




GRIET/2022/IEEE IAS SBC-1

EVENT SUMMARY REPORT

GRIET/Other institutes/Organization			
Address:	GRIET		
Department		Professional Body	Institutional Body
		IEEE-IAS SB Chapter IA34 (SBC64761C)	IEEE GRIET SB
Nature of the Event (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		
Title / Theme of the Event	Inauguration of IEEE Industry Application society student branch chapter		
Details of the Coordinators & Designation	<p>Dr. B. Phaneendra Babu IEEE GRIET SB Counsellor Professor and head of department (department of EEE) GRIET, Hyderabad</p> <p>Mrs G Sandya Rani IEEE GRIET IAS SB Chapter Advisor</p>		
Event Dates/Days	From	To	No. of Days
	27 January	27 January	01

	2022	2022			
Details of the Speaker / Guest Organization Address:	<p>Prof. Zuhaina Zakaria, Dean Institute of Graduate studies University Teknologi Mara, Malaysia.</p> <p>V.Ananda, Solution Lead Power Electroincs, Tech Mahindra, Hyderabad</p>				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No. of Faculty	No. of UG students	No. of PG Students	No. of outside participants	Total Participants
Enclose participants list	8	73			81
Faculty Names & Designation	<p>Dr. J. Praveen - Principal</p> <p>Dr. B. Phaneendra Babu, Professor, Head , Dept. of EEE</p> <p>G. Sandhya Rani - Assistant Professor</p> <p>Dr Y Vijayalatha - Professor, Dept. of CSE</p> <p>A. Vinay Kumar - Associate Professor</p> <p>R. Anil Kumar - Assistant Professor</p> <p>M.N. Sandhya Rani - Assistant Professor</p> <p>V. Usharani - Assistant Professor</p>				
Summary of the Event	<p>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, Ms Saniya 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 body logo. 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</p>				

	<p>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.</p>
<p>IRG (in rupees) Deposited A/C no A/C name and date and other details</p>	<p>NA</p>
<p>Expenditure (in rupees) (Enclose proof-bills)</p>	<p>NIL</p>
<p>POs attained with this Event (number and description)</p>	<ol style="list-style-type: none"> 1. <i>Broad education necessary to understand latest trends and development in electrical machines.</i> 2. <i>Recognition of the need for, and an ability to engage in life-long learning.</i>
<p>Photographs of the event (Hard copy and soft copy)</p>	

3:36 PM | vec-yqjt-bet

Participant list:

- Saniya Mahawin
- Kavya Sree Thappeta
- Jahnavi Sanathana
- Maheshwari Nampalli
- Vijaya Sree Yadla
- Phaneendra Babu B
- PROFESSOR IR DR ZU...
- Vijayalata Yellasi...
- 60 others

REC | Vijaya Sree Yadla is presenting

WELCOME

INDUSTRY APPLICATION SOCIETY
STUDENT BRANCH CHAPTER
 THE NEW CHAPTER OF IEEE STUDENT BRANCH
 GRIET

3:51 PM | vec-yqjt-bet

Participant list:

- Saniya Mahawin
- Kavya Sree Thappeta
- PROFESSOR IR DR ZUH...
- Vijaya Sree Yadla
- Phaneendra Babu B
- praveen juggle
- Amit kumar
- Vijayalata Yellasi...
- 57 others

REC | Vijaya Sree Yadla is presenting

IEEE INDUSTRIAL APPLICATION SOCIETY
 GRIET SB Chapter
 2022-2023
CORE COMMITTEE MEMBERS

Dr. Phaneendra babu SB Counsellor	Niharika Treasurer	Vijaya sree Web master	Kavya sree Industry Ambassador	

CO-MEMBERS

Sandeep	Rakesh Goud	Vyshnavi	Rakesh Varma	Manusha	Prabath Varma

3:51 PM | vec-yqjt-bet

Participant list:

- Saniya Mahawin
- Kavya Sree Thappeta
- PROFESSOR IR DR ZUH...
- Vijaya Sree Yadla
- Phaneendra Babu B
- praveen juggle
- Amit kumar
- Vijayalata Yellasi...
- 56 others

REC | Vijaya Sree Yadla is presenting

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
 DIFFERENTIAL GAME APPROACH IN HIGHWAY

Surya Prakash has left the meeting

3:53 PM | vec-yqjt-bet

Participant list:

- Saniya Mahawin
- Phaneendra Babu B
- PROFESSOR IR DR ZUH...
- Vijaya Sree Yadla
- Vijayalata Yellasi...
- Amit kumar
- praveen juggle
- Kavya Sree Thappeta
- 54 others

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

3:56 PM | vec-yqjt-bet

PROFESOR IR DR ZUHAINA HAJI ZAKARIA is presenting



4:05 PM | vec-yqjt-bet

Vijaya Sree Yadla is presenting

**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

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

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

4:39 PM | vec-yqjt-bet

Meet - vec-yqjt-bet

meet.google.com/vec-yqjt-bet?authuser=2

3:52 PM | vec-yqjt-bet

Proofs:

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

G. Gandhyani

Signature of Coordinator

B. Phaneendra Babu

Signature of HOD