IQAC<br>4. Mr. T Nagarjuna<br>5. Mr. M Siva Ram Kapil<br>6. Ms. Ankita Manekar<br>7. Dr. Srikanth Allamsetty<br>8. Mr. Mirza Dawood Ali<br>9. Ms. Neha Tak</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">Ideas are the beginning points of all fortunes, believing in this, IEEE GRIET SB PES CHAPTER in association with IEEE SB-IIT Bhubaneswar came up with a Nationwide Competition CLEAN ENERGY IDEATHON 2021. It was conducted on themes:<br>(1) Clean Energy,<br>(2) Pandemic and Post Pandemic Solutions and<br>(3) Rural Development.<br><br>The preliminary round involved the participating teams submitting the brief abstract of their idea on one of the given themes. We received over 250 registrations from 35 different colleges around the nation. 20 teams were shortlisted based on their motive out of the 99 teams that participated. The results of this first round were declared on May 25, 2021.<br>On 29th of May 2021, the second round was organized virtually. The event started with the inaugural ceremony in the presence of</td></tr>
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|---|---|
| | Chief Guests Dr. Debi Prosad and Mrs. Sridevi. We had 7 prominent judges to evaluate the ideas based on 4 criterias: Problem Statement, Proposed Idea, Implementation Plan and Evidence of functionality.<br>The shortlisted teams were divided into 2 batches of 10 teams each. Each team was allotted 7 minutes for presenting their idea which was followed by 3 minutes of Q&A from the judges. The event lasted from 10:00 AM to 12:00 PM.<br>On the following day, the results were declared after evaluating the presentations given by each team. A shoutout was given to the winners on our social media page and all the teams who submitted their presentations received e-certificates for participation. |
| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | |
| **POs attained with this Event**<br>(number and description) | |

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) | |

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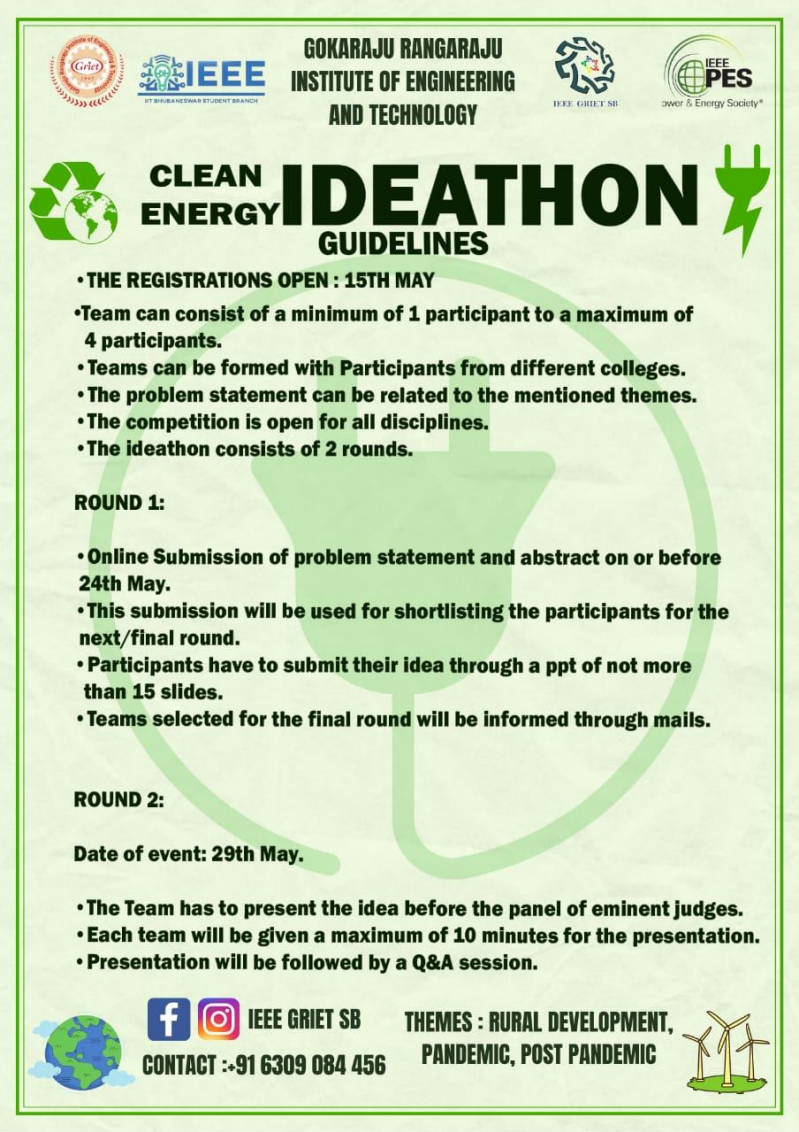
<td> 
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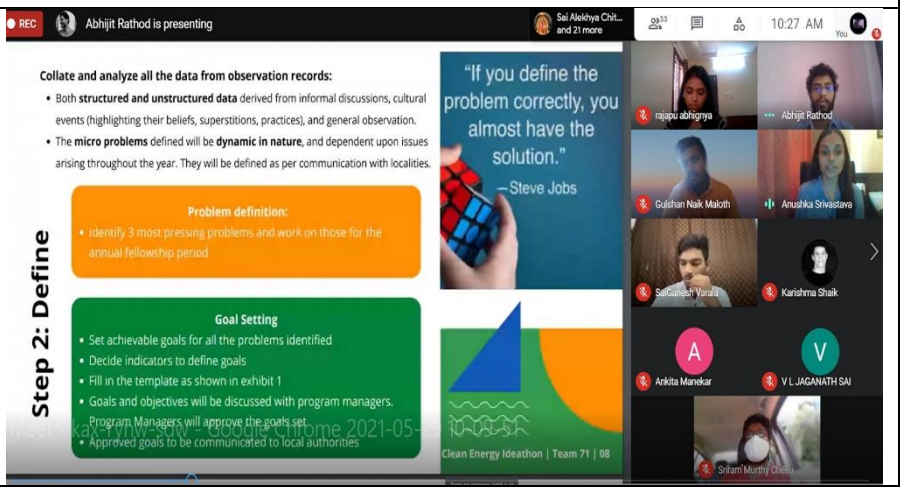
</tr>
<tr>
<td>Proofs:<br>1.Certificates copies<br>2.Profile of Speaker<br>3.PPT/Material as applicable. etc.,</td>
<td> 
</td>
</tr>
</table>

## PLANNER OF THE DAY

10am -Event Starts
10am to 10:03am – introduction
Speaker 1: 10:04 am to 10:09am
Speaker 2: 10:10 am to 10:15am
Speaker 3: 10:15 am to 10:20am

| BATCH 1 | BATCH 2 |
|---|---|
| Team 71 : 10:20am to 10:30am | Team 28 : 10:20am to 10:30am |
| Team 20 : 10:30am to 10:40am | Team 61 : 10:30am to 10:40am |
| Team 75 : 10:40am to 10:50am | Team 44 : 10:40am to 10:50am |
| Team 73: 10:50am to 11:00am | Team 98 : 10:50am to 11:00am |
| Team 81 : 11:00am to 11:10am | Team 90 : 11:00am to 11:10am |
| Team 97 : 11:10am to 11:20am | Team 69 : 11:10am to 11:20am |
| Team 78 : 11:20am to 11:30am | Team 76 : 11:20am to 11:30am |
| Team 13 : 11:30am to 11:40am | Team 82 : 11:30am to 11:40am |
| Team 63 : 11:40am to 11:50am | Team 53 : 11:40am to 11:50am |
| Team 80 : 11:50am to 12:00am | Team 92 : 11:50am to 12:00am |

Judges,Results :
Vote of thanks:2 mins
Round figure time : 2.5 hrs

**Signature of Coordinator** **Signature of HOD**

# Webinar on Financial Planning for Young Professionals

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology Nizampet Road, Bachupally, Kukatpally Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE WIE AG** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Guest lecture** | | |
| **Title / Theme of the Event** | **FINANCIAL PLANNING 1O1 FOR STUDENTS** | | |
| **Details of the Coordinator& Designation** | Dr. J. SRIDEVI<br>IEEE GRIET SB WIE-AG advisor | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 31-05-21 | 31-05-21 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Ms. Nidhi Kothari<br>Chartered Accountant</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>2</td><td>50</td><td></td><td></td><td>52</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. J. Sridevi<br>IEEE GRIET SB WIE-AG advisor</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB WIE AG in collaboration with HERMONEYTALKS and BSE INDIA conducted a webinar ‘FINACIAL PLANNING 101 FOR STUDENT’ which is a financial awareness program for undergrad and postgrad students.<br><br>The main objective of this work shop was to enlighten the millennials with the awareness of personal finance , saving , investments and many other topics related to finance.<br><br>The event was organized by 'HerMoneyTalks' in collaboration with BSE India .HerMoneyTalks is India's first one stop financial platform for women, a concept backed by NASSCOM & Goldman Sachs. They are focusing on financial literacy programs for students, young professionals to empower them with the financial knowhow.<br>Our speaker for today's session is Ms. Nidhi Kothari. Ms. Nidhi is a Chartered Accountant with 14 years of experience in the Banking and Finance industry. Her initial stint as a banker at ICICI bank and ABN AMRO provided her with a varied understanding of global markets. She discovered her calling for Sales and joined PGIM India Mutual Fund for an 8 year long stint. Nidhi has also completed NISM XA, XB, VA, XII certification and is an experienced trainer at HerMoneyTalks.<br>The speaker wanted to focus on importance finance in daily life . She started her session with a warm welcome to all the participants and began to explain the basics of personal finance . The emphaized the current mindset and awareness of youth regarding the matters of finance which is a very neglected topic. She quoted Warren Buffett “Don't save what is left after spending; spend what is left after saving” to explain the importance of saving . The speaker discussed about of wellbeing of an individual financially –FINANCIAL WELLNESS. She explained How a person can do well financially ? According to the speaker financial well being can be stated as being able to achive present and future goals , being financially prepared to tackle any untoward events , having a financial plan towards a big picture etc. She stated that the right approach for a good financial</td></tr>
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| | state is "EARN , INVEST , SPEND". The speaker then emphasized the importance of investment .She shared her view about a good investor and how to pan our investments according to the factors like our goals , risk factors , inflation , any many other . She also shared the best means to invest and different return rate.The benefits and process of investing in EQUITY shares were also discussed .The concept of CAPITAL MARKET was also introduced in the session .The benefits of engaging in capital market and the security terms of investments SEBI Security Exchange Board of India and their roles where discussed .Different options for investors were stated like intra day trading , delivery based trading ,investing . The diligence of an investor were also stated .Different factors which help in fundamental and technical analysis were also listed . Few tips ,rights, obligations ,do's and don'ts for an investor were also provided . Equiy investment through mutual funds their terms and benefits were also discussed . The speaker also presented a case study of an employee showing the benefits of investment in mutual funds by comparing it to a simple PPF plan for better understanding.<br>The benefits of early investment and investments with higher returns were also discussed . The session was concluded by discussion of few security terms followed by a Q AND A session. |
| **IRG (**in rupees**)** | 0 |
| **Expenditure (**in rupees**)** | 0 |
| **POs attained with this Event**<br>(number and description) | N/A |
| **Photographs of the event**<br>(Hard copy and soft copy) | |

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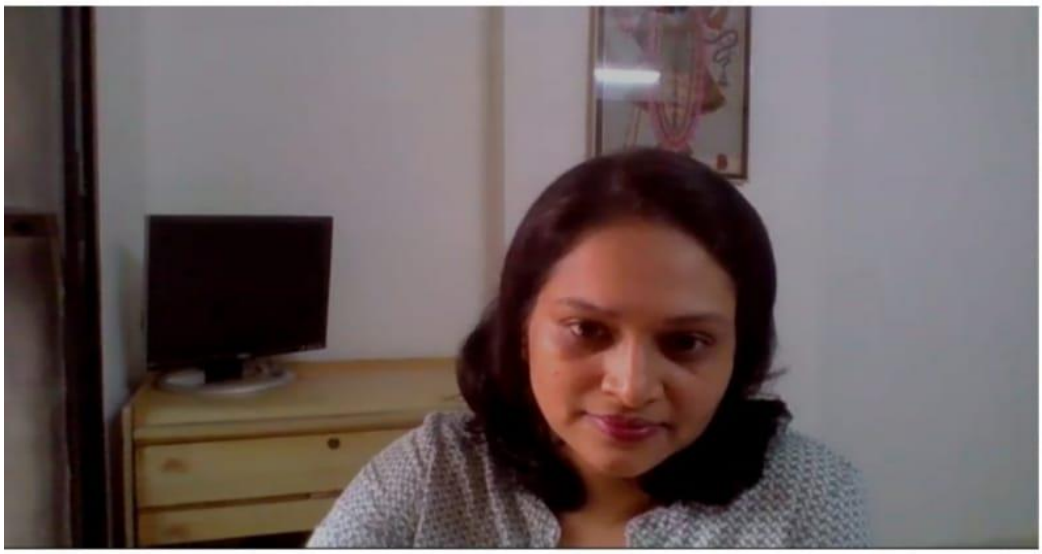
<tr>
<td></td>
<td>

 </td>
</tr>
<tr>
<td>Proofs:<br>1.Certificates copies<br>2.Profile of Speaker<br>3.PPT/Material as applicable. etc.,</td>
<td>Ms. Nidhi Kothari. Ms. Nidhi is a Chartered Accountant with 14 years of experience in the Banking and Finance industry. Her initial stint as a banker at ICICI bank and ABN AMRO provided her with a varied understanding of global markets. She discovered her calling for Sales and joined PGIM India Mutual Fund for an 8 year long stint. Nidhi has also completed NISM XA, XB, VA, XII certification and is an experienced trainer at HerMoneyTalks.</td>
</tr>
</table>

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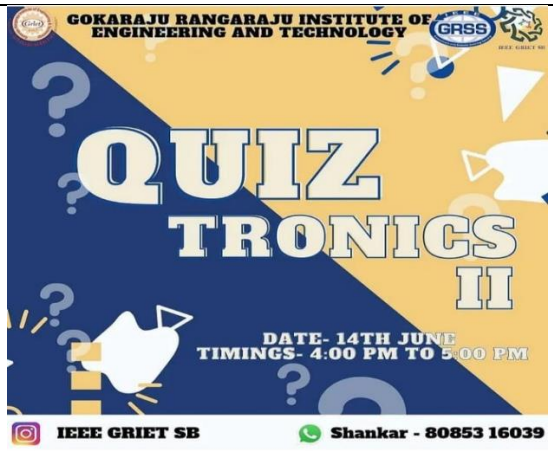
**Signature of Coordinator** **Signature of HOD**

# Quiztronics II

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **ECE** | **Professional Body** | **Institutional Body** |
| | | **IEEE GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **ONLINE QUIZ** | | |
| **Title / Theme of the Event** | **QUIZTRONICS-II** | | |
| **Details of the Coordinator& Designation** | Dr. V. Srihari advisor for GRSS Chapter, IEEE GRIET SB | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 14-06-2021 4:00PM | 14-06-2021 5:00PM | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5"></td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>2</td><td>30</td><td>0</td><td>0</td><td>32</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. V. Srihari, Professor, ECE, GRIET<br>2. Dr.B. Phaneendrababu, HOD, EEE, GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">. IEEE GRIET SB organised an online quiz, “Quiztronics" under the Geoscience and Remote Sensing Society. The event was held on 14th June 2021 from 4:00 PM to 5:00 PM on an online portal. The registrations were open from 24th to 26th August 2020 where around 30 enthusiastic students got self-enrolled to take part in this session. The event saw active participation from second and third year students. The purpose of conducting Quiztronics was to amplify each student’s technical skills by mastering the idea of fun-efficient learning.</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5">0</td></tr>
<tr><td>Expenditure (in rupees)</td><td colspan="5">0</td></tr>
<tr><td>POs attained with this Event<br>(number and description)</td><td colspan="5">N/A</td></tr>
</table>

| | |
|---|---|
| | |
| **Photographs of the event** (Hard copy and Soft copy) | N/A |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** |  |

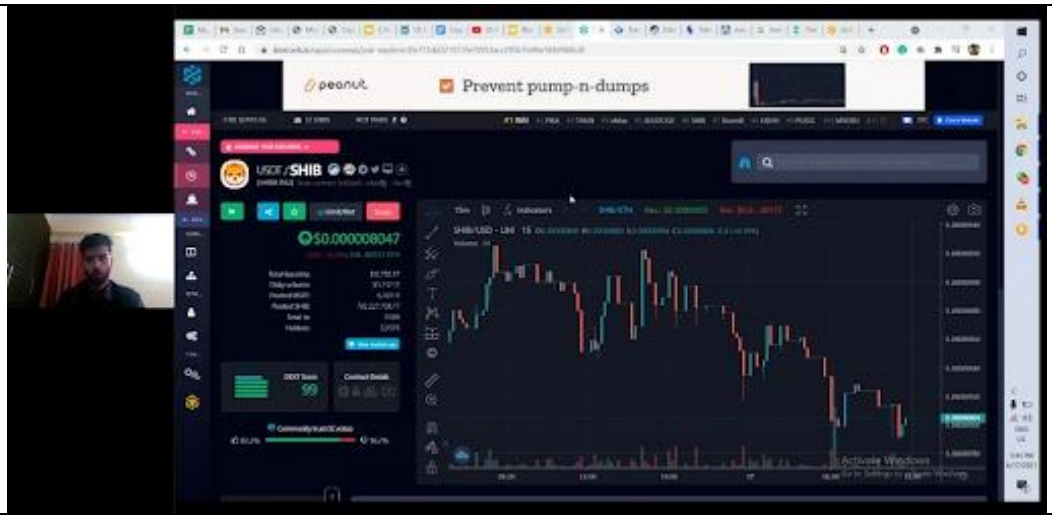
**Signature of Coordinator** **Signature of HOD**

# An Insight to Cryptocurrency: Blockchain and Bitcoin for Beginners

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology Nizampet Road, Bachupally, Kukatpally Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **CSE** | **Professional Body** | **Institutional Body** |
| | | **IEEE GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Webinar** | | |
| **Title / Theme of the Event** | **An Insight to Cryptocurrency: Blockchain and Bitcoin for Beginners** | | |
| **Details of the Coordinator& Designation** | Dr. Y. Vijayalata advisor for CS Chapter, IEEE GRIET SB | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 17-06-2021 5:00 PM | 17-06-2021 6:30 PM | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr. Ashutosh Kashyap is an entrepreneur, a risk analyst and a financial modeler.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>0</td><td>80</td><td>0</td><td>0</td><td>80</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. Y. Vijayalata, Professor, CSE, GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB under the Computer Society chapter organized a webinar on “An Insight to Cryptocurrency: Blockchain and Bitcoin for Beginners” by Mr. Ashutosh Kashyap. The objective of the session was to help students obtain an insight into the world of cryptocurrency. The session was held on 17th June 2021 from 5:00 PM to 6:30 PM using the platform “GoToMeeting”.<br><br>The speaker of the session, Mr. Ashutosh Kashyap is an entrepreneur, a risk analyst and a financial modeler. He is the founder of Ashutosh Kashyap Enterprises LLP and the Crypto Knight community at the age of 23. He has also delivered a TEDx speech on “Your network is your net worth” in NMIMS Shirpur Campus Maharashtra. He is on a mission to improve the efficiency of student entrepreneurs by enabling self-sufficiency through reducing the dependability on external investments<br><br>Mr. Ashutosh Kashyap began the session by asking an interesting question: “What came first? Blockchain or Bitcoin?”. The answer to this is Bitcoin. Blockchain was later developed on the applications of Bitcoin. Blockchain technology is now considered to be the second layer over the Internet. He stated that if Blockchain is a sea, then Cryptocurrency is a river in that sea. He exclaimed that the information around Blockchain is still very confusing and new to the world. Throughout his presentation, he answered the most common questions around Blockchain.</td></tr>
</table>

| | |
|---|---|
| **IRG (**in rupees**)** | 0 |
| **Expenditure (**in rupees**)** | 0 |
| **POs attained with this Event**<br>(number and description) | N/A |
| **Photographs of the event**<br>(Hard copy and Soft copy) |  |

| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator** **Signature of HOD**

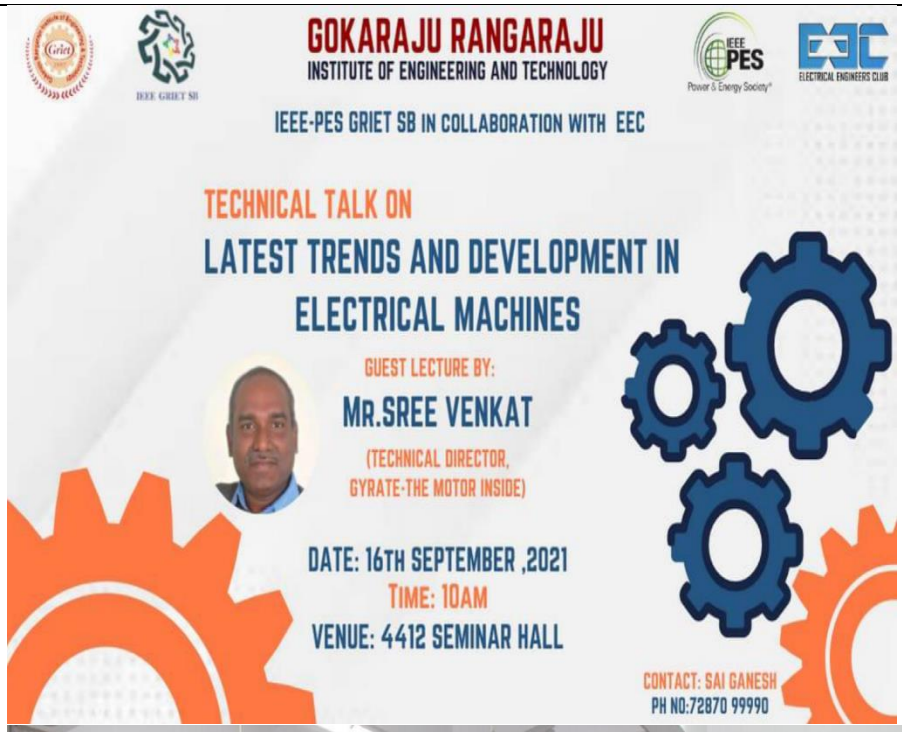
# LATEST TRENDS AND DEVELOPMENTS IN ELECTRICAL MACHINES

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **GRIET** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE-PES SB CHAPTER** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Tech Talk** | | |
| **Title / Theme of the Event** | **Latest trends and developments in Electrical Machines** | | |
| **Details of the Coordinator& Designation** | Mr. V Vijaya Rama Raju<br>Associate Professor (Department of EEE) & Associate Dean IQAC<br>IEEE GRIET PES Chapter advisor | | |
| **Event Dates/Days** | From | To | No. of Days |

<table>
<tr><td></td><td>16th September, 2021</td><td>16th September, 2021</td><td colspan="3">1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr. Sri Venkat<br>Technical Director<br>GYRATE – The Motor Inside</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>4</td><td>86</td><td></td><td></td><td>90</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Mr. V Vijaya Rama Raju<br>Associate Professor, dept. of EEE<br>2. Dr. J Sridevi<br>Professor, dept. of EEE<br>3. Dr. B Phaneendra Babu<br>Professor, dept. of EEE<br>4. Mr. Vinay Kumar<br>Associate Professor, dept. of EEE</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">"Globalization was a deep trend pushed by technology and right ideas, as much as anything else"; believing in this, IEEE GRIET SB PES CHAPTER came up with a technical talk on LATEST TRENDS AND DEVELOPMENT IN ELECTRICAL MACHINES. The technical talk was held on the 16th of September 2021. The event has been conducted in offline mode by following all the covid precautions in GRIET campus. The technical talk was given by Mr. Sri Venkat who is working as the Technical Director of GYRATE - THE MOTOR INSIDE. The HOD of the EEE department, Dr. J Sridevi is first welcomed to give the speech, followed by Mr.Vijay Rama Raju giving an introduction about the event. Then the speaker is then introduced to start the session.<br><br>Mr. Sri Venkat began the session with the insights into the importance of EEE and how fortunate it is to be an Electrical engineer. He spoke about the career options provided to Electrical engineers. He has given the insights of the advantages and his expertice. He then explained about the various steps involoved in designing a new product, the different technologies and the various</td></tr>
</table>

| | |
|---|---|
| | applications used in electrical machines. He also explained about the various motors which are controllable and used in different appliances. He has taken an impressive session by interacting with the students. Furthermore, he explained about the software, i.e; ENGINEER SOFTWARE that is used to process to design a machine, stimulate and execute the result.<br><br>He wound up the session by elaborating on the benefits of advanced machines and their designing, stimulation and execution process. Finally, Mr.Vinay Kumar thanked the speaker for the session and presented a token of appreciation along with HOD mam and Vijay Rama Raju sir. |
| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | |
| **POs attained with this Event**<br>(number and description) | |

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) |  <br> |

TECHNICAL TALK ON
LATEST TRENDS AND DEVELOPMENT IN
ELECTRICAL MACHINES
Mr.SREE VENKAT

| | |
|---|---|
| | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | Profile of Speaker:<br>Mr. Sri Venkat is working as the Technical Director of GYRATE - THE MOTOR INSIDE. He possesses over 26+ years of experience as an Electrical Engineer, having a Bachelor's degree in Electrical Engineering and a Post Graduate Diploma in Artificial Intelligence and Machine learning. He is known for his expertise in various domains from Marine, Aerospace, Home appliances, etc. in the fields of research and innovation to Validation and Design manufacturing. He has published numerous IEEE papers on Electrical Machines and filed 5 Patents. |

**Signature of Coordinator** **Signature of HOD**

# Train the Trainer's Program On IoT

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **All** | **Professional Body** | **Institutional Body** |
| | | **IEEE** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Workshop** | | |
| **Title / Theme of the Event** | **Train the Trainer's Program on IoT** | | |
| **Details of the Coordinator& Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 22-11-2021 | 22-11-2021 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Skill Connect</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>30</td><td>--</td><td>0</td><td>0</td><td>30</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. B. Phaneendra Babu, Student Branch Counselor<br>2. Dr. Y. Vijayalata, Professor, CSE, GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE Hyderabad is conducting a one-week training program called “Train the Trainers” for the faculty members of institutes registered for its Flagship Training Program called Skill Connect – IOT. Participants will be given hands on training on IOT Projects specified in the Level-II of the Skill Connect-IOT Program to smoothly run the IEEE IOT Labs in their respective institutions. Training will be given on the dedicated IoT starter kits based on ESP32 designed by IEEE Hyderabad exclusively for Skill Connect Program.</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5">0</td></tr>
<tr><td>Expenditure (in rupees)</td><td colspan="5">0</td></tr>
<tr><td>POs attained with this Event<br>(number and description)</td><td colspan="5">N/A</td></tr>
</table>

| | |
|---|---|
| | |
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator** **Signature of HOD**

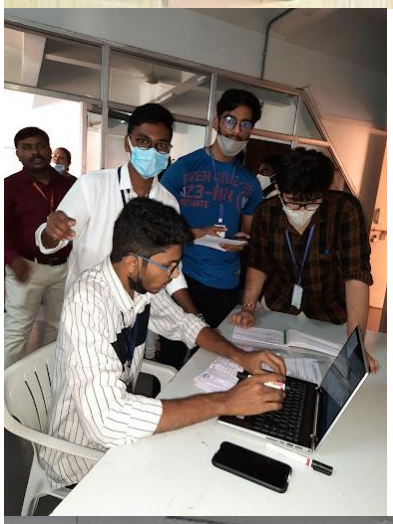
# PRAGNYA 2021

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **All** | **Professional Body** | **Institutional Body** |
| | | **IEEE** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Flagship Event** | | |
| **Title / Theme of the Event** | **PRAGNYA'21** | | |
| **Details of the Coordinator& Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 25-11-2021 | 26-11-2021 | 2 |
| **Details of the Speaker / Guest** Organization Address: | - | | |

<table>
<tr><td></td><td colspan="5"></td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>20</td><td>601</td><td>23</td><td>49</td><td>703</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. B. Phaneendra Babu, Student Branch Counselor</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">As a humble beginning towards empowerment of our society through technology for a better tomorrow, IEEE GRIET SB hosted GRIET’s annual technical symposium PRAGNYA’ 21 on 25 and 26 November 2021. PRAGNYA has been instrumental in shifting the paradigm of usual coursework and has evolved as an ultimate platform for the techno-maniacs. The 2021 edition has taken up an untraded path on its way to be stupendous, throwing light on new technologies and ideas. It brings in a series of events and activities spread over two days involving the students of myriad disciplines and hence broadening the horizons. Events, Workshops, Presentations, and guest lectures were a feast to the tech geeks. Apart from this, the entirety of the fest saw a plethora of non-technical events as well as cultures.</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5"></td></tr>
<tr><td>Expenditure (in rupees)</td><td colspan="5"></td></tr>
<tr><td>POs attained with this Event<br>(number and description)</td><td colspan="5">N/A</td></tr>
</table>

| | |
|---|---|
| | |
| **Photographs of the event**<br>(Hard copy and Soft copy) | |



| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator** **Signature of HOD**

# WORKSHOP on EDGE COMPUTING

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **AIML** | **Professional Body** | **Institutional Body** |
| | | **IEEE** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Workshop** | | |
| **Title / Theme of the Event** | **Edge Computing** | | |
| **Details of the Coordinator& Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 08-12-2021 | 08-12-2021 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">-</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>7</td><td>31</td><td>--</td><td>--</td><td>38</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. B. Phaneendra Babu, Student Branch Counselor</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">Basic concepts of Machine Learning, Python and Microcontrollers are taught by the speakers.<br><br>Demonstration of Working with Colour sensors, Environment sensors and Accelerometers was shown<br><br>Hands-on-Training on G-Edge Board using Google Colab was done.<br><br>Research and Technology advancements in Edge Computing was briefly explained.</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5"></td></tr>
<tr><td>Expenditure (in rupees)</td><td colspan="5"></td></tr>
<tr><td>POs attained with this Event<br>(number and description)</td><td colspan="5">N/A</td></tr>
</table>

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|---|---|
| | |
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator** **Signature of HOD**

# IMPORTANCE OF RESEARCH IN UNDERGRADUATE STUDIES

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **All** | **Professional Body** | **Institutional Body** |
| | | **IEEE** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Seminar** | | |
| **Title / Theme of the Event** | **Importance of Research in Undergraduate Studies** | | |
| **Details of the Coordinator& Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 09-12-2021 | 09-12-2021 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Dr Benny J Varghese</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>3</td><td>55</td><td>--</td><td>--</td><td>58</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. B. Phaneendra Babu, Student Branch Counselor</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">The speaker explained how to set short-term and long-term goals in research to enhance our career opportunities. He also emphasized the importance of research in Engineering and how it helps students inculcate practical knowledge in them. Furthermore, he also explained the methods to access universities in India and Abroad for the purpose of research. Later, he went on to demonstrate how a university plays a key role in taking forward new initiatives that are beneficial to the students.</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5"></td></tr>
<tr><td>Expenditure (in rupees)</td><td colspan="5"></td></tr>
</table>

| | |
|---|---|
| **POs attained with this Event**<br>(number and description) | N/A |
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | **. Dr. B. Phaneendra Babu, Student Branch Counselor** |

**Signature of Coordinator** **Signature of HOD**

# Membership Drive 2022

IEEE GRIET Membership Drive was conducted for B-Tech and M-Tech students with an agenda to help students to keep up with the advancement in technology to the next generation of engineering professionals. Students were really keen about the experience and benefits provided by IEEE. A help desk was set up to solve the queries raised by the students. By the end of the drive, 266 members enrolled themselves as IEEE members to avail the multi-dimensional benefits provided by the professional body IEEE.

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | **All** | **Professional Body** | **Institutional Body** |
| | | **IEEE** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Membership Drive 2022 | | |

| | | | | | |
|---|---|---|---|---|---|
| **Title / Theme of the Event** | IEEE Membership Drive | | | | |
| **Details of the Coordinator & Designation** | | | | | |
| **Event Dates/Days** | From | | To | | No. of Days |
| | 14-12-2022 | | 19-12-2022 | | 5 |
| **Details of the Speaker / Guest** Organization Address: | -- | | | | |
| **Participants** (Teaching Faculty / Non-Teaching Faculty / Students) | No.of Faculty | No. of UG students | No.of PG Students | No.of outside participants | Total Participants |
| | -- | 243 | 23 | -- | 266 |
| **Faculty Names & Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | | | |

| | |
|---|---|
| **Summary of the Event** | IEEE GRIET SB organized Membership Drive on-campus for undergraduate and post-graduate students to encourage them to reap the benefits of IEEE Membership. Announcements were made in the classrooms where the core committee members explained to the students about the opportunities they can avail themselves of as being a part of the IEEE community so that they can have a clear idea about the student branch.<br><br>THE IEEE-GRIET student branch mainly aims :<br><br>To make the students aware of the latest technical advancements.<br>To inculcate a sense of teamwork and responsibility by encouraging them to organize events.<br>To make them acquainted with various useful technologies by conducting workshops.<br>To provide industrial experience by conducting various industrial tours.<br>To stress the importance of communication skills and thereby encourage the members in it by conducting literary clubs.<br>An overwhelming response was received from all of the students and a total of more than 200 members got enrolled this year. |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | -- |
| **POs attained with this Event** (number and description) | Students were explained about the captivating benefits of IEEE and students joined as members. |

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|---|---|
| **Photographs of the event**<br>(Hard copy and Soft copy) | <br> |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | - |

**Signature of Coordinator** **Signature of HOD**

# Annual General Meet (AGM) 2022

**IEEE GRIET SB**

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | **Professional Body** | **Institutional Body** |
| | | **IEEE** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Administrative | | |
| **Title / Theme of the Event** | IEEE GRIET SB Annual General Meet 2021 | | |
| **Details of the Coordinator & Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | |
| **Event Dates/Days** | From | To | No. of Days |

<table>
<tr><td></td><td colspan="2">21-01-2022</td><td colspan="2">21-01-2022</td><td>1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">Dr. B. Phaneendra Babu, Student Branch Counselor</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>10</td><td>25</td><td>--</td><td>--</td><td>35</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. B. Phaneendra Babu, Student Branch Counselor</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB hosted an Annual General Body Meeting (AGM) virtually on Google Meet with an agenda to analyze the annual performance of the Student Branch in 2021 and constructively plan events for the upcoming year 2022. The Student Branch Counselor Dr. B. Phaneendra Babu, the Chapter Advisors, and the members of the core committee attended the meeting.<br><br>As the meeting commenced, Aryan Sudhagoni, Chairperson of IEEE GRIET SB, welcomed Student Branch counselor DR. B. Phaneendra Babu, chapter advisors, and the core committee members who were present. Thereupon, Dr. B. Phaneendra Babu emphasized the Student Branch operation and the various possibilities that could be unleashed with IEEE. During his speech, he illustrated various benefits like the IEEE Xplore, IEEE Student Job site, IEEE Spectrum, etc. In addition to this, he also familiarised everyone with the criteria for any Student Branch establishment and structure of its student members.<br><br>Following him, Aryan Sudhagoni detailed the attendees about the growth of student members over the past few years with appropriate statistics. Aryan also defined the working of each Student Chapter, its members, and their eminent role in conducting the events. Thereafter, he presented a list of events that have been conducted in the calendar year 2021 which include administrative, technical, as well as co-curricular. The annual plan for the year 2022 has also been discussed with all the members present in the meeting.</td></tr>
</table>

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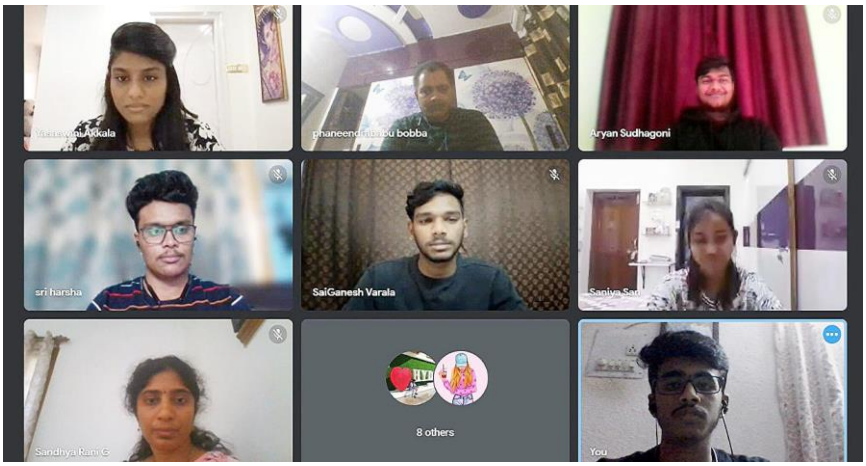
| | Then, the members of individual chapters demonstrated their ideas on the events they are planning to organize and explained how these ideas promote their respective Student Chapters' mission. Besides summarizing the annual plan of their individual chapter, they also discussed the methods they could implement to organize each event successfully. Dr. B. Phaneendra Babu along with the Chapter advisors validated the ideas and shared their suggestions regarding the further development of the Student Branch.<br>They also advised that IEEE GRIET SB must conduct activities that not only focus on the students of GRIET but also attract diverse audiences from different institutes. The meeting concluded with a Vote of Thanks, extending profound gratitude to Dr. B. Phaneendra Babu and all the Chapter Advisors for their constant guidance and support. |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | -- |
| **POs attained with this Event** (number and description) | -- |
| **Photographs of the event** (Hard copy and Soft copy) | |

| | |
|---|---|
| |  |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | **Dr. B. Phaneendra Babu, Student Branch Counselor** |

# Inauguration of IEEE IAS SB Chapter and followed by Technical Talks

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization**<br><br>**Address:** | **GRIET** | | |
| **Department** | | **Professional Body**<br><br>**IEEE-IAS SB Chapter**<br><br>IA34 (SBC64761C) | **Institutional Body**<br><br>**IEEE GRIET SB** |
| **Nature of the Event**<br><br>(Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Inauguration of IEEE IAS SB Chapter and followed by Technical Talks** | | |

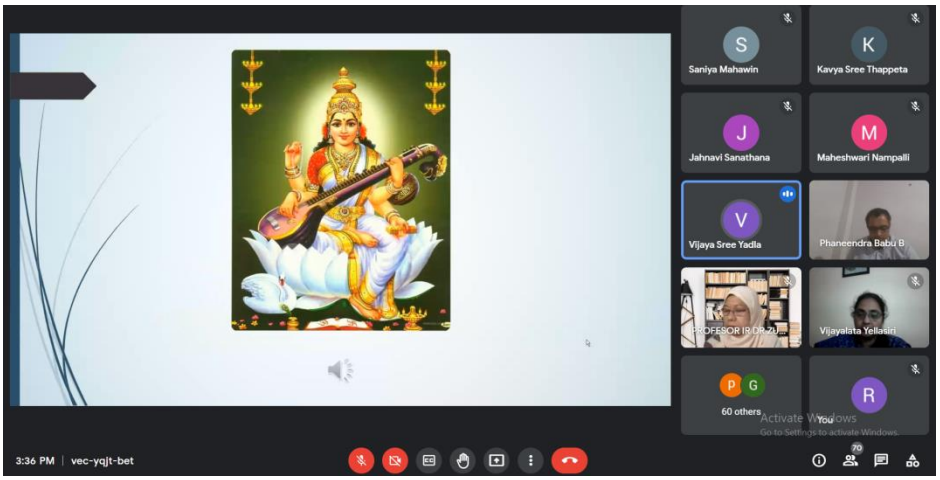
<table>
<tr><td>Title / Theme of the Event</td><td colspan="5">Inauguration of IEEE Industry Application society student branch chapter</td></tr>
<tr><td>Details of the Coordinators& Designation</td><td colspan="5">Dr. B. Phaneendra Babu<br>IEEE GRIET SB Counsellor<br>Professor and head of department (department of EEE)<br>GRIET, Hyderabad<br>Mrs G Sandya Rani<br>IEEE GRIET IAS SB Chapter Advisor</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td colspan="3">No. of Days</td></tr>
<tr><td>27 January 2022</td><td>27 January 2022</td><td colspan="3">01</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Prof. Zuhaina Zakaria, Dean Institute of Graduate studies University Teknologi Mara, Malaysia.<br>V.Ananda,Solution Lead Power Electroincs, Tech Mahindra, Hyderabad</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)<br>Enclose participants list</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>8</td><td>73</td><td></td><td></td><td>81</td></tr>
<tr><td>Faculty Names &Designation</td><td colspan="5">Dr. J. Praveen - Principal<br>Dr. B. Phaneendra Babu,Professor, Head , Dept. of EEE</td></tr>
</table>

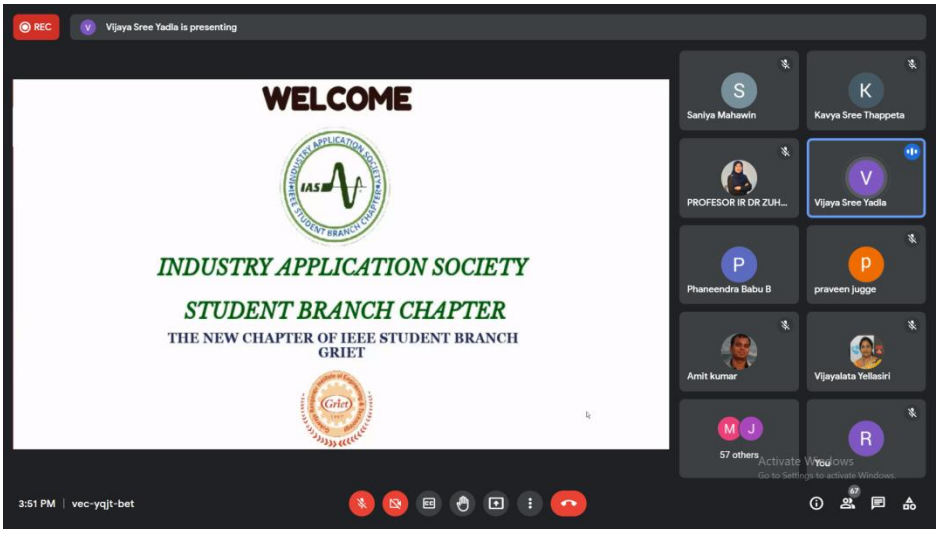
| | |
|---|---|
| | G. Sandhya Rani - Assistant Professor<br><br>Dr Y Vijayalatha- Professor, Dept. of CSE<br><br>A. Vinay Kumar- Associate Professor<br><br>R. Anil Kumar - Assistant Professor<br><br>M.N. Sandhya Rani - Assistant Professor<br><br>V. Usharani - Assistant Professor |
| **Summary of the Event** | The event started with the introduction of the Chief Guest Prof. Zuhaina Zakaria and Guest of Honour Mr. V.Ananda.The session started at 3:32 PM. with prayer. IEEE IAS SB Chair,MsSaniya gave a brief introduction to IEEE and IEEE Industry Application Society. Dr. B. Phaneendra Babu sir addressed the event and IEEE GRIET SB Chapter. Principal, GRIET - Dr J Praveen address the participants; Dr Amit Kumar, Immediate past chair joined the event and addressed the participants; D, r Y Vijaya Latha, IEEE Hyderabad section Vice Chair joined the event and addressed the participants. The inauguration of the IEEE IAS Student bodylogo. by Prof. Zuhaina Zakaria. Followed by Technical talk on traffic control and prediction: A practical case of Tehran Highway. Mam has explained how traffic is a big problem in big cities and how problematic it is to estimate the traffic estimation. Mam also explained a case study on how the air is polluted by the use of more vehicles and mam explained how to manage traffic networks by traffic prediction. She gave the information on what are the methods proposed for traffic prediction and how it works and explained how it is tested and verified. There was a Q&A session in which students asked various curious questions regarding traffic control and prediction: A practical case of Tehran Highway. Mam answered all the questions students asked Mr. V.Ananda sir started technical talks on Practical issues in conducting industrial drives. He has explained his experience when he went for a sight visit to a plant in August 2007 in Chennai how the change in humidity and atmosphere has caused the failure of IGDTS. explained about the earthing system and the importance of bonding between different systems like the power drive system. And explained the methods on common noise reduction, the safety of operating personals, guidelines as per IEC/UL 61800-5-1, Power quality, DC-Link capacitor, and its lifetime and thermal conditions. There was a Q&A session in which students asked various |

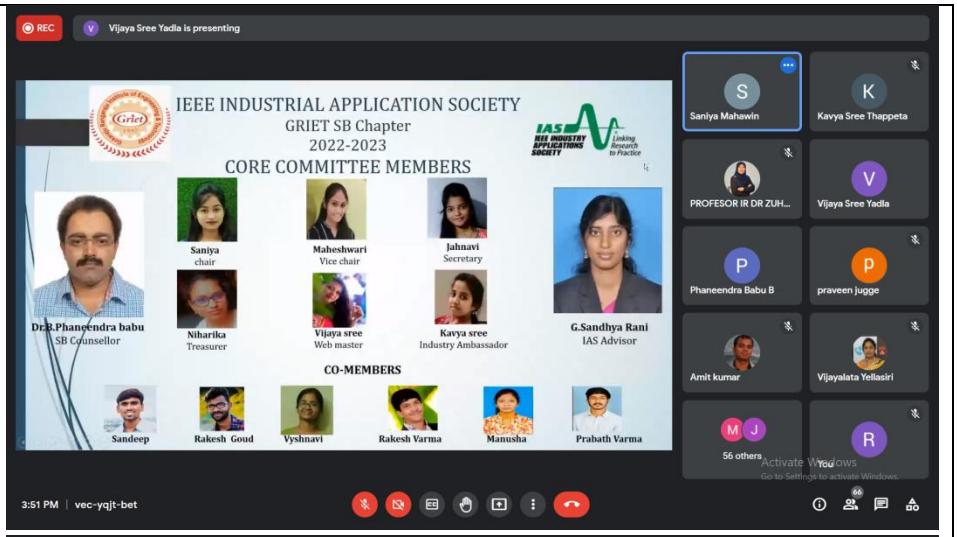
| | |
|---|---|
| | curious questions regarding Practical issues in conducting industrial drives. Sir answered all the questions students asked. The Inauguration completed with vote of thanks by IEEE IAS SB secretary. |
| **IRG (**in rupees**)**<br><br>**Deposited A/C no A/C name and date and other details** | NA |
| **Expenditure (**in rupees**)**<br><br>**(Enclose proof-bills)** | NIL |
| **POs attained with this Event**<br><br>(number and description) | |

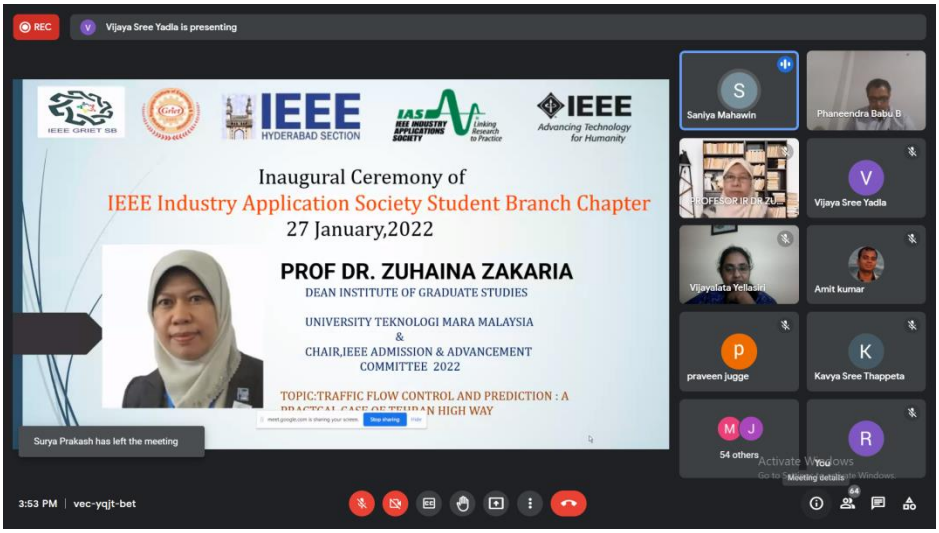
**Photographs of the event**

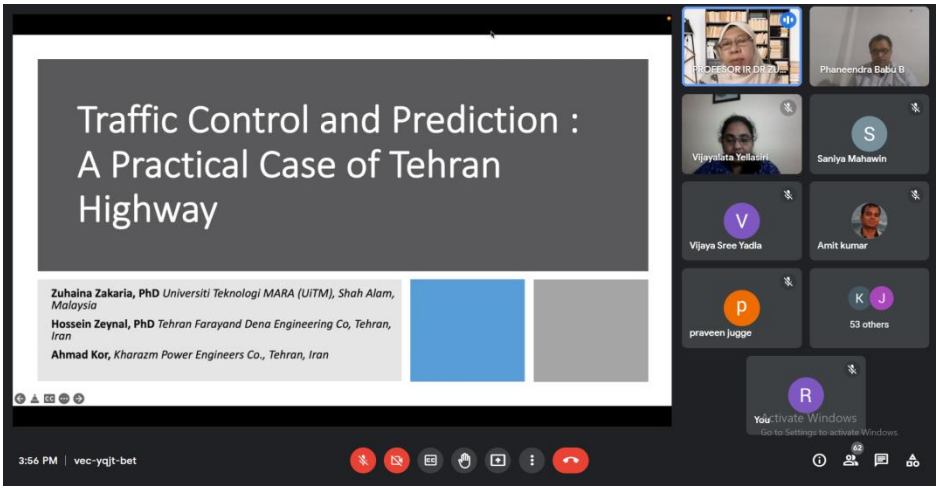
(Hard copy and soft copy)



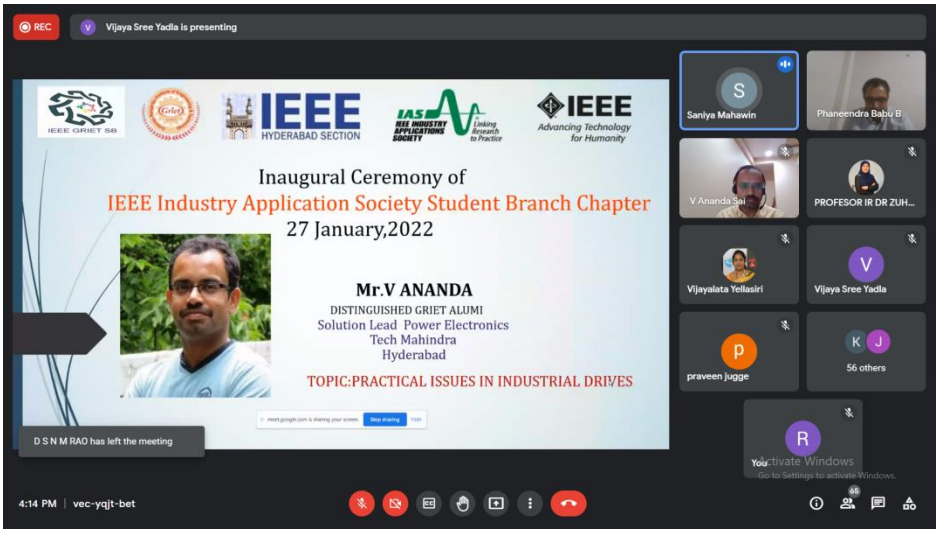



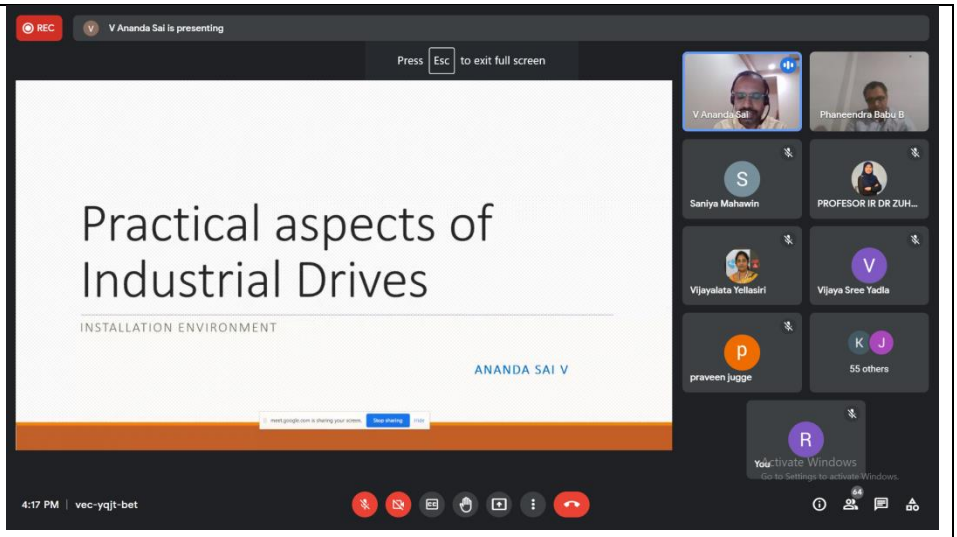

REC
Vijaya Sree Yadla is presenting
IEEE INDUSTRIAL APPLICATION SOCIETY
GRIET SB Chapter
2022-2023
CORE COMMITTEE MEMBERS
Saniya
chair
Maheshwari
Vice chair
Jahnavi
Secretary
Dr.B.Phaneendra babu
SB Counsellor
Niharika
Treasurer
Vijaya sree
Web master
Kavya sree
Industry Ambassador
G.Sandhya Rani
IAS Advisor
CO-MEMBERS
Sandeep
Rakesh Goud
Vyshnavi
Rakesh Varma
Manusha
Prabath Varma
Saniya Mahawin
Kavya Sree Thappeta
PROFESOR IR DR ZUH...
Vijaya Sree Yadla
Phaneendra Babu B
praveen jugge
Amit kumar
Vijayalata Yellasiri
56 others
You
3:51 PM | vec-yqjt-bet

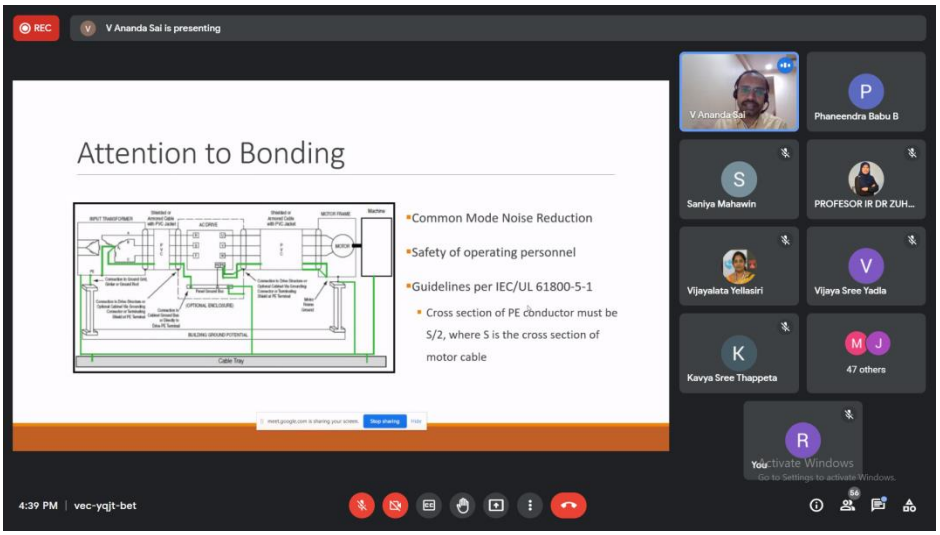

REC
Vijaya Sree Yadla is presenting
IEEE
HYDERABAD SECTION
IEEE
Advancing Technology for Humanity
Inaugural Ceremony of
IEEE Industry Application Society Student Branch Chapter
27 January,2022
PROF DR. ZUHAINA ZAKARIA
DEAN INSTITUTE OF GRADUATE STUDIES
UNIVERSITY TEKNOLOGI MARA MALAYSIA
&
CHAIR,IEEE ADMISSION & ADVANCEMENT
COMMITTEE 2022
TOPIC:TRAFFIC FLOW CONTROL AND PREDICTION : A
Surya Prakash has left the meeting
Saniya Mahawin
Phaneendra Babu B
Vijaya Sree Yadla
Vijayalata Yellasiri
Amit kumar
praveen jugge
Kavya Sree Thappeta
54 others
You
Meeting details
3:53 PM | vec-yqjt-bet

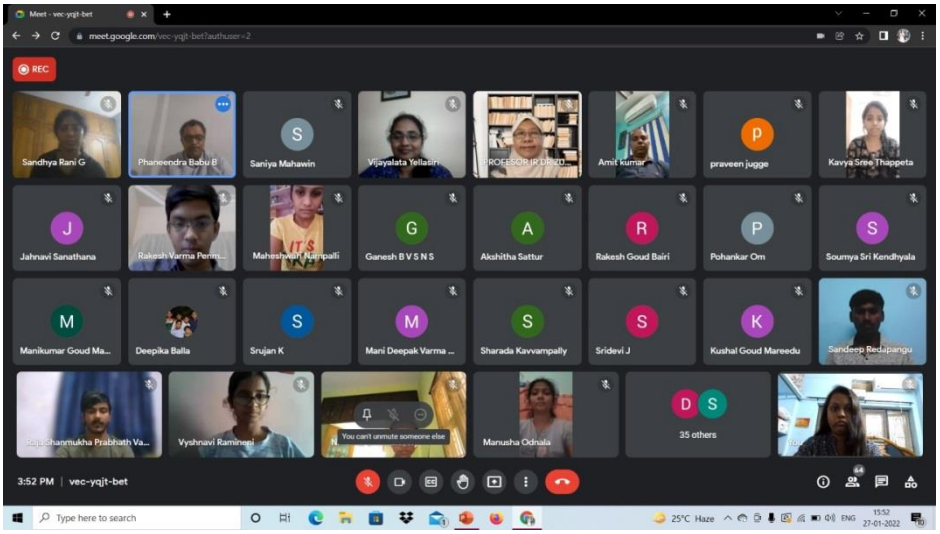

Traffic Control and Prediction :
A Practical Case of Tehran
Highway
Zuhaina Zakaria, PhD Universiti Teknologi MARA (UiTM), Shah Alam, Malaysia
Hossein Zeynal, PhD Tehran Farayand Dena Engineering Co, Tehran, Iran
Ahmad Kor, Kharazm Power Engineers Co., Tehran, Iran
Phaneendra Babu B
Vijayalata Yellasiri
Saniya Mahawin
Vijaya Sree Yadla
Amit kumar
praveen jugge
53 others
You
3:56 PM | vec-yqjt-bet

REC
PROFESOR IR DR ZUHAINA HAJI ZAKARIA is presenting
Results: Morning period
Time period
Actual
SARIMA
SVRCACO
NRMSE
Parameters
ε
C
σ
0.3965 0.8249 2149 0.7286
0.3464 0.146 1199 0.7138
0.2632 0.9813 2037 0.7561
0.2754 0.4724 2142 0.6858
Traffic Forecasting for Morning period of Tehran-Karaj highway, and Tehran-Damavand highway
Phaneendra Babu B
Vijayalata Yellasiri
Saniya Mahawin
Vijaya Sree Yadla
V Ananda Sai
praveen jugge
50 others
You
4:05 PM | vec-yqjt-bet


REC
Vijaya Sree Yadla is presenting
IEEE GRIET SB
IEEE HYDERABAD SECTION
IAS IEEE INDUSTRY APPLICATIONS SOCIETY
Linking Research to Practice
IEEE Advancing Technology for Humanity
Inaugural Ceremony of
IEEE Industry Application Society Student Branch Chapter
27 January,2022
Mr.V ANANDA
DISTINGUISHED GRIET ALUMI
Solution Lead Power Electronics
Tech Mahindra
Hyderabad
TOPIC:PRACTICAL ISSUES IN INDUSTRIAL DRIVES
D S N M RAO has left the meeting
Saniya Mahawin
Phaneendra Babu B
V Ananda Sai
PROFESOR IR DR ZUH...
Vijayalata Yellasiri
Vijaya Sree Yadla
praveen jugge
56 others
You
4:14 PM | vec-yqjt-bet


REC
V Ananda Sai is presenting
Press Esc to exit full screen
Practical aspects of Industrial Drives
INSTALLATION ENVIRONMENT
ANANDA SAI V
V Ananda Sai
Phaneendra Babu B
Saniya Mahawin
PROFESOR IR DR ZUH...
Vijayalata Yellasiri
Vijaya Sree Yadla
praveen jugge
55 others
You
4:17 PM | vec-yqjt-bet


REC
V Ananda Sai is presenting
Attention to Bonding
Common Mode Noise Reduction
Safety of operating personnel
Guidelines per IEC/UL 61800-5-1
Cross section of PE conductor must be S/2, where S is the cross section of motor cable
Cable Tray
V Ananda Sai
Phaneendra Babu B
Saniya Mahawin
PROFESOR IR DR ZUH...
Vijayalata Yellasiri
Vijaya Sree Yadla
Kavya Sree Thappeta
47 others
You
4:39 PM | vec-yqjt-bet


REC
Sandhya Rani G
Phaneendra Babu B
Saniya Mahawin
Vijayalata Yellasiri
Amit kumar
praveen jugge
Kavya Sree Thappeta
Jahnavi Sanathana
Ganesh B V S N S
Akshitha Sattur
Rakesh Goud Bairi
Pohankar Om
Soumya Sri Kendhyala
Manikumar Goud Ma...
Deepika Balla
Srujan K
Mani Deepak Varma ...
Sharada Kavvampally
Sridevi J
Kushal Goud Mareedu
Sandeep Reddipangu
Vyshnavi Ramineni
You can't unmute someone else
Manusha Odnala
35 others
3:52 PM | vec-yqjt-bet

| | |
|---|---|
| **Proofs:**<br><br>**1.Certificates copies**<br><br>**2.Profile of Speaker**<br><br>**3.PPT/Material as applicable. etc.,** | |

## List of students participated in event

| Sl.No. | Name of students | Roll Number | Branch | Year |
|---|---|---|---|---|
| 1. | B V S N S GANESH | 20241A0201 | EEE | 2nd year |
| 2. | BAIRI RAKESH GOUD | 20241A0202 | EEE | 2nd year |
| 3. | BALNEEDI LAKSHMI NARASIMHA RAO | 20241A0203 | EEE | 2nd year |
| 4. | BATHULA SWATHI | 20241A0204 | EEE | 2nd year |
| 5. | BELLAL SAI VIGNESH | 20241A0205 | EEE | 2nd year |
| 6. | BHUKYA PAVAN KALYAN | 20241A0206 | EEE | 2nd year |
| 7. | BOMMA VENKATA PARAMESH REDDY | 20241A0207 | EEE | 2nd year |
| 8. | C TARUN RAJ | 20241A0208 | EEE | 2nd year |
| 9. | CHAMARTHI HEMANTH | 20241A0209 | EEE | 2nd year |
| 10. | CHEEKATI NIKHIL | 20241A0210 | EEE | 2nd year |
| 11. | DATLA RAJA SHANMUKHA PRABHATH VARMA | 20241A0211 | EEE | 2nd year |
| 12. | DEVARAI BHAVANA | 20241A0212 | EEE | 2nd year |
| 13. | GANGOLLA KARTHIK | 20241A0213 | EEE | 2nd year |

| | | | | |
|---|---|---|---|---|
| 14. | GUDURU GUHANIKA | 20241A0214 | EEE | 2nd year |
| 15. | K SRUJAN | 20241A0215 | EEE | 2nd year |
| 16. | KALAKOTLA SARDINA | 20241A0216 | EEE | 2nd year |
| 17. | KALIDINDI MANI DEEPAK VARMA | 20241A0217 | EEE | 2nd year |
| 18. | KAVVAMPALLY SHARADA | 20241A0218 | EEE | 2nd year |
| 19. | KOTHA HARSHITH | 20241A0219 | EEE | 2nd year |
| 20. | KOTHA SRIKAR | 20241A0220 | EEE | 2nd year |
| 21. | KURAVA GANESH KUMAR | 20241A0221 | EEE | 2nd year |
| 22. | M ANIL KUMAR | 20241A0222 | EEE | 2nd year |
| 23. | M GAYATHRI | 20241A0223 | EEE | 2nd year |
| 24. | MADHAMSHETTY UMESH KRISHNA | 20241A0224 | EEE | 2nd year |
| 25. | MAMIDI NITISH CHANDRA | 20241A0225 | EEE | 2nd year |
| 26. | MOHAMMED NADEEM | 20241A0226 | EEE | 2nd year |
| 27. | NAGU BHUVANESH REDDY | 20241A0227 | EEE | 2nd year |
| 28. | NALLANI SAI GOUTHAM | 20241A0228 | EEE | 2nd year |
| 29. | NAMPALLI MAHESHWARI | 20241A0229 | EEE | 2nd year |
| 30. | ODNALA MANUSHA | 20241A0230 | EEE | 2nd year |
| 31. | P WILSON | 20241A0231 | EEE | 2nd year |
| 32. | PENMETSA RAKESH VARMA | 20241A0232 | EEE | 2nd year |
| 33. | PISINI SATHVIKA | 20241A0233 | EEE | 2nd year |
| 34. | POLURI SAI VENKAT AKASH | 20241A0234 | EEE | 2nd year |
| 35. | RAMINENI VYSHNAVI | 20241A0235 | EEE | 2nd year |
| 36. | REDAPANGU SANDEEP | 20241A0236 | EEE | 2nd year |
| 37. | ROHAN NAIR | 20241A0237 | EEE | 2nd year |
| 38. | S R P SAI SANDEEP | 20241A0238 | EEE | 2nd year |

| | | | | |
|---|---|---|---|---|
| 39. | S VIKAS | 20241A0239 | EEE | 2nd year |
| 40. | SADIGE CHANDRA PRASAD | 20241A0240 | EEE | 2nd year |
| 41. | SANIYA MAHAWIN | 20241A0241 | EEE | 2nd year |
| 42. | SATTUR AKSHITHA | 20241A0242 | EEE | 2nd year |
| 43. | SHABANA BEGUM | 20241A0243 | EEE | 2nd year |
| 44. | SRIKANTH GAJJALA | 20241A0244 | EEE | 2nd year |
| 45. | THAPPETA KAVYA SREE | 20241A0245 | EEE | 2nd year |
| 46. | THATI RANJITH | 20241A0246 | EEE | 2nd year |
| 47. | TUMMA SURYA PRAKSH | 20241A0247 | EEE | 2nd year |
| 48. | UMMIDISETTY NIHARIKA | 20241A0248 | EEE | 2nd year |
| 49. | UPPULA PAVAN KUMAR | 20241A0249 | EEE | 2nd year |
| 50. | VARMANI RAHUL VARMA | 20241A0250 | EEE | 2nd year |
| 51. | VEERLA VISHNU TEJA | 20241A0251 | EEE | 2nd year |
| 52. | VORUGANTI PRANEETH GOUD | 20241A0252 | EEE | 2nd year |
| 53. | YADLA VIJAYA SREE | 20241A0253 | EEE | 2nd year |
| 54. | YERRAGUNTLA LAKSHMI SRI HARSHITHA | 20241A0254 | EEE | 2nd year |
| 55. | JONPALLY MANAS RAO | 20241A0255 | EEE | 2nd year |
| 56. | MALLELA NAVEEN | 20241A0256 | EEE | 2nd year |
| 57. | SUSANI NEHA | 20241A0257 | EEE | 2nd year |
| 58. | JAKINAPALLI CHANDHANA | 21245A0201 | EEE | 2nd year |
| 59. | KULKARNI AKSHITH | 21245A0202 | EEE | 2nd year |
| 60. | MARIMGANTI SRIKANTH | 21245A0203 | EEE | 2nd year |
| 61. | POSHALA SRINATH | 21245A0204 | EEE | 2nd year |
| 62. | SANATHANA JAHNAVI | 21245A0205 | EEE | 2nd year |
| 63. | VEMULA SATYANARAYANA | 21245A0206 | EEE | 2nd year |

| | | | | |
|---|---|---|---|---|
| 64. | MAREEDU KUSHAL GOUD | 21245A0207 | EEE | 2nd year |
| 65. | JADALA VARUN SAI | 21245A0208 | EEE | 2nd year |
| 66. | OM POHANKAR | 21245A0209 | EEE | 2nd year |
| 67. | ARYAN | | CSE | 3rd year |
| 68. | YASASWINI | | CSE | 3rd year |
| 69. | GANESH | | EEE | 3rd year |
| 70. | ANIRUDH | | ECE | 3rd year |
| 71. | HARSHA | | ECE | 3rd year |
| 72. | DEEPIKA | | ECE | 3rd year |
| 73. | GULSHAN | | IT | 3rd year |

**Signature of Coordinator** **Signature of HOD**

# Technical talk on Electrical vehicle and its Future scope in India

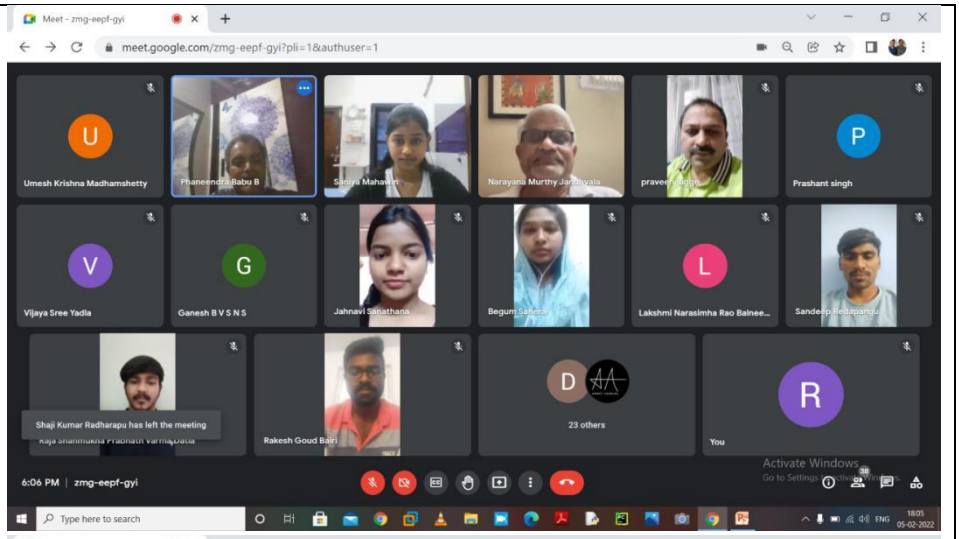
## EVENT SUMMARY REPORT

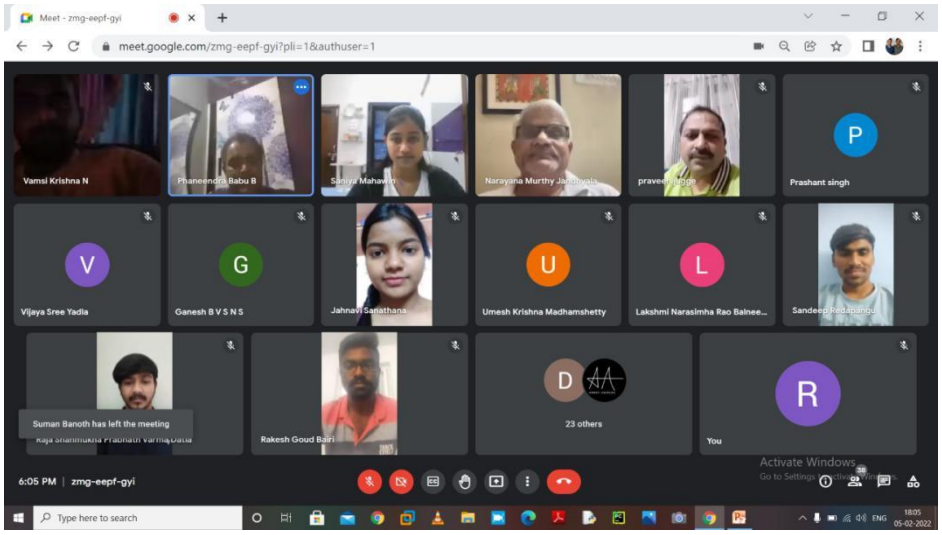
| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization**<br><br>**Address:** | **GRIET** | | |
| **Department** | | **Professional Body**<br><br>**IEEE-IAS SB Chapter**<br><br>IA34 (SBC64761C) | **Institutional Body**<br><br>**IEEE GRIET SB** |
| **Nature of the Event**<br><br>(Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Technical Talks** | | |

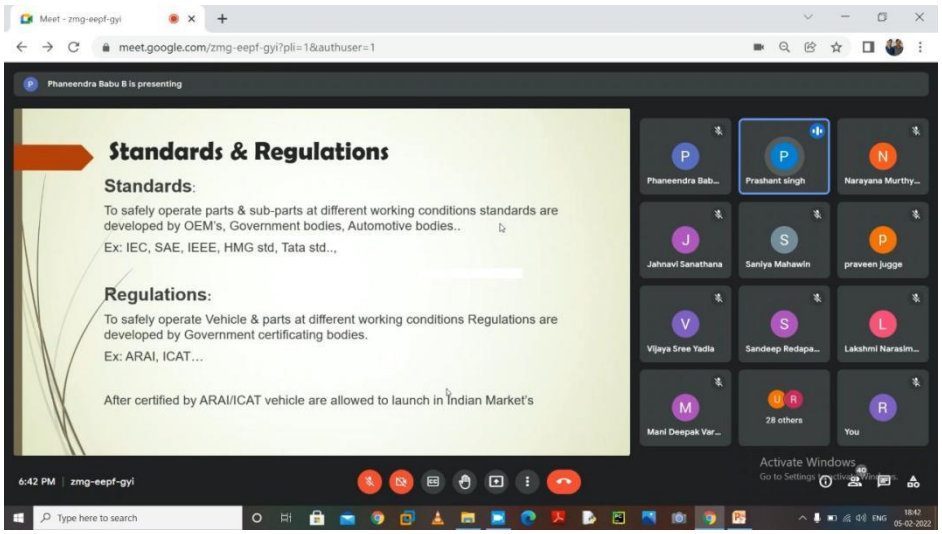
<table>
<tr><td>Title / Theme of the Event</td><td colspan="5">Technical Talk on Electric Vehicles and its Future scope in India</td></tr>
<tr><td>Details of the Coordinators& Designation</td><td colspan="5">Dr. B. Phaneendra Babu<br>IEEE GRIET SB Counsellor<br>Professor and head of department (department of EEE)<br>GRIET, Hyderabad<br>Mrs G Sandya Rani<br>IEEE GRIET IAS SB Chapter Advisor</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td colspan="3">No. of Days</td></tr>
<tr><td>5 February 2022</td><td>5 February 2022</td><td colspan="3">01</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr.B.T. Prashant Singh, System Incharge Unit- Research Engineer Electric Vehicle Division Hyundai Motors India Engineering</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)<br><br>Enclose participants list</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>8</td><td>41</td><td></td><td>0</td><td>49</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr Jandhyala N Murthy - Director<br>Dr J Praveen - principal</td></tr>
</table>

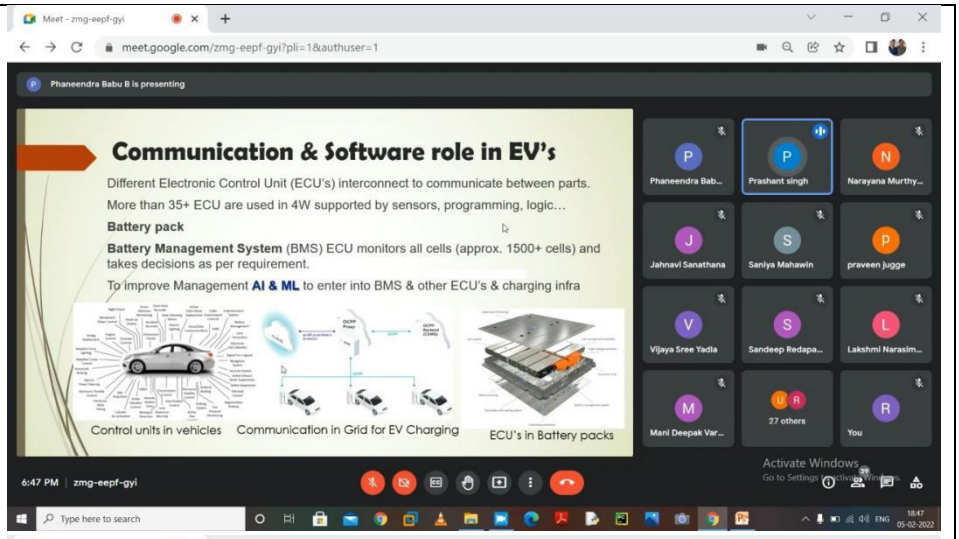
| | |
|---|---|
| | Dr. B. Phaneendra Babu, Professor, Head , Dept. of EEE<br><br>Dr. B. Pakkiraiah, Professor<br><br>Dr. D. S. Naga Malleswara Rao- Associate Professor<br><br>V. Usharani - Assistant Professor<br><br>Y. Sathya Vani - Assistant Professor<br><br>G.Sandhya Rani - Assistant Professor |
| **Summary of the Event** | The event started with the introduction of the Chief Guest Mr.B.T. Prashant Singh and address the participants. The session started at 6:01 PM. IEEE IAS SB Chair, Ms. Saniya gave a brief introduction about Electric Vehicles. Dr. B. Phaneendra Babu sir addressed the event. Mr.B.T. Prashant Singh sir started technical talks on Electric Vehicles and its Future in India. Sir started with what are the developments and research going on in the upcoming EV Technologies and the history of EV and challenges faced by EV technologies in the 19th century and how they are developed in technology and their safety by 21st century. he also explained how the usage of EVs is rising in India. He compared the ICE and EV vehicle's range, maintenance and lifetime of battery of EV. Prashant sir explained the different types of vehicles available in the market like conventional, hybrid, plug-in hybrid, full electric. And explained the working and their functions of electric vehicles and also the different types of functioning of different company EV's and charging stations. He gave details of standards and regulations that need to be followed by Electric Vehicles and different software used in EV's and different technologies that came in charging the vehicles. There was a Q&A session in which students asked various curious questions regarding different technologies in Electric Vehicles. Sir answered all the questions which are asked by the students. The event completed with vote of thanks by IEEE IAS SB secretary Jahnavi |
| **IRG (**in rupees**)** | NA |

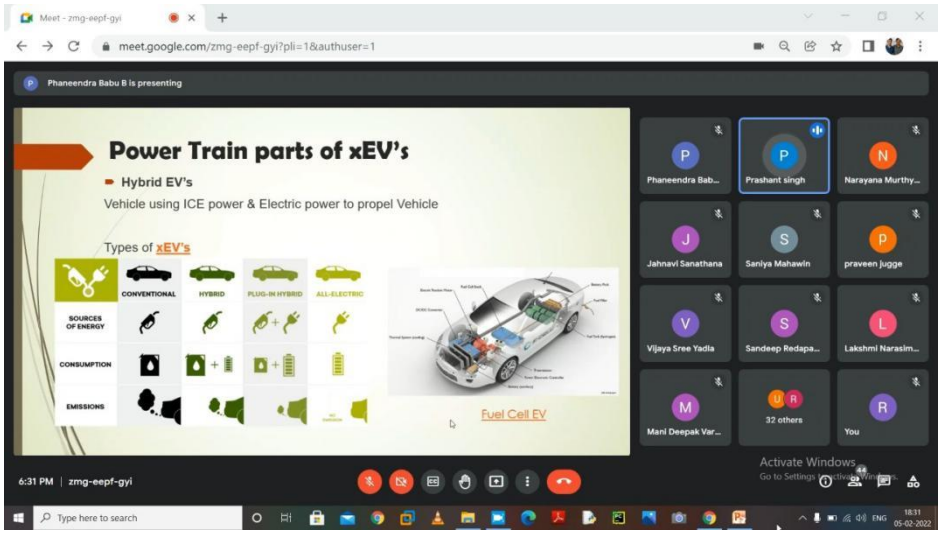
| | |
|---|---|
| **Deposited A/C no A/C name and date and other details** | |
| **Expenditure (**in rupees**)**<br><br>**(Enclose proof-bills)** | NIL |
| **POs attained with this Event**<br><br>(number and description) | |
| **Photographs of the event**<br><br>(Hard copy and soft copy) | |

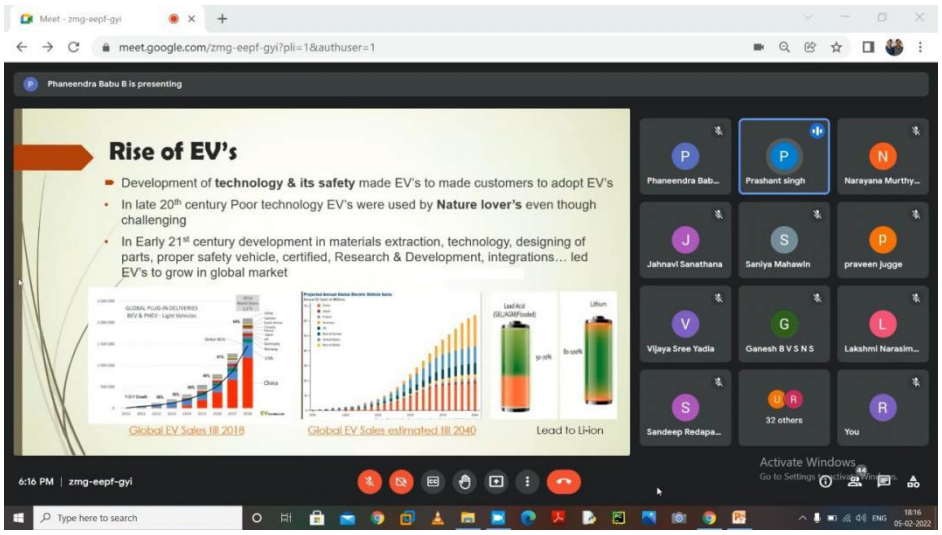

Meet - zmg-eepf-gyi
meet.google.com/zmg-eepf-gyi?pli=1&authuser=1
Umesh Krishna Madhamshetty
Phaneendra Babu B
Sanjya Mahawin
Narayana Murthy Jandhyala
praveen jugge
Prashant singh
Vijaya Sree Yadla
Ganesh B V S N S
Jahnavi Sanathana
Begum Safeera
Lakshmi Narasimha Rao Balnee...
Sandeep Redapangu
Shaji Kumar Radharapu has left the meeting
Rakesh Goud Bairi
23 others
You
6:06 PM | zmg-eepf-gyi
Activate Windows
Type here to search


Meet - zmg-eepf-gyi
meet.google.com/zmg-eepf-gyi?pli=1&authuser=1
Vamsi Krishna N
Phaneendra Babu B
Sanjya Mahawin
Narayana Murthy Jandhyala
praveen jugge
Prashant singh
Vijaya Sree Yadla
Ganesh B V S N S
Jahnavi Sanathana
Umesh Krishna Madhamshetty
Lakshmi Narasimha Rao Balnee...
Sandeep Redapangu
Suman Banoth has left the meeting
Rakesh Goud Bairi
23 others
You
6:05 PM | zmg-eepf-gyi
Activate Windows
Type here to search


Meet - zmg-eepf-gyi
meet.google.com/zmg-eepf-gyi?pli=1&authuser=1
Phaneendra Babu B is presenting
Standards & Regulations
Standards:
To safely operate parts & sub-parts at different working conditions standards are developed by OEM's, Government bodies, Automotive bodies..
Ex: IEC, SAE, IEEE, HMG std, Tata std..,
Regulations:
To safely operate Vehicle & parts at different working conditions Regulations are developed by Government certificating bodies.
Ex: ARAI, ICAT...
After certified by ARAI/ICAT vehicle are allowed to launch in Indian Market's
Phaneendra Bab...
Prashant singh
Narayana Murthy...
Jahnavi Sanathana
Saniya Mahawin
praveen jugge
Vijaya Sree Yadla
Sandeep Redapa...
Lakshmi Narasim...
Mani Deepak Var...
28 others
You
6:42 PM | zmg-eepf-gyi
Activate Windows
Type here to search


Phaneendra Babu B is presenting
Communication & Software role in EV's
Different Electronic Control Unit (ECU's) interconnect to communicate between parts.
More than 35+ ECU are used in 4W supported by sensors, programming, logic…
Battery pack
Battery Management System (BMS) ECU monitors all cells (approx. 1500+ cells) and takes decisions as per requirement.
To improve Management AI & ML to enter into BMS & other ECU's & charging infra
Control units in vehicles
Communication in Grid for EV Charging
ECU's in Battery packs
6:47 PM | zmg-eepf-gyi


Phaneendra Babu B is presenting
Power Train parts of xEV's
Hybrid EV's
Vehicle using ICE power & Electric power to propel Vehicle
Types of xEV's
CONVENTIONAL
HYBRID
PLUG-IN HYBRID
ALL-ELECTRIC
SOURCES OF ENERGY
CONSUMPTION
EMISSIONS
Fuel Cell EV
6:31 PM | zmg-eepf-gyi

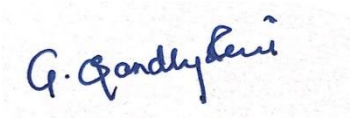

Phaneendra Babu B is presenting
Rise of EV's
Development of technology & its safety made EV's to made customers to adopt EV's
In late 20th century Poor technology EV's were used by Nature lover's even though challenging
In Early 21st century development in materials extraction, technology, designing of parts, proper safety vehicle, certified, Research & Development, integrations… led EV's to grow in global market
Global EV Sales till 2018
Global EV Sales estimated till 2040
Lead to LIion
6:16 PM | zmg-eepf-gyi

| | |
|---|---|
| **Proofs:**<br><br>**1.Certificates copies**<br><br>**2.Profile of Speaker**<br><br>**3.PPT/Material as applicable. etc.,** | |

## List of students participated in event

| Sl.No. | Name of students | Roll Number | Branch | Year |
|---|---|---|---|---|
| 1. | B V S N S GANESH | 20241A0201 | EEE | 2nd year |
| 2. | BAIRI RAKESH GOUD | 20241A0202 | EEE | 2nd year |
| 3. | BALNEEDI LAKSHMI NARASIMHA RAO | 20241A0203 | EEE | 2nd year |
| 4. | CHAMARTHI HEMANTH | 20241A0209 | EEE | 2nd year |
| 5. | CHEEKATI NIKHIL | 20241A0210 | EEE | 2nd year |
| 6. | DATLA RAJA SHANMUKHA PRABHATH VARMA | 20241A0211 | EEE | 2nd year |
| 7. | K SRUJAN | 20241A0215 | EEE | 2nd year |
| 8. | KALIDINDI MANI DEEPAK VARMA | 20241A0217 | EEE | 2nd year |
| 9. | KOTHA HARSHITH | 20241A0219 | EEE | 2nd year |
| 10. | KOTHA SRIKAR | 20241A0220 | EEE | 2nd year |
| 11. | MADHAMSHETTY UMESH KRISHNA | 20241A0224 | EEE | 2nd year |
| 12. | NAMPALLI MAHESHWARI | 20241A0229 | EEE | 2nd year |
| 13. | ODNALA MANUSHA | 20241A0230 | EEE | 2nd year |
| 14. | P WILSON | 20241A0231 | EEE | 2nd year |

| | | | | |
|---|---|---|---|---|
| 15. | PENMETSA RAKESH VARMA | 20241A0232 | EEE | 2nd year |
| 16. | RAMINENI VYSHNAVI | 20241A0235 | EEE | 2nd year |
| 17. | REDAPANGU SANDEEP | 20241A0236 | EEE | 2nd year |
| 18. | ROHAN NAIR | 20241A0237 | EEE | 2nd year |
| 19. | SADIGE CHANDRA PRASAD | 20241A0240 | EEE | 2nd year |
| 20. | SANIYA MAHAWIN | 20241A0241 | EEE | 2nd year |
| 21. | SHABANA BEGUM | 20241A0243 | EEE | 2nd year |
| 22. | THAPPETA KAVYA SREE | 20241A0245 | EEE | 2nd year |
| 23. | UMMIDISETTY NIHARIKA | 20241A0248 | EEE | 2nd year |
| 24. | YADLA VIJAYA SREE | 20241A0253 | EEE | 2nd year |
| 25. | SANATHANA JAHNAVI | 21245A0205 | EEE | 2nd year |
| 26. | VEMULA SATYANARAYANA | 21245A0206 | EEE | 2nd year |
| 27. | MAREEDU KUSHAL GOUD | 21245A0207 | EEE | 2nd year |
| 28. | OM POHANKAR | 21245A0209 | EEE | 2nd year |
| 29. | BEGUM SAHERA | | | 1st year |
| 30. | HARSHINI PUDURI | | | |
| 31. | HEMANTH SATHYA SRINIVAS | | | |
| 32. | D.RAVEENDRA | | | 1st year |
| 33. | MANISREE SIRIPURAM | | | |
| 34. | MUSKAAN HABEEBA | | | 1st year |
| 35. | NANGEDDA ALEKHYA | | | |
| 36. | S. K. ISHVARYA | | | |
| 37. | JEEVANA SAI DASYAM | | | |
| 38. | KANNA | | | |
| 39. | KEMMASARAM AKHIA | | | |
| 40. | B.SIDDARHARTH | | | |
| 41. | N. VAMSI KRISHNA | | | |



**Signature of Coordinator**

**Signature of HOD**

# TALK ON PROFESSIONAL CERTIFICATIONS TO ENHANCE CAREER OPPORTUNITIES

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **GRIET** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE-PES SB Chapter** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Seminar** | | |
| **Title / Theme of the Event** | **Talk on Professional Certifications to Enhance Career Opportunities** | | |
| **Details of the Coordinator& Designation** | Mr. V Vijaya Rama Raju<br>Associate Professor (Department of EEE) & Associate Dean IQAC<br>IEEE GRIET PES Chapter advisor | | |

<table>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td colspan="3">No. of Days</td></tr>
<tr><td>22nd February, 2022</td><td>22nd February, 2022</td><td colspan="3">1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Dr. G S Bapi Raju<br>Professor (Department of CSE)<br>GRIET, Hyderabad</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>3</td><td>88</td><td>0</td><td>0</td><td>90</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. G S Bapi Raju<br>Professor, dept. of CSE<br>2. Mr. V Vijaya Rama Raju<br>Associate Professor, dept. of EEE</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">Mr. Vijay Rama Raju addressed the gathering first. Mr. Vijaya Rama Raju began by providing an overview of the event. The speaker is then introduced. He began with an interactive session with the pupils in which they enthusiastically engaged. He explained the value of knowledge and competence. He listed the employment options for students with the necessary abilities and expertise. Then he began the session by discussing ways to improve skills. He advised that we join GRIET SDC (Skill Development Centre), which assists us in completing Cisco, Amazon, Bluprism, and other certification courses. He highlighted the numerous opportunities available through CISCO and AWS courses. The speaker spoke of how to pay for SDC membership and how to enroll in courses using the SDC URL. Shown were college alumni who have been placed in various firms through SDC. He then led a question-and-answer session for the students. Finally, Mr. Vijay Rama Raju is asked to present the speaker with a memento of appreciation and end the session.</td></tr>
</table>

| | |
|---|---|
| **IRG (**in rupees**)** | NA |
| **Expenditure (**in rupees**)** | NA |
| **POs attained with this Event**<br>(number and description) | |

**Photographs of the event**
(Hard copy and Soft copy)

| | |
|---|---|
| | <br> |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | Profile of Speaker:<br>Dr. Srinivasa Bapiraju Gadiraju, Professor of Computer Science and Engineering completed his Ph.D. from Andhra University and has over twenty-five years of academic, industrial and research experience. His Ph.D. work was on the Analysis of trace elements in human tissues using PIXE. The work is done in collaboration with NCCCM (National Centre for Characterization of Composite Materials) at BARC ext. Center, Hyderabad. He had earned Masters of Engineering in Computer Science and Engineering from GITAM University, M.Sc. and Ph.D. in Nuclear Physics from Andhra University. He guided various projects for |

| | |
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| | both BTech and MTech students and conducted seminars and workshops. Visited various colleges for final year project adjudication. |

**Signature of Coordinator** **Signature of HOD**

# WIE AG International Women's Day Celebrations 2022

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **GRIET** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE-WIE-AG** | **IEEE-GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | **Women's day celebration** | | |
| **Title / Theme of the Event** | **IEEE-SB WIE-AG INTERNATIONAL WOMENS DAY CELEBRATION** | | |
| **Details of the Coordinator& Designation** | Dr. J. SRIDEVI<br>IEEE GRIET SB WIE-AG advisor<br>Dr. G. MAMATHA<br>Coordinator of WDC and Chairperson of Anti Sexual Harassment Cell GRIET | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 08-03-22 | 08-03-22 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Dr. G. Jalaja Veronica<br>Addl.Medical Superintendent & HOD, OBG Dept.<br>District Hospital, Kingkot</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>30</td><td>170</td><td></td><td></td><td>200</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. Giriraj Kulkarni<br>Principal, GRCP<br><br>Dr. J Praveen<br>Principal, GRIET<br>Mr MG Sekharam<br>CAO, GRES<br><br>Dr. Jandhyala Narayana Murthy<br>Director, GRIET<br><br>Dr. J. Sridevi<br>IEEE GRIET SB WIE-AG advisor<br><br>Dr. G. Mamatha<br>Coordinator of WDC and Chairperson of Anti Sexual Harassment Cell<br>GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB WIE AG in collaboration with Women Development Cell (WDC) of GRIET held an online event to celebrate the occasion of International Women’s Day with the theme: “BREAK THE BIAS”. The objective was to celebrate the spirit of womanhood and to create a world free of bias, stereotypes, and discrimination. A world that is diverse, equitable, and inclusive. A world where difference is valued and celebrated. The event commenced with a prayer song and the. Then, Dr. G Mamatha, Coordinator of WDC and Chairperson of Anti Sexual Harassment Cell GRIET has extended her greetings to the honourable guests and welcomed all the audience. She spoke about the immense strength that a woman holds and how she can influence the world in moving towards progress. The principal of GRCP Dr. Giriraj Kulkarni, wished everyone a happy International Women’s Day. He discussed the power of a women’s voice in this society and also suggested all the women to move ahead in life by maintaining a positive spirit. He shared his view by saying women can make choices to</td></tr>
</table>

| | |
|---|---|
| | bring a potential change in society, while staying accountable to their actions and having control over their thoughts. Followed by The principal of GRIET Dr. J Praveen, addressed the subject of gender parity in various organisations and proudly called GRIET as an institute that has an equal number of male and female staff. He has high regard for women and also explained the qualities that a woman possesses by taking examples from Hindu mythological characters like goddess Lakshmi, Saraswathi, Durga and Sita. Furthermore, he expressed his gratitude to the women of his family and to the women of GRIET who have never let their spirit falter. Mr MG Sekharam, the CEO OF GRES gave a brief overview of the challenging situation a woman faces in the society. He expressed his concern for the need for women empowerment and gender equality. Shekharam sir also gave valuable advice to the members of WDC to incorporate the importance of educating a girl child among people belonging to the lower level of economic strata through their social activities. Dr. Jandhyala Narayana Murthy, the director of GRIET showered his respect for women. He described the diverse roles women play and their importance in shaping a better world. He spoke about how Ramakrishna Paramahamsa called every woman irrespective of their age as ‘amma’ (Mother). He detailed the strong influence of women and said that women are the basic element constituting the world. He concluded his speech by wishing everyone a happy international women’s day and thanking all the wonderful women who influenced him throughout the course of his life. The guest of honour of the day Dr. G. Jalaja Veronica was invited to speak a few words. Dr. G. Jalaja Veronica is the Addl.Medical Superintendent & HOD, OBG Dept. District Hospital, Kingkoti. She is a volunteer at UNICORPUS HEALTH FOUNDATION and was in charge of the COVID center at Kingkoti hospital, where she has provided her impeccable services despite the challenging conditions. Firstly, she thanked and appreciated the management and organizers for inviting her to the celebration and presenting her with a dais to share her thoughts and messages. She explained the need of smart, knowledgeable and skilful individuals in society. She shared her view on how the knowledge is unbiased and how an educated woman can influence the society. She explained how a woman can overcome the difficulties and hardships with positive attitude and good deeds. She even explained how education, knowledge, wisdom and awareness can shape and change a person’s life. She concluded her speech by sharing her experience as a frontline worker in a COVID ward stating how her service was beyond the gender norms and any other biases present in the society. The event advanced with the presentation of AICTE awards to all the winners and concluded with a vote of thank by the NBA coordinator GRIET, Dean Internships and IEEE WIE chapter branch counsellor Dr. J Sridevi. |

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| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | |
| **POs attained with this Event** (number and description) | |

**Photographs of the event**
(Hard copy and Soft copy)

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GOKARAJU RANGARA
EDUCATIONAL SOCIE

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|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | **Dr.G. Jalaja Veronica**<br>Addl.Medical Superintendent & HOD, OBG Dept.<br>District Hospital, Kingkoti<br>She pursued her MBBS degree at CMC, Vellore followed by her PG in OBG at Gandhi Medical college, Hyderabad. She even pursued her MBA in Hospital Administration<br>She was incharge of COVID center , Kingkoti and provided voluntary service at UNICORPUS HEALTH FOUNDATION<br>She has taken training classes for Doctors and nurses on High risk pregnancy and Quality of care in Obstetrics Incharge of 350 bedded covid center treating hundreds of covid patients.95% survival in King Koti hospital. |

**Signature of Coordinator** **Signature of HOD**

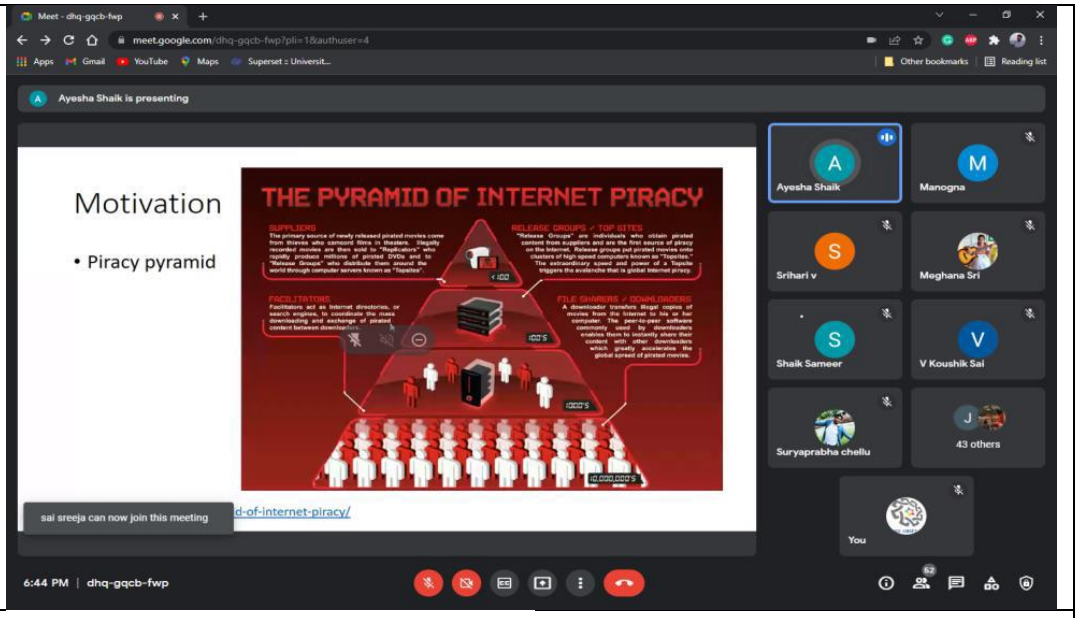
# Webinar on Digital Image Security by Watermarking

## EVENT SUMMARY REPORT

| | | | | | |
|---|---|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology Nizampet Road, Bachupally, Kukatpally Hyderabad- 500090, Telangana State, India.** | | | | |
| **Department** | **ECE** | **Professional Body** | | **Institutional Body** | |
| | | **IEEE GRIET SB** | | **GRIET** | |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Online Technical Talk** | | | | |
| **Title / Theme of the Event** | **Digital Image Security by Watermarking** | | | | |
| **Details of the Coordinator& Designation** | Dr. V. Srihari advisor for GRSS Chapter, IEEE GRIET SB | | | | |
| **Event Dates/Days** | From | To | No. of Days | | |
| | 10-03-2022 6:30PM | 10-03-2022 8:30PM | 1 | | |
| **Details of the Speaker / Guest** Organization Address: | **Dr. AYESHA SHAIK FACULTY, SCOPE, VIT, CHENNAI** | | | | |
| **Participants** | No. of Faculty | No. | No. of PG Students | No. of outside participants | Total Participants |

| | | | | | |
|---|---|---|---|---|---|
| (Teaching Faculty / Non-Teaching Faculty / Students) | | of UG students | | | |
| | 2 | 48 | 0 | 6 | 56 |
| **Faculty Names & Designation** | **1. Dr. V. Srihari, Professor, ECE, GRIET**<br>**2. Dr.B. Phaneendrababu, HOD, EEE, GRIET** | | | | |
| **Summary of the Event** | IEEE GRIET SB conducted a webinar on "Digital Image Security by Watermarking" under Geoscience and Remote Sensing Society. The webinar was held on 10th March 2022 from 6:30 PM to 8:30PM in Google meet. The speaker of the session Dr . Ayesha Shaik began the online session discussing the basic questions which threw light on the need and importance of image security and later spoke about image authentication, tamper detection and the Watermarking of an image. The webinar concluded with a Q&A session where students cleared their doubts they had on image security and attacks on watermarking. The session was engaging and very interactive. Students were very enthusiastic to participate and learn about how digital security on image is done by watermarking. | | | | |
| **IRG (**in rupees**)** | 0 | | | | |
| **Expenditure (**in rupees**)** | 0 | | | | |
| **POs attained with this Event** (number and description) | N/A | | | | |

**Photographs of the event**
(Hard copy and Soft copy)




**Proofs:**
**1.Certificates copies**
**2.Profile of Speaker**
**3.PPT/Material as applicable. etc.,**

**Signature of Coordinator** **Signature of HOD**

# Ultimate guide to build your final year project Topic: Melanoma detection using Deep Learning

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **ECE** | **Professional Body** | **Institutional Body** |
| | | **IEEE GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Online Technical Talk** | | |
| **Title / Theme of the Event** | **Ultimate guide to build your final year project<br>Topic: Melanoma detection using Deep Learning** | | |
| **Details of the Coordinator& Designation** | Dr. V. Sreehari advisor for GRSS Chapter, IEEE GRIET SB<br>CH. SRI RAMA MURTHY (19241A04J6), GRSS CHAPTER CHAIR<br>I. MANOGNA (19241A04E1), GRSS SECRETARY | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 24-03-2022 6:30PM | 24-03-2022 7:30PM | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Harish Neelam<br>Koushik Sai<br>Prathap Kumar<br>Karthik Pampari</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>1</td><td>82</td><td>0</td><td>0</td><td>83</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. V. Srihari, Professor, ECE, GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB conducted a webinar on “Ultimate Guide to build your Final Year Project” under Geoscience and Remote Sensing Society. The topic was “Melanoma Detection using Deep Learning”. The webinar was held on 25th March 2022 from 6: 30 PM to 8:30PM in a YouTube live channel.<br>Mr. Harish began the online session on by stating the reasons to choose this project. He said one of the major reasons to do this project was melanoma is a serious type of skin cancer that if it is discovered early, it could be cured easily with a minor surgery. The session was engaging and very interactive. Students were very enthusiastic to participate and learn about how to build their project</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5">0</td></tr>
<tr><td>Expenditure (in rupees)</td><td colspan="5">0</td></tr>
<tr><td>POs attained with this Event<br>(number and description)</td><td colspan="5">N/A</td></tr>
</table>

| | |
|---|---|
| | |
| **Photographs of the event**<br>(Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

| X | Very High | High | Moderate | Low | Very Low |
|---|---|---|---|---|---|
| Chest | 40-45 | 60-65 | x | x | # |
| Back | 50-55, 60-80 | 40-50, 55-60 | 25-40, 85-90 | x | # |
| Lower extremity | 40-50, 55-75 | 25-35, 50-55, 80-90 | 35-40, 75-80 | # | x |
| Foot | 55-60 | 25-30, 45-55, 65-90 | x | # | x |
| Trunk | x | x | x | x | # |
| Neck | x | x | x | # | x |
| Scalp | x | x | x | x | # |
| Abdomen | 35-40 | 30-35, 40-45 | 60-65 | x | # |
| Face | 80-85 | 65-80 | 25-30, 45-50 | # | x |
| Ear | x | x | x | # | x |
| Upper extremity | 55-60, 70-75 | 30-35, 45-55 | 65-70, 80-90 | 75-80 | # |
| Hand | x | x | x | x | # |
| Unknown | x | x | x | x | # |

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| | |



**Signature of Coordinator** **Signature of HOD**

# TECHNICAL TALK ON SENSORLESS CONTROL OF ELECTRICAL DRIVES

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization**<br><br>**Address:** | **GRIET** | | |
| **Department** | | **Professional Body**<br><br>**IEEE-IAS SB Chapter**<br><br>IA34 (SBC64761C) | **Institutional Body**<br><br>**IEEE GRIET SB** |
| **Nature of the Event**<br><br>(Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Technical Talks** | | |

<table>
<tr><td>Title / Theme of the Event</td><td colspan="5">TECHNICAL TALK ON 'SENSORLESS CONTROL OF ELECTRICAL DRIVES'</td></tr>
<tr><td>Details of the Coordinators& Designation</td><td colspan="5">Dr. B. Phaneendra Babu<br>IEEE GRIET SB Counsellor<br>Professor and head of department (department of EEE)<br>GRIET, Hyderabad<br>Mrs G Sandya Rani<br>IEEE GRIET IAS SB Chapter Advisor</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td colspan="3">No. of Days</td></tr>
<tr><td>29 March 2022</td><td>29 March 2022</td><td colspan="3">01</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Dr. Gopinath G R, Assistant Professor in the Electrical & Electronics Engineering Department at Mahindra</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)<br><br>Enclose participants list</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>4</td><td></td><td>0</td><td>0</td><td></td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. J. Praveen - Principal<br>Dr. B. Phaneendra Babu, Professor, Head , Dept. of EEE<br>Y. Sathya Vani - Assistant Professor</td></tr>
</table>

| | |
|---|---|
| | G.Sandhya Rani - Assistant Professor |
| **Summary of the Event** | The event started with the introduction of the Chief Guest Dr. Gopinath G R and address the participants. The session started at1:35 PM. IEEE IAS SB Chair, Ms. Saniya gave a brief introduction about present technology used in EV's . Dr. B. Phaneendra Babu sir addressed the event. Dr. Gopinath G R sir started technical talk on sensorless control of electrical drives. Sir started the event with giving introduction about modeling, control and sensorless techniques, extended Kalman Filter Observer.Later sir started explaining the characteristics and different types of permanent magnet synchronous motor and their purposes of internal end external mounted PMSM.He explaind factors effecting the efficiency. He explained about the factors and constants in modeling PMSM of stator and rotor.Sir explained inductance in stationary alphabeta reference frame ,coordinate transformations in power non invariant and mechanical modeling. Sir explained the speed control charaacteristics at different frequency how torque and power will vary and efficiency map of toyota Prius motor. Sir gave brief explaination about control strategies for PMSM and vector control of IPMSM in rotor reference frame, speed control design, estimation technique.Sir answered all the questions which are asked by the students. The event completed with vote of thanks by IEEE IAS SB Vyshanavi |
| **IRG (**in rupees**)**<br><br>**Deposited A/C no A/C name and date and other details** | NA |
| **Expenditure (**in rupees**)**<br><br>**(Enclose proof-bills)** | NIL |
| **POs attained with this Event** | |

| | |
|---|---|
| (number and description) | |
| **Photographs of the event**<br>(Hard copy and soft copy) | |

Rotor dq reference frame model

IEEE
IEEE
Welcome To
Technical Talk On Sensorless Control Of Electrical Drives
IEEE IAS SB CHAPTER(A34(SBC64761C)
DEPARTMENT OF ELECTRICAL &ELECTRONICS ENGINEERING
ON
29 March 2022
Gokaraju Rangaraju Institute of Engineering and Technology
(AUTONOMOUS) NAAC A++
Bachupally, Kukatpally, Hyderabad 500090

Sensorless Control of Electric Drives
Dr Gopinath G R,
Assistant Professor, EEE,
Mahindra University, Hyderabad
Mahindra
University

| | |
|---|---|
| | <br> |
| **Proofs:**<br><br>**1.Certificates copies**<br><br>**2.Profile of Speaker**<br><br>**3.PPT/Material as applicable. etc.,** | |

**List of students participated in event**

| Sl.No. | Name of students | Roll Number | Branch | Year |
|---|---|---|---|---|
| 1. | B V S N S GANESH | 20241A0201 | EEE | 2nd year |
| 2. | BAIRI RAKESH GOUD | 20241A0202 | EEE | 2nd year |
| 3. | BALNEEDI LAKSHMI NARASIMHA RAO | 20241A0203 | EEE | 2nd year |
| 4. | BATHULA SWATHI | 20241A0204 | EEE | 2nd year |
| 5. | BELLAL SAI VIGNESH | 20241A0205 | EEE | 2nd year |
| 6. | BHUKYA PAVAN KALYAN | 20241A0206 | EEE | 2nd year |
| 7. | BOMMA VENKATA PARAMESH REDDY | 20241A0207 | EEE | 2nd year |
| 8. | C TARUN RAJ | 20241A0208 | EEE | 2nd year |
| 9. | CHAMARTHI HEMANTH | 20241A0209 | EEE | 2nd year |
| 10. | CHEEKATI NIKHIL | 20241A0210 | EEE | 2nd year |
| 11. | DATLA RAJA SHANMUKHA PRABHATH VARMA | 20241A0211 | EEE | 2nd year |
| 12. | DEVARAI BHAVANA | 20241A0212 | EEE | 2nd year |
| 13. | GUDURU GUHANIKA | 20241A0214 | EEE | 2nd year |
| 14. | K SRUJAN | 20241A0215 | EEE | 2nd year |
| 15. | KALIDINDI MANI DEEPAK VARMA | 20241A0217 | EEE | 2nd year |

| | | | | |
|---|---|---|---|---|
| 16. | KAVVAMPALLY SHARADA | 20241A0218 | EEE | 2nd year |
| 17. | KOTHA HARSHITH | 20241A0219 | EEE | 2nd year |
| 18. | KOTHA SRIKAR | 20241A0220 | EEE | 2nd year |
| 19. | KURAVA GANESH KUMAR | 20241A0221 | EEE | 2nd year |
| 20. | M ANIL KUMAR | 20241A0222 | EEE | 2nd year |
| 21. | M GAYATHRI | 20241A0223 | EEE | 2nd year |
| 22. | MADHAMSHETTY UMESH KRISHNA | 20241A0224 | EEE | 2nd year |
| 23. | MAMIDI NITISH CHANDRA | 20241A0225 | EEE | 2nd year |
| 24. | NAGU BHUVANESH REDDY | 20241A0227 | EEE | 2nd year |
| 25. | NALLANI SAI GOUTHAM | 20241A0228 | EEE | 2nd year |
| 26. | NAMPALLI MAHESHWARI | 20241A0229 | EEE | 2nd year |
| 27. | ODNALA MANUSHA | 20241A0230 | EEE | 2nd year |
| 28. | PENMETSA RAKESH VARMA | 20241A0232 | EEE | 2nd year |
| 29. | PISINI SATHVIKA | 20241A0233 | EEE | 2nd year |
| 30. | POLURI SAI VENKAT AKASH | 20241A0234 | EEE | 2nd year |
| 31. | RAMINENI VYSHNAVI | 20241A0235 | EEE | 2nd year |

| | | | | |
|---|---|---|---|---|
| 32. | REDAPANGU SANDEEP | 20241A0236 | EEE | 2nd year |
| 33. | ROHAN NAIR | 20241A0237 | EEE | 2nd year |
| 34. | S VIKAS | 20241A0239 | EEE | 2nd year |
| 35. | SADIGE CHANDRA PRASAD | 20241A0240 | EEE | 2nd year |
| 36. | SANIYA MAHAWIN | 20241A0241 | EEE | 2nd year |
| 37. | SATTUR AKSHITHA | 20241A0242 | EEE | 2nd year |
| 38. | SHABANA BEGUM | 20241A0243 | EEE | 2nd year |
| 39. | SRIKANTH GAJJALA | 20241A0244 | EEE | 2nd year |
| 40. | THAPPETA KAVYA SREE | 20241A0245 | EEE | 2nd year |
| 41. | TUMMA SURYA PRAKSH | 20241A0247 | EEE | 2nd year |
| 42. | UMMIDISETTY NIHARIKA | 20241A0248 | EEE | 2nd year |
| 43. | UPPULA PAVAN KUMAR | 20241A0249 | EEE | 2nd year |
| 44. | VARMANI RAHUL VARMA | 20241A0250 | EEE | 2nd year |
| 45. | VORUGANTI PRANEETH GOUD | 20241A0252 | EEE | 2nd year |
| 46. | YADLA VIJAYA SREE | 20241A0253 | EEE | 2nd year |
| 47. | YERRAGUNTLA LAKSHMI SRI HARSHITHA | 20241A0254 | EEE | 2nd year |

| | | | | |
|---|---|---|---|---|
| 48. | JONPALLY MANAS RAO | 20241A0255 | EEE | 2nd year |
| 49. | MALLELA NAVEEN | 20241A0256 | EEE | 2nd year |
| 50. | SUSANI NEHA | 20241A0257 | EEE | 2nd year |
| 51. | JAKINAPALLI CHANDHANA | 21245A0201 | EEE | 2nd year |
| 52. | KULKARNI AKSHITH | 21245A0202 | EEE | 2nd year |
| 53. | MARIMGANTI SRIKANTH | 21245A0203 | EEE | 2nd year |
| 54. | POSHALA SRINATH | 21245A0204 | EEE | 2nd year |
| 55. | SANATHANA JAHNAVI | 21245A0205 | EEE | 2nd year |
| 56. | VEMULA SATYANARAYANA | 21245A0206 | EEE | 2nd year |
| 57. | MAREEDU KUSHAL GOUD | 21245A0207 | EEE | 2nd year |
| 58. | JADALA VARUN SAI | 21245A0208 | EEE | 2nd year |
| 59. | OM POHANKAR | 21245A0209 | EEE | 2nd year |

**Signature of Coordinator**

**Signature of HOD**

# IEEE GRIET SB Core Committee Meet 2022

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | **Professional Body** | **Institutional Body** |
| | | **IEEE** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Administrative | | |
| **Title / Theme of the Event** | IEEE GRIET SB Core Committee Meet | | |
| **Details of the Coordinator & Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 05-04-2022 | 05-04-2022 | 1 |
| **Details of the Speaker / Guest** Organization Address: | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | |

| | | | | | |
|---|---|---|---|---|---|
| **Participants** (Teaching Faculty / Non-Teaching Faculty / Students) | No.of Faculty | No. of UG students | No.of PG Students | No.of outside participants | Total Participants |
| | 1 | 30 | -- | -- | 30 |
| **Faculty Names & Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | | | |
| **Summary of the Event** | IEEE GRIET SB Core Committee Meeting was held on 5th April 2022 to discuss the agenda of the Student Branch with the newly recruited members.<br><br>The Student Branch Counselor, Dr. B. Phaneendra Babu congratulated the newly recruited members and then talked about the establishment and legacy of the Student Body. Later, the Execom as well as individual Student Chapter Chairs, came up to the dais to brief about their respective Student Chapter and introduce the members of their committees. Following this, The Student Branch Chapter Advisors addressed the members about the benefits of the IEEE Student Branch and how being a core committee member nourishes one's personal as well as professional skills.<br><br>This Core Committee Meeting turned out to be a splendid opportunity for the entire Core Committee to meet each other and build their networking skills. | | | | |
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- | | | | |
| **Expenditure (**in rupees**) (enclose proof bills)** | -- | | | | |
| **POs attained with this Event** (number and description) | -- | | | | |

**Photographs of the event**
(Hard copy and Soft copy)

| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | **Dr. B. Phaneendra Babu, Student Branch Counselor** |

**Signature of Coordinator** **Signature of HOD**

# Inauguration of new Student Chapters: CAS, IES and CIS

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization**<br><br>**Address:** | **GRIET** | | |
| **Department** | | **Professional Body**<br>**IEEE** | **Institutional Body**<br>**IEEE GRIET SB** |
| **Nature of the Event**<br><br>(Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Administrative** | | |

<table>
<tr><td>Title / Theme of the Event</td><td colspan="3">Inauguration of new IEEE SBs:<br><br>CAS (Circuits and Systems Society)<br><br>IES (Industrial Electronics Society)<br><br>CIS (Computational Intelligence Society)</td></tr>
<tr><td>Details of the Coordinators& Designation</td><td colspan="3">1. Dr. B. Phaneendra Babu<br>IEEE GRIET SB Counsellor<br><br>Professor and head of department (department of EEE)<br><br>GRIET, Hyderabad<br><br>2. Mrs Y. Satyavani<br>IEEE GRIET IES SB Chapter Advisor</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td>No. of Days</td></tr>
<tr><td>8th April, 2022</td><td>8th April, 2022</td><td>01</td></tr>
<tr><td>Details of the Speaker / Chief Guest<br><br>Organization<br><br>Address:</td><td colspan="3">1. Mr.SrinivasJasti<br>IEEE HYD. SECTION CHAIR<br><br>2. Mr.RanjitPohanekar<br>HOD, SERVIVE & SALES, HPS<br><br>3. Dr.JVRRavindra<br>IEEE HYD SEC IES VICE CHAIR<br><br>4. Dr.P.Chandrasekhar<br>IEEE HYD SEC CAS CHAIR<br><br>5. Dr.A.Kavitha<br>IEEE HYD SEC CIS SECRETARY<br><br>6. Mr.SaiPrasanth<br>IEEE HYD SEC SAC MEMBER<br><br>7. Mr.PranayKashyap<br>IEEE HYD SEC IES MEMBER</td></tr>
</table>

| **Participants**<br><br>(Teaching Faculty / Non-Teaching Faculty / Students)<br><br>**Enclose participants list** | No. of Faculty | No. of UG students | No. of PG Students | No. of outside participants | Total Participants |
|---|---|---|---|---|---|
| | 8 | 100 | | 0 | 100 |
| **Faculty Names**<br><br>**& Designation** | Dr. J. Praveen – Principal<br><br>Dr. Jandhyala N Murthy - Director<br><br>Dr. B. Phaneendra Babu, Professor, Head, Dept. of EEE<br><br>Dr. Himbabindu valiveti, Head, Dept. of ECE<br><br>Dr. NV GANPATHI RAJU, Head, Dept. of IT | | | | |
| **Summary of the Event** | Inaugural event started with classical dance by Sri Harshitha followed by lightning lamp. And then chief guests were invited on the Dias.<br>Principal sir Dr. J. Praveen gave brief introduction about IEEE and IEEE GRIET SBs and their different activities. And then we called upon Mr. Srinivas Jasti, IEEE Hyd. Section chair to give brief introduction about IEEE Hyd. Section and guided us in conducting various events. Then Mr. Ranjit Pohanekar, HOD in sales and services in HPS company, shared his experiences in electrical domain. Then Mr. JVR Ravindra, IEEE Hyd. Section IES Vice Chair addressed students about collaborating with all branch students and coordinate each other to provide more efficient results for upcoming challenges. And he told that IEEE is the platform where we can connect with different types of students. Then Dr. A. Kavitha, IEEE Hyd. Section CIS Secretary told about her experience in IEEE and benefits of being IEEE CIS member. Then Mr. Sai Prashant, IEEE Hyd. Section SAC member talked about benefits of IEEE and how IEEE helps students in publishing research papers. And to make audience more interactive he questioned some students about IEEE. Then Mr. Pranay Kashyap, IEEE Hyd. Section IES Member talked about IES and how to explore IES website and benefits of being IES members. Then we launched our respective logos. The chairs of respective student branches introduced their SB members and briefed about upcoming events from | | | | |

| | |
|---|---|
| | their respective SBs. At last, the event got to an end with Dr. Phaneendra Babu, IEEE GRIET branch counselor by giving vote of thanks. |
| **IRG (**in rupees**)**<br><br>**Deposited A/C no A/C name and date and other details** | NA |
| **Expenditure (**in rupees**)**<br><br>**(Enclose proof-bills)** | 10K |
| **POs attained with this Event**<br><br>(number and description) | |
| **Photographs of the event**<br><br>(Hard copy and soft copy) | |

Thank You
INAUGURAL CEREMONY OF SB CHAPTERS
CAS
CIRCUITS AND SYSTEMS SOCIETY
INDUSTRIAL ELECTRONICS SOCIETY
COMPUTATIONAL INTELLIGENCE SOCIETY
DATE : 8TH APRIL 2022
Thank You
CAS

CAS
CIRCUITS AND SYSTEMS SOCIETY
INDUSTRIAL ELECTRONICS SOCIETY
COMPUTATIONAL INTELLIGENCE SOCIETY
DATE : 8TH APRIL 2022
VENUE : ECE SEMINAR HALL (2407)
IEEE GRIET EXECUTIVE COMMITTEE

| | |
|---|---|
| | |
| **Proofs:**<br><br>**1.Certificates copies**<br><br>**2.Profile of Speaker**<br><br>**3.PPT/Material as applicable. etc.,** | |

B. Phaneendra Babu

**Signature of Coordinator** **Signature of HOD**

# Training Program On Mini Projects

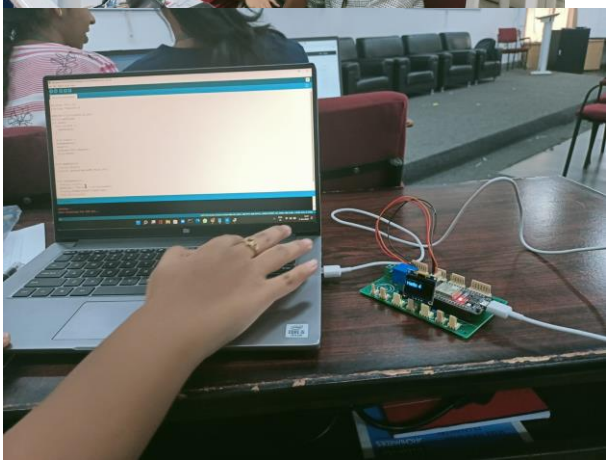
## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **ECE** | **Professional Body** | **Institutional Body** |
| | | **IEEE CAS<br>GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **TRAINING PROGRAM** | | |
| **Title / Theme of the Event** | **MINI PROJECTS TRAINING** | | |
| **Details of the Coordinator & Designation** | Dr. V. Hima Bindu, Advisor, CAS Chapter, IEEE GRIET SB | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 11-04-2022 10:00PM | 26-04-2022 4:00PM | 16 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">1. Mr. A. Radhanand, Assoc Prof, ECE,GRIET<br>2. Mr. Sampath Krishna Reddy, Assoc Prof, ECE, GRIET<br>3. Mrs. A. Lavanya, Assoc Prof, ECE, GRIET</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td></td><td>300</td><td></td><td></td><td>300</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">NA</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">The team IEEE CAS of GRIET has conducted a workshop for third year ECE students. The event is conducted by Professor Radhanadh, Professor Sampath Krishna and Professor Lavanya. The workshop started from 11th April 2022 - 26th April 2022 where each section was given two whole days. This is done to help the students with their mini project. A group of 60-70-students (one section) of students attended the workshop. Each group attended the workshop for 2 days. A total of 300 students(divided into 5 groups) have attended the workshop. Students were divided into pairs and then every pair got to work on ten different projects. Every pair was supposed to get at least one laptop. Each pair is provided with a mini project kit with which the mini project of the group is carried out. The kit consists of:<br><br>1. ESP32 microcontroller<br>2. A GISMO06 model board<br>3. 2 actuators<br>4. Different types of sensors.<br><br>The workshop teaches every 3rd year ECE student to use the computer with the software Arudino. The software is used to write the code found on GISMO06 and upload it to the ESP32 microcontroller consisting of all hardware components and</td></tr>
</table>

| | |
|---|---|
| | output is shown in mobile application and Firebase. The projects and sensors used were:<br><br>1. HOME SECURITY SYSTEMS WITH IoT INTERFACE:<br><br>Magnetic switch PIR sensor is used to detect the presence of intruders and unauthorized opening of windows and alarm status update in Firebase and mobile applications.<br><br>2. SMART GARDEN WITH IoT INTERFACE:<br><br>Detect level of soil moisture and switch on motor based on limit checking, transfer soil moisture data and motor status to Firebase and display in mobile application using soil moisture sensor.<br><br>3. IR REMOTE BASED CONTROL WITH IoT INTERFACE:<br><br>Local control of an appliance using IR remote as well as cloud-based control using a mobile app with IR receiver IR generic remote.<br><br>4. IoT BASED REMOTE RANGE METER:<br><br>Detect range at which object ID present using Ultrasonic sensor HC SR04 and transfer range data to Firebase.<br><br>5. FALL DETECTION USING IoT:<br><br>Detect fall forward, backward, left or right using multi-axes accelerometer MPU6050 and transfer fall status to Firebase and display in mobile application.<br><br>6. GESTURE RECOGNITION USING IoT:<br><br>Detect left,right, up and down gestures using APDS9960 sensor, transfer gesture to Firebase and display in mobile application.<br><br>7. HEART MONITORING USING IoT: |

| | |
|---|---|
| | Detect heartbeat (beats per minute) using MAX30102 sensor, transfer heartbeat data to Firebase and display in mobile application.<br><br>8. WAKE SOUND DEDECTION AND ALARM NOTIFICATION:<br><br>Record sound using a MEMS microphone, transform to frequency domain using FFT, detect presence of the specific frequency of a bell and transfer status to Firebase<br><br>9. IoT BASED REAL TIME APPLIANCES CONTROL:<br><br>Based on start, stop timings set in mobile app and transferred to Firebase control an appliance using GISMO6.<br><br>So by the end of the two day workshop every student can efficiently have complete knowledge and resources to do ten different types of projects. All these projects play a vital role in everyday lives and enable the student to have an insight and working of several gadgets. |
| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | |
| **POs attained with this Event**<br>(number and description) | N/A |

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and soft copy) | <br>  |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator** **Signature of HOD**

# Industrial Visit to Infosys, Hyderabad

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **IT** | **Professional Body** | **Institutional Body** |
| | | **IEEE GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **INDUSTRIAL VISIT** | | |
| **Title / Theme of the Event** | **INDUSTRIAL VISIT TO INFOSYS, HYDERABAD** | | |
| **Details of the Coordinator& Designation** | Dr. N V .GANAPATHIRAJU advisor for CIS Chapter, IEEE GRIET SB | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 29-04-2022 1:00PM | 29-04-2022 4:00PM | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr. RAVI SHARMA , INFOSYS , HYDERABAD.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>7</td><td>63</td><td></td><td></td><td>70</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1.Dr. N V. Ganapathi Raju , Professor, HOD, IT,GRIET<br>2. Mrs. A. Pavitra , Assistant Professor, IT,GRIET<br>3. Mr. P. K. Abhilash , Assistant Professor , IT, GRIET<br>4. Mr. K. Sandeep, Assistant Professor, IT , GRIET<br>5. Mrs. K . Maha Lakshmi. Assistant Professor, IT, GRIET<br>6. Mrs. N. Mounika , Assistant Professor, IT, GRIET<br>7.Mr. Y. Subba Rayudu, Assistant Professor, IT, GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">Computational intelligence society (CIS) Student Chapter, organized an Industrial Visit to Infosys, Gachibowli Hyderabad, with an aim to give the feel of professional environment of the software industry and to get knowledge about work culture of IT industry, infrastructure and campus facilities provided by company.<br><br>During the visit the HR team conducted a session for all the students on SDLC (Software development life cycle process). The introduction was given by Mr. Surendra, he shared information about Infosys Ltd. and its recruitment process. He also spoke about the current IT trends & skills required to get hired by companies.<br><br>Further Mr. Ravi Sharma, Project manager continued the session, he enlightened our students with Software development lifecycle concepts including waterfall, agile methods, product delivery scheduling, cloud and Microsoft Applications. He spoke on how any problem can be solved using Hybrid agile implementation that contains several steps like sprint, waterfall, discovery workshop</td></tr>
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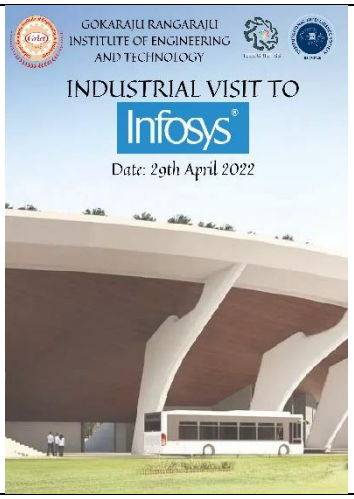
| | and so much more. The one of our students described his project in detail and how it can be implemented in terms of Hybrid agile implementation.<br><br>The students were also briefed about different career opportunities in the IT industry, and various IT-related roles they can explore. He also shared top mantras for success and answered a number of queries posed by the students. After the session, students took a tour around the Infosys Campus to see the workstations, facilities, etc. |
| **IRG (**in rupees**)** | 0 |
| **Expenditure (**in rupees**)** | 0 |
| **POs attained with this Event**<br>(number and description) | N/A |

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** |  |

**Signature of Coordinator** **Signature of HOD**

# Workshop on IoT and Embedded Systems

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **ECE** | **Professional Body** | **Institutional Body** |
| | | **IEEE CAS<br>GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **WORKSHOP** | | |
| **Title / Theme of the Event** | **WORKSHOP ON IOT AND EMBEDDED SYSTEMS** | | |
| **Details of the Coordinator & Designation** | Dr. V. Hima Bindu, Advisor for CAS Chapter, IEEE GRIET SB | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 09-05-2022 10:00PM | 12-05-2022 4:00PM | 4 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">1. Dr. V Hima Bindu, Prof, HOD, ECE, GRIET<br>2. Mr. A. Radhanand, Assoc Prof, ECE,GRIET<br>3. Mr. Sampath Krishna Reddy, Assoc Prof, ECE, GRIET<br>4. Mrs. A. Lavanya, Assoc Prof, ECE, GRIET</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td></td><td>80</td><td></td><td></td><td>80</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">NA</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE CAS GRIET SB has conducted a workshop on IoT and embedded systems from May 9, 2022, to May 13, 2022 (5 days) in collaboration with the department of ECE, GRIET. A total of 45 students have taken up the workshop with the teachings and guidance of the resource persons, Mr. A Radhanand, Dr. V Hima Bindu, Mr. P SampathKrishna Reddy, and Ms. A Lavanya. During this workshop, the students have learned various concepts and applications of The Internet of Things (IoT) and Embedded Systems.<br><br>Agenda of the workshop<br><br>● Understand the concepts of IoT and embedded systems<br><br>● Application of various sensors<br><br>● Using Google Firebase and handling the performed projects from the cloud<br><br>● To create a mobile application using Kodular<br><br>● And finally, link the mobile application and real-time database<br><br>Tools Given<br><br>● GISMO-V board<br>● Soil Moisture sensor<br>● Ultrasonic sensor<br>● OLED display<br>● DHT11</td></tr>
</table>

| | |
|---|---|
| | • MPU 6050<br>• Magnetic Switch Laptop with Arduino software<br>• Google Firebase<br>• Kodular companion<br><br>**DAY 1**<br><br>The first day of the workshop started with the introduction to IoT, the students were provided with the GISMO-V boards and the relevant sensors necessary for the event and Mr. A Radhanand sir explained the working of each component. The students were first introduced to the concepts of IoT with a brief discussion. Later on, with the help of the previously developed codes, the students were able to relate the concepts and work on the sensors such as soil moisture sensor, onboard LED, and relay.<br><br>**DAY 2**<br><br>On the second day, the attendees were explained about the working of other new sensors such as DHT 11, Ultrasonic sensor, OLED, MPU 6050, Magnetic Switch and used OLED display to print values on the OLED Display and used the sensors to overcome daily life issues such as water scarcity using a smart water management system, and theft alarm projects.<br><br>**DAY 3**<br><br>On the third day, the attendees were given an introduction to Google Firebase and its uses. The students were able to understand the concepts of real-time databases and how to utilize cloud services. Dr. V Hima Bindu ma'am explained how to use Google Firebase and store the data generated using Arduino Uno and the procedure to push the values into the Firebase. Using these concepts, the students were able to push the values in the Google Firebase and control the sensors with the help of firebase.<br><br>**DAY 4**<br><br>On the Fourth day, the session started with an introduction to Kodular companion (App development tool) and how to link Google firebase with the kodular companion, the students were able to create mobile apps which display values of sensor outputs that were updated in the Firebase. Students created their projects and controlled all sensors provided using the app. |

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| | **DAY 5**<br><br>On the fifth day, attendees worked on their ideas and the resource persons helped them. It was followed by a seminar on future IoT advancement and their applications in the future and continued by feedback and an exam on the concepts of sensors and all the tools used in the workshop. |
| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | |
| **POs attained with this Event**<br>(number and description) | N/A |
| **Photographs of the event**<br>(Hard copy and soft copy) | |

| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator** **Signature of HOD**

# Innovate 4 Menstrual Waste Management

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **IT** | **Professional Body** | **Institutional Body** |
| | | **IEEE GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **HACKATHON** | | |
| **Title / Theme of the Event** | **INNOVATE 4 MENSTRUAL WASTE MANAGEMENT - HACKATHON** | | |
| **Details of the Coordinator& Designation** | Dr. N V .GANAPATHIRAJU advisor for CIS Chapter, IEEE GRIET SB | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 24-05-2022 10:00A | 24-05-2022 3:00PM | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Dr.K.Prasanna Laxmi, Professor of GRIET and Dr. V. Hema Bindu, HOD of ECE,GRIET.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>8</td><td>21</td><td></td><td></td><td></td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1.Mr. Dr. N V. Ganapathi Raju , Professor, HOD, IT,GRIET<br>2. Mrs. Dr.K.Prasanna Laxmi ,Professor,IT, GRIET<br>3. Mrs. Dr. V. Hema Bindu , HOD of ECE<br>4. Mrs. K . Maha Lakshmi. Assistant Professor, IT, GRIET<br>6. Mrs. N. Mounika , Assistant Professor, IT, GRIET<br>7. Mrs,</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">The “Menstrual Waste Management Hackathon - 2022” has been organized by Computational Intelligence Society (CIS), Student Chapter – GRIET in association with TSIC and Water Aid. Innovate 4 Menstrual Waste Management 2022 Hackathon in GRIET has broken the silence among the peers about menstruation, which is unfortunately still considered as a taboo even among the present generation. IEEE-CIS in association with TSIC has taken this initiative to come up with environment friendly solutions for menstrual waste. The teams which took part have immensely dwelled in the topic to bring out their inner engineer for creating the best solutions and gained a lot of insights from the judge panel present there.<br><br>The hackathon aims to find solutions for treatment and disposal of used menstrual absorbents in a manner that is safe for the users (girls and women), environment friendly and can be up-scaled within current waste management systems and processes.<br><br>A total of 7 teams participated in this hackathon with each team consisting of utmost 3 participants with at least one girl in their team. Initially participants were given time to get ready on what they needed to work on. There were 3 categories in which they</td></tr>
</table>

| | |
|---|---|
| | could showcase their ideas and skills. Each team came up with their ideas and presented them to the judge panel. |
| **IRG (**in rupees**)** | 0 |
| **Expenditure (**in rupees**)** | 1940 |
| **POs attained with this Event**<br>(number and description) | N/A |
| **Photographs of the event**<br>(Hard copy and soft copy) | |

<table>
<tr>
<td></td>
<td> </td>
</tr>
<tr>
<td>Proofs:<br>1.Certificates copies<br>2.Profile of Speaker<br>3.PPT/Material as applicable. etc.,</td>
<td>
</td>
</tr>
</table>

**Signature of Coordinator** **Signature of HOD**

# Ultimate Guide to build a Final-year Project- II

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **ECE** | **Professional Body** | **Institutional Body** |
| | | **IEEE GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Online Technical Talk** | | |
| **Title / Theme of the Event** | **Ultimate guide to build your final year project<br>Topic: Discernment of fire and its growth in various circumstances using Illumination Image Analysis.** | | |
| **Details of the Coordinator& Designation** | Dr. V. Sreehari advisor for GRSS Chapter, IEEE GRIET SB<br>CH. SRI RAMA MURTHY (19241A04J6), GRSS CHAPTER CHAIR<br>I. MANOGNA (19241A04E1), GRSS SECRETARY | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 11-06-2022 7:00PM | 11-06-2022 8:00PM | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Tejaswi Uppalapati<br>Sai Charitha Veeramachineni<br>Keerthi Sai chalasani<br>Samanvitha Kosaraju</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>1</td><td>52</td><td>0</td><td>9</td><td>62</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. V. Srihari, Professor, ECE, GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB conducted a webinar on “Ultimate Guide to build your Final Year Project” under Geoscience and Remote Sensing Society. The topic was “Discernment of fire and its growth in various circumstances using Illumination Image Analysis”. The webinar was held on 11th June 2022 from 7: 00 PM to 8:00PM in a YouTube live channel.<br><br>Miss Tejaswi began the online session on by stating the reasons to choose this project. She said one of the major reason to do this project was due to bad weather conditions especially fire which causes property and life loss. Detecting fire in early stages can save a lot of lives. In the past few years’ fire have been most common disaster. There are many methods to detect fire. She said the method they chose was the most accurate method. It can also detect the intensity of fire. They made a algorithm based on light analysis. She further said that their project they perform proposed algorithm on the image which takes brightness and luminance due to which loss could be reduced.The session was engaging and very interactive. Students were very enthusiastic to participate and learn about how to build their project.</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5">0</td></tr>
</table>

| | |
|---|---|
| **Expenditure (**in rupees**)** | 0 |
| **POs attained with this Event** (number and description) | N/A |
| **Photographs of the event** (Hard copy and Soft copy) | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator** **Signature of HOD**

# Awareness about Rocket Science

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **ECE** | **Professional Body** | **Institutional Body** |
| | | **IEEE CAS<br>GRIET SB** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **GUEST LECTURE** | | |
| **Title / Theme of the Event** | **AWARENESS ON ROCKET SCIENCE** | | |
| **Details of the Coordinator& Designation** | Dr. V. Hima Bindu, Advisor, CAS Chapter, IEEE GRIET SB | | |
| **Event Dates/Days** | From | To | No. of Days |

<table>
<tr><td></td><td>13-06-2022 10:00PM</td><td>13-06-2022 1:00PM</td><td colspan="3">1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr. YALLA SHIVA PRASAD , FORMER SCIENTIST - ISRO.</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>3</td><td>150</td><td></td><td></td><td>153</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr. J. Praveen, Principal, GRIET<br>2. Dr. V. Hima Bindu, HOD, ECE, GRIET<br>3. Dr. Mamatha Samson Gandhi, Prof, ECE, GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE CAS GRIET SB and Department of ECE, GRIET organized a guest lecture on rocket science by Dr. Yalla Siva Prasad. The objective of the session was to help students obtain awareness on Rocket Science. This session was held on 13th June 2022 in the ECE seminar hall (2406/07).<br><br>Siva prasad garu graduated from Kerala University Thiruvananthapuram in the branch of Mechanical Engineering in the year 1983. He started his career by joining Vikram Sarabhai Space Center, a major Space Research center of ISRO. He contributed 30 years in ISRO as a Mechanical Engineer. Sir has also been a part of many activities like space Raw Materials Mechanical testing activities and Ultra sounding testing activities. He retired from his professional career in the year 2015. He received the Dr. APJ Abdul kalam award for his great services to ISRO. Since his retirement, he has been empowering many students about ISRO in space technologies. He has a noble dream of the ISRO mission – 1000 guest lectures in the years to come and he had much confidence in reaching his goal. He participated in many training activities such as radiography testing activities level- 2 course, and ultrasonic testing activities level- 2 course.<br><br>Yalla Siva Prasad Garu started the session by telling the importance of ISRO and the activities done in ISRO. The speaker gave a brief idea about ISRO and started asking questions about</td></tr>
</table>

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| | rocket science to fill the spirit of the students. The speaker spoke about the importance of rocket science and its importance in the country's development. He explained the types of rockets that are developed and used by ISRO in various missions. He explained about PSLV and GSLV by showing us the schematic models and their contributions to India's space missions and explained the basic structure and design of these launch vehicles. He made everyone feel proud by showing the journey of ISRO from carrying rocket parts on a cycle to the world's best Space research organization. He explained about PSLV and GSLV by showing us the schematic models and their contributions to India's space missions and explained the basic structure and design of these launch vehicles. He made everyone feel proud by showing the journey of ISRO from carrying rocket parts on a cycle to the world's best Space research organization.<br><br>He provided insights about the Mangalyaan project and the reasons why it failed and how those failures helped to ensure the successful journey of Mangalyaan-2. The whole session was interactive and Sir ensured participatory learning by posing certain questions to students and the ones who gave the right answers were rewarded with a pen.<br><br>From the CAS chapter, we thank Prasad for giving an amazing talk on rocket science which made us curious to further inquire into the subject and it was a great learning experience. We thank Sir for his patience and time. The guest was presented with a token of appreciation by the principal and CAS Advisor. |
| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | |

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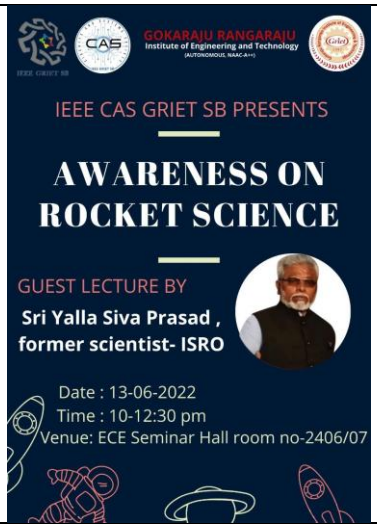
|---|---|
| **POs attained with this Event**<br>(number and description) | N/A |
| **Photographs of the event**<br>(Hard copy and soft copy) | |

| | | |
|---|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** |  | |

**Signature of Coordinator** **Signature of HOD**

# INDUSTRIAL VISIT TO HAMMOND POWER SOLUTIONS

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization**<br><br>**Address:** | **GRIET** | | |
| **Department** | | **Professional Body**<br><br>**IEEE-IAS SB Chapter**<br><br>IA34 (SBC64761C) | **Institutional Body**<br><br>**IEEE GRIET SB** |
| **Nature of the Event**<br><br>(Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Industry Visit** | | |

<table>
<tr><td>Title / Theme of the Event</td><td colspan="5">INDUSTRIAL VISIT TO HAMMOND POWER SOLUTIONS</td></tr>
<tr><td>Details of the Coordinators& Designation</td><td colspan="5">Dr. B. Phaneendra Babu<br>IEEE GRIET SB Counsellor<br>Professor and head of department (department of EEE)<br>GRIET, Hyderabad<br>Mrs G Sandya Rani<br>IEEE GRIET IAS SB Chapter Advisor</td></tr>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td colspan="3">No. of Days</td></tr>
<tr><td>18 June 2022</td><td>18 June 2022</td><td colspan="3">01</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">INDUSTRIAL VISIT TO HAMMOND POWER SOLUTIONS<br>Plot No 6a, Patancheru, Hyderabad - 502319 (IDA Phase 1, Pashamailaram)</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)<br>Enclose participants list</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>4</td><td>55</td><td>0</td><td>0</td><td>59</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. J. Praveen - Principal<br>Dr. B. Phaneendra Babu - Professor, Head of Dept. of EEE<br>D Karunakumar - Assistant professor</td></tr>
</table>

| | |
|---|---|
| | D Sreedhar Varma - Lab Assistant |
| **Summary of the Event** | We arrived at Hammond Power Solutions Pvt Ltd at 11:10 AM. We entered into the manufacturing plant. We are greeted by Ranjith Pohankar (H.O.D of sales and service), Ch.Prabhat(Manager srevice) Gangadhar(Shed incharge),P.Anji Reddy(Manager planning), B.Arjun(Engineer production).Gangadhar sir gave brief information about the Hammond Power Solution history and how they function. Sir explained how the transformer works and the different factors we consider in practical aspects. Sir explained the detailed construction of the transformer and its working. The students were divided into 3 batches and sent in one batch after another. First, we are shown how windings are arranged, what materials are used for insulation, and what different types of materials are used based on the rating of the transformer. Later the construction of the core was explained how and why the shape of the core is cylindrical and why is it required to laminate the core. and how the windings are placed in the core. The students asked different questions about core and windings. Gangadhar sir explained all the doubts clearly. Gangadhar sir has shown the different parts of the transformer and explained the functioning of each part. And explained the purpose of oil and different causes for break down or failure of the transformer and why maintenance is required to keep the transformer working for a long time even in a harsh environment. K. Madhu Krishna sir (testing in charge) explained the functioning of the transformer and why different tests are done on transformers before delivery of transformer to buyers. And different equipment used for the testing of the transformer. K. Madhu Krishna sir and V.Nagaraju sir showed the different testing equipment in the control room and the list of tests done on transformers. The students are taken to another plant where the dry-type transformers and the transformer's cores wiring is done and they are |

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| | placed in the transformer body and oil is filled and later they are packed and sent to the dispatch unit. and all the questions asked by students are clarified by K. Madhu Krishna sir. The industrial visit came to end and the students started returning to college at 1:20 PM. |
| **IRG (**in rupees**)**<br><br>**Deposited A/C no A/C name and date and other details** | NA |
| **Expenditure (**in rupees**)**<br><br>**(Enclose proof-bills)** | |
| **POs attained with this Event**<br><br>(number and description) | |

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|---|---|
| **Photographs of the event**<br><br>(Hard copy and soft copy) | <br> |

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| | |

Hammond
Power Solutions

| | |
|---|---|
| | |
| **Proofs:**<br><br>**1.Certificates copies**<br><br>**2.Profile of Speaker**<br><br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator**

**Signature of HOD**

# ENIGMA'22

**IEEE GRIET SB**

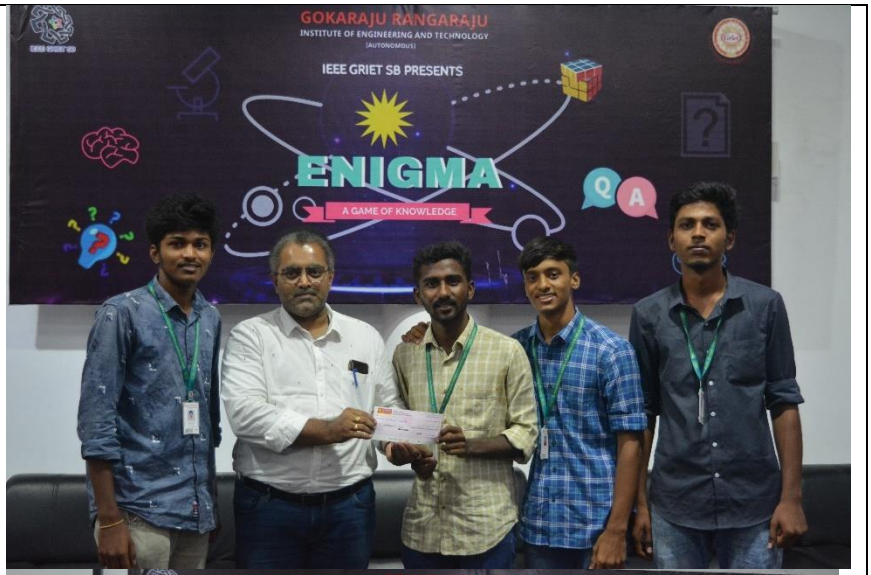
## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | Professional Body | Institutional Body |
| | | IEEE | IEEE GRIET SB |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Co & Extra-curricular Activities | | |
| **Title / Theme of the Event** | ENIGMA'22 | | |
| **Details of the Coordinator & Designation** | **Dr. B. Phaneendra Babu, Student Branch Counsellor** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 18-06-2022 | 18-06-2022 | 1 |

<table>
<tr><td>Details<br>Organization Address:</td><td colspan="5">IEEE GRIET SB</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No. of PG Students</td><td>No. of outside participants:</td><td>Total Participants</td></tr>
<tr><td>--</td><td>120</td><td>--</td><td>--</td><td>120</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5"></td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB organized a quiz competition titled “Enigma” on 18th June 2022. The tagline, "A Game of Knowledge," accurately describes its principal goal, which is to assess participants' knowledge both within and outside of the classroom and evaluate students’ skills and abilities. The quiz was also effective in fostering group cohesion.<br><br>The quiz covered a wide range of subjects, including current affairs, sports, movies, history, politics, cuisine, and travel. From the 30 teams, two pools of 15 teams were formed, with each team consisting of 3-4 players. It was an intriguing four-round tournament comprising of MCQs, Picture and Emoji questions, Chronological order questions, and so on, with a bonus Rapid Fire round for the finalists.<br><br>The winning team received a cheque for Rs.2000, while the runner-up team earned a cheque for Rs.1000. Dr. B. Phaneendra Babu, Branch Counsellor of IEEE GRIET SB then honoured the winners with cash prizes and certificates and the competition was concluded at 4:30 PM.</td></tr>
</table>

| | |
|---|---|
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date, and other details (Enclose proof A/C statement)** | 30x200=6000(participants fee) |
| **Expenditure (**in rupees**) (Enclose proof bills)** | buzzers-Rs.3000<br>Refreshments-Rs.2000<br>Banner & posters-Rs.1000<br>Prize money-Rs.3000<br>Total=Rs.9000 |
| **POs attained with this Event** (Number and description) | -- |

| | |
|---|---|
| **Photographs of the event**<br>(Hard copy and soft copy) | <br> |

| | |
|---|---|
| |  <br> |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | **Dr. B. Phaneendra Babu, Student Branch Counselor** |

**Signature of Coordinator** **Signature of HOD**

# Technical Talk on Harmonics in Power Drive Systems

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology<br>Nizampet Road, Bachupally, Kukatpally<br>Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | **EEE** | **Professional Body** | **Institutional Body** |
| | | **IES IEEE GRIET SB chapter** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities | **Technical Talk** | | |
| **Title / Theme of the Event** | **Harmonics in Power Drive Systems** | | |
| **Details of the Coordinator& Designation** | Ms.Satyavaani ma'am,IES faculty advisor | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 25-06-2022 11:30AM | 25-06-2022 12:30PM | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5">Mr. Ananda Sai,Alumnus of GRIET, Solutions Lead Power Electronics,Tech Mahindra<br>Mr.Srinivas NVNS,Alumnus of GRIET,chipset system Architect,QualcommInc</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No.<br>of UG students</td><td>No. of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>2</td><td>50</td><td>0</td><td>0</td><td>52</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">1. Dr.B. Phaneendrababu, HOD, EEE, GRIET<br>2. Mr.Ravikanth.K,faculty,EEE,GRIET</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB conducted a webinar on “Harmonics in Power Drive Systems” under Industrial electronucs Society. The technical talk was held on 25th June 2022 from 11:30 AM to 12:30PM in EEE seminar hall. The speaker of the session Mr .Ananda Sai,began the online session discussing the basic questions on harmonics . The technical talk concluded with a Q&A session where students cleared their doubts they had on power drive systems. The session was engaging and very interactive. Students were very enthusiastic to participate and learn about Harmonics,ways to reduce them.</td></tr>
<tr><td>IRG (in rupees)</td><td colspan="5">0</td></tr>
<tr><td>Expenditure (in rupees)</td><td colspan="5">0</td></tr>
<tr><td>POs attained with this Event<br>(number and description)</td><td colspan="5">N/A</td></tr>
</table>

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| | |
| **Photographs of the event**<br>(Hard copy and Soft copy) | |

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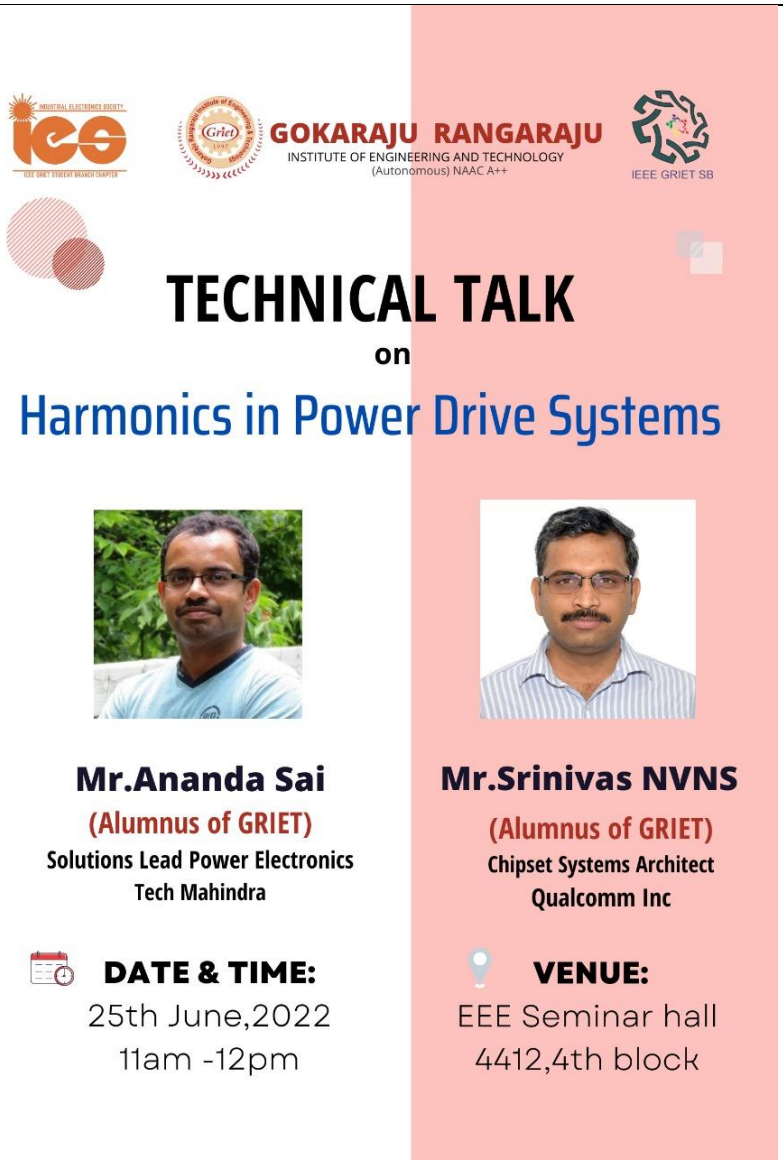
|---|---|
| | |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |




**Signature of Coordinator** **Signature of HOD**

# Core Committee Meet about the oncoming Half-Yearly Plans

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **GRIET/Other institutes/Organization address** | **GRIET** | | |
| **Department** | -- | **Professional Body** | **Institutional Body** |
| | | **IEEE** | **IEEE GRIET SB** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Co & Extra curricular Activities | Administrative | | |
| **Title / Theme of the Event** | IEEE GRIET SB Core Committee Meet about oncoming Half-Yearly Plans | | |
| **Details of the Coordinator & Designation** | **Dr. B. Phaneendra Babu, Student Branch Counselor** | | |
| **Event Dates/Days** | From | To | No. of Days |
| | 05-04-2022 | 05-04-2022 | 1 |

<table>
<tr><td>Details of the Speaker / Guest<br>Organization Address:</td><td colspan="5">Dr. B. Phaneendra Babu, Student Branch Counselor</td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No.of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No.of outside participants</td><td>Total Participants</td></tr>
<tr><td>1</td><td>10</td><td>--</td><td>--</td><td>11</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr. B. Phaneendra Babu, Student Branch Counselor</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">IEEE GRIET SB Core Committee Meeting was held on 28 June 2022 to discuss the schedule of the successive half-yearly plans that are to be accomplished.<br><br>The Student Branch Counselor, Dr. B. Phaneendra Babu, along with the core committee members framed a key plan of events to be conducted.<br><br>The significant points discussed in the meet are:<br><br>1. To establish strong co-ordination among Chapter Chairs and Advisors<br><br>2. To conduct a minimum of 12 events that are impactful as well as crowd-pulling<br><br>3. To draft a list of staff required and recruit volunteers for upcoming International Conference<br><br>4. To finalize the dates and theme of PRAGNYA'22<br><br>5. To increase the involvement of freshmen and create awareness about the student body<br><br>6. To conduct a meeting exclusively for IEEE Members 2022</td></tr>
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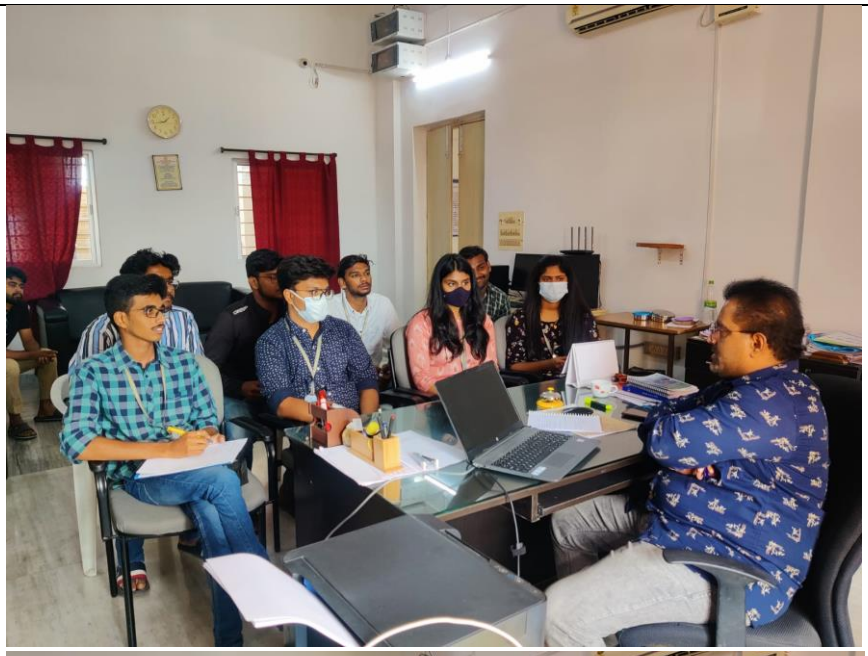
| **IRG (**in rupees**) Deposit A/C No , A/C Name , date and other details (enclose proof-A/C statement)** | -- |
| **Expenditure (**in rupees**) (enclose proof bills)** | -- |
| **POs attained with this Event** (number and description) | -- |
| **Photographs of the event** (Hard copy and Soft copy) | |

| | |
|---|---|
| |  <br> |
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable.etc.,** | **Dr. B. Phaneendra Babu, Student Branch Counselor** |

**Signature of Coordinator** **Signature of HOD**

# WIE STAR EVENT
# A VISIT TO ORPHANAGE

GRIET/6C/G/18-19

## EVENT SUMMARY REPORT

| | | | |
|---|---|---|---|
| **Griet/Other institutes/Organization Address:** | **Gokaraju Rangaraju Institute of Engineering & Technology Nizampet Road, Bachupally, Kukatpally Hyderabad- 500090, Telangana State, India.** | | |
| **Department** | | **Professional Body** | **Institutional Body** |
| | | **IEEE WIE AG** | **GRIET** |
| **Nature of the Event** (Workshop / Seminar / Guest Lecture / Tech Talk/ FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extra curricular Activities | Co & Extracurricular Activity | | |
| **Title / Theme of the Event** | **STAR EVENT (orphanage visit)** | | |
| **Details of the Coordinator& Designation** | Dr J Sridevi<br>Advisor IEEE GRIET WIE Chapter<br><br>Prof T Padma<br>GRIET NSS Coordinator | | |

<table>
<tr><td rowspan="2">Event Dates/Days</td><td>From</td><td>To</td><td colspan="3">No. of Days</td></tr>
<tr><td>1-07-2022</td><td>1-07-2022</td><td colspan="3">1</td></tr>
<tr><td>Details of the Speaker / Guest<br>Organization<br>Address:</td><td colspan="5"></td></tr>
<tr><td rowspan="2">Participants<br>(Teaching Faculty / Non-Teaching Faculty / Students)</td><td>No. of Faculty</td><td>No. of UG students</td><td>No.of PG Students</td><td>No. of outside participants</td><td>Total Participants</td></tr>
<tr><td>1</td><td>10</td><td></td><td></td><td>11</td></tr>
<tr><td>Faculty Names & Designation</td><td colspan="5">Dr J Sridevi<br>Advisor IEEE GRIET WIE Chapter<br><br>Prof T Padma<br>GRIET NSS Coordinator</td></tr>
<tr><td>Summary of the Event</td><td colspan="5">A small act of kindness is worth more than the grandest intention, the IEEE GRIET SB Women in engineering (WIE) AG conducted the WIE Star event at CHEERS FOUNDATION, Kaithalapur near KPHB PHASE IV on 1st July, 2022. The purpose of the event was to show the compassion and provide the children in the orphanage with few basic commodities. The SB members along with few volunteers and faculty visited the orphanage and interacted with the children. It was a new and refreshing experience for the students and kids at the orphanage. The SB members interacted with the kids at the orphanage and engaged them in few entertaining and educational activities. The SB members first conducted an icebreaker session where the SB members introduced themselves followed by the kids. The kids at the orphanage were asked to speak about their hobbies, personal interests, dreams and ambitions. It was very fascinating listening to kids speak about themselves. Various games where conducted by the SB members and the kids took part with a great enthusiasm.</td></tr>
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| | |
|---|---|
| | Later the commodities which were brought by the SB members where given to the orphanage management. And the event came to an end by good bye to the kids.<br>The WIE Star Event was a huge success and everyone had bright beaming smiles at the end of the day. |
| **IRG (**in rupees**)** | |
| **Expenditure (**in rupees**)** | 15,000/- |
| **POs attained with this Event**<br>(number and description) | |

**Photographs of the event**
(Hard copy and Soft copy)

DREAM
SMILE

| | |
|---|---|
| **Proofs:**<br>**1.Certificates copies**<br>**2.Profile of Speaker**<br>**3.PPT/Material as applicable. etc.,** | |

**Signature of Coordinator** **Signature of HOD**