

## 2.3.1 Student centric methods, such as Experimental learning, Participative learning and problem solving methodologies are used for enhancing learning experiences:

- **b)** Participative learning
  - I) Industrial Visit
  - **II)** Seminar done by the Students
  - **III)** Group Discussion
  - **IV)** Professional society activities (IETE)

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V); Ghatkesar (M), Medchal Dist, T S-50008é



2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

- b) Participative learning
  - I) Industrial Visit

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PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri (D).TS-500088

## CIVIL ENGINEERING DEPARTMENT



## A DETAIL REPORT

## ON

## **Industrial Visit**

## Place of Visit: BUILDING CONSTRUCTION PROJECT, Bogaram, Medchal-Malkajgiri (D)

incipar PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V). Ghatkesar (M), Medchal Dist, T S-500088

DATE: 21/12/2021 & 22/12/2021



AV KEESARA MEADOWS AV Constructions in Bogaram

From

AV Constructions in Bogaram GM2P+5J4, Keesara Ghatkesar Rd Bogaram Telangana 501301

Subject: "Approval Letter for Industrial Visit"

Dear Sir/Madam

I am writing this letter to approved your request that you made on 21/12/2021 & 22/12/2021 for visiting to our industry and pleased that you are interested in visiting our industry. I can assure you that our industry will give you and your's students significant knowledge during this visit. I hope this visit will give your student to know things practically through interaction and working methods. It will lessen the gap between lessons and the practical working environment.

I will also forward the rules and regulations that you have to maintain during this visit. As you know there is a pandemic situation all over the globe, so, you have to maintain some basic rules that are recommended by WHO.

Thank you for your interest and I look forward to hearing from you soon.

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdarvguda, Korremula (V). Ghatkesar (M), Medchal Dist, T S-50008é

Regards AV KEESARA MEADOWS Bogaram

### DETAILS OF INDUSTRIAL VISIT:

### **Place of visit** Building Construction Project, Bogaram, Medchal-Malkajgiri (D)

Date of visit

21/12/2021 & 22/12/2021

#### Name of department

Civil Engineering Department

### Semester

03 & 05 (Civil)

Subject Professional Practice & Valuation (2170610)

### Number of students

46 students Sem-3 (Civil Engineering) 66 students Sem-5 (Civil Engineering)

### **OBJECTIVES**

1. The main objective of this visit is to understand the construction procedure of different components of building.

2. To learn and understand the precaution & safety at Construction project site.

### VISIT DISCRIPTION

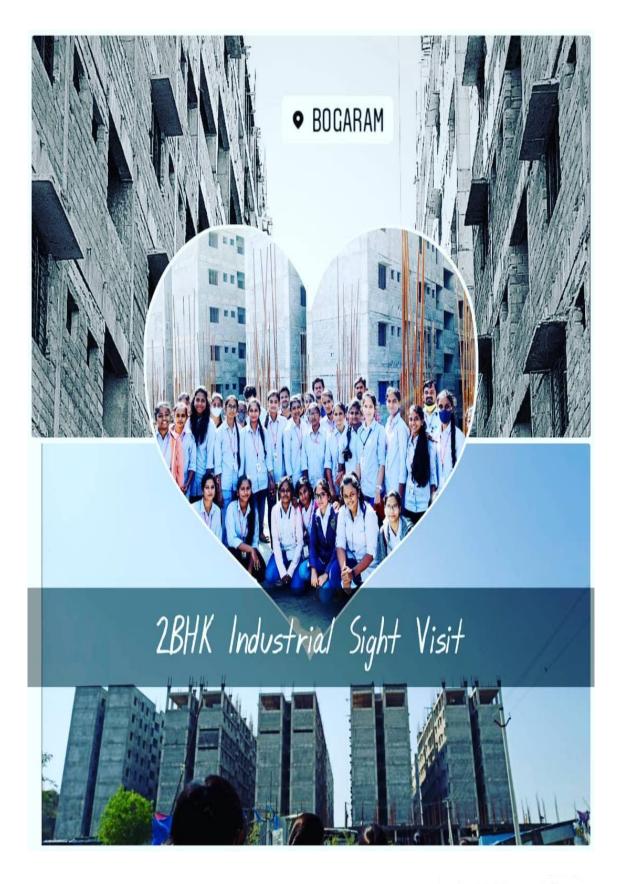
The Department of Civil Engineering organized an industrial visit to Building Construction Project, Bogaram, Medchal-Malkajgiri (D) 21/12/2021 & 22/12/2021. This visit was organized for the students of semester 03 & 05 of Civil Engineering Department. The visit was organized in two different sessions on 21/12/2021, total 46 students of Semester-03 & on 22/12/2021, total 66 students of Semester-05 of Civil Engineering Department were present at Visit place.

Four faculty members - N. Pavani, Assistant Professor, K. Geetha, Assistant Professor, M. Naresh, Assistant Professor and V. Sandeep, Assistant Professor were present with the students at the place of visit.

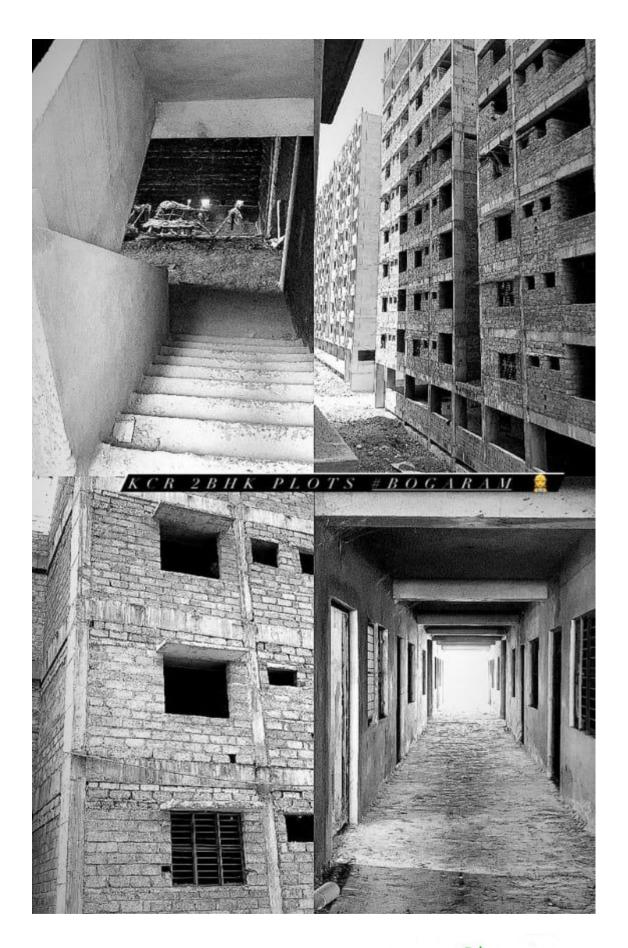
The students and faculty members were welcomed by Project Engineer of Construction site. He explains the Procedure of construction of various components of the building in detail. He also explained about the safety measures as well as precautions to be taken during the Whole period of construction Project. He explained the Procedure and importance of Formwork & Curing process adopted during construction. He further gave a detailed explanation to the students about the different types of building material used in construction and tests carried out on the building material before its use in construction.

Students were explained about the various equipments such as Concrete Mixer, Earth Excavation / moving equipments; bar bending Machine. He also explains the different stages of construction. The visit proved to be very much useful for the student for their future field Practice and satisfied the objectives as mentioned earlier.





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& TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V). Ghatkesar (M), Medchal Dist, T S-50008é



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Report on Industrial visit

## Central Power Research Institute (CPRI) On 05<sup>th</sup> OCTOBER, 2019



## **Department of Electrical and Electronics Engineering**

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN (Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad) Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri(D).TS-500088 Phone: 9394544566 / 6305324412 e-mail: princeton.principal2020@gmail.com JNTUH Code(6M) CIVIL-EEE-ECE-CSE-CSE(AI&ML)-CSE(DS)-CSE(CS) EAMCET Code- PETW 2019-2020

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PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V). (Shatkesar (M), Medchal Dist, T S-50008é

## **Central Power Research Institute (CPRI)**

From Central Power Research Institute Administrative Officer Medchal, Malkajgiri-501301 To The Principal Princeton Institute of Engg & tech for Women Ghatkesar (M), Medchal, Malkajgiri-501301.

Dear Sir,

Sub: Industrial visit by B.Tech students and faculty members – permission – Reg. Ref: Your mail / letter dated 31.08.2018

With reference to your letter dated 31.08.2018, seeking permission for industrial visit for your B.Tech students and faculties, permission is hereby accorded as stated below:

S	Sl. No	Allotted Date	Time	No. of batch(s)	Remarks
	1	05.10.2018	2.00 PM	2	One batch Approx.35 students

Terms and conditions:

- This Institute charges a nominal amount of Rs.1180/- per visit for maximum 35 students per batch, payable by the mode of Demand Draft in favour of CENTRAL POWER RESEARCH INSTITUTE, payable at Hyderabad or by ONLINE (Bank details attached) before commencement of the visit, for which receipt will be issued and subsequently the bill will be sent to you by post.
- 2) A List of students and staff members is to be submitted to our Security Section before the commencement of visit.
- 3) You are required to confirm availing the above allotted date(s) for the visit well in advance.

Principar PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V). Ghatkesar (M). Medchal Dist, T S-50008é Thanking you,

Mrs. A. Kalpana Assistant Engineer CPRI UHVRL Hyderabad We started on 05th Oct 2018 at 9.00 am with 70 students and 3 faculty members from Hyderabad, had delicious breakfast at Ghatkesar and reached Central Power Research institute at 10.00 am. We got permission for visiting to power generating station. After completing regular formalities from security we got clearance to visit power plant under the guidance of electrical Assistant Engineer Mrs. A. Kalpana We spent valuable time in knowing the actual working, control and synchronization of power Research with the grid.

After two hours, at 2.00pm we had appetizing lunch in nearby restaurant. We hurried to catch the last launch at 2.30 pm.

**Central Power Research Institute** (CPRI) is a research institute originally established by the Government of India in 1960, with headquarters in Bangalore. The Institute was reorganized into an Autonomous Society in the year 1978 under the aegis of the Ministry of Power, Government of India. The main objective of setting up the Institute is to serve as a national Level laboratory for undertaking applied research in electrical power engineering besides functioning as an independent national testing and certification authority for electrical equipment and components to ensure reliability in power systems and to innovate and develop new products.

### Testing and certification:

- Instrument Transformers
- Setting up 10kA Temperature Rise Test Facility.
- Test Facilities for Air-conditioners and Refrigerator.
- Automation of Tower Testing Station.
- Augmentation of Relay Testing laboratory

### **Convener:**

1. Mrs. G Sandhya Rani Assistant Professor/EEE

### **Coordinators:**

- 1. Mr. Narender. D, Assistant Professor/EEE
- 2. Mrs. P Pramada Kumari, Assistant Professor/EEE

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PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V). Ghatkesar (M), Medchal Dist, T S-50008é **Report on Industrial visit** 

### THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED (A Govt. of India Enterprise under Ministry of MSME) TECHNICAL SERVICES CENTRE On

8<sup>th</sup> SEPTEMBER, 2019

Department of Electronics and Communication Engineering



PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN (Approved by AICTE, New Delhi & Affiliated to JNTU Hyderabad) Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri(D).TS-500088 Phone: 9394544566 / 6305324412 e-mail: princeton.principal2020@gmail.com JNTUH Code(6M) CIVIL-EEE-ECE-CSE-CSE(AI&ML)-CSE(DS)-CSE(CS) EAMCET Code- PETW 2019-2020

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V). Ghatkesar (M), Medchal Dist, T S-50008é



### THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED ( A Govt. of India Enterprise) NSIC - TECHNICAL SERVICES CENTRE Kushaiguda, ECIL PO, HYDERABAD 500062 Ph: 040-27121422, 27126646, Fax: 27122303. EMail: <u>ntschy@nsic.co.in</u>

Date: 01/09/2019

To The principal, The Princeton institute of engineering and technology for women, Chowdaryguda (V), Ghatkesar (M), Medchal-Malkajgiri (D).TS-500088

Sub: Industrial visit by B.Tech students and faculty members - permission - Reg.

We would like to approve the industrial training that our organization's employee, K Harish Reddy, will be undertaking at Princeton women's College students and staff members. He has worked with us for 4 years and we are confident that he will be able to share a great deal from this experience. You may visit our organization on 08/09/2019.

Thank you for your time and cooperation.

Principar

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V). Ghatkesar (M), Medchal Dist, T S-50008é Sincerely,

(Rajesh Kumar Tripathi) General Manager (HR/L&D/Admn)

We started on 08th Sep 2019 at 9.30 am with 35 students and 3 faculty members from our college Hyderabad, had breakfast at Chengicherla and reached NSIC at 11.00 am. We got permission for visiting to organization. After completing regular formalities from security we got clearance to visit testing laboratory under the guidance of Assistant Engineer Mr. K Harish Reddy. We spent valuable time in knowing the actual working and how to provide integrated support services encompassing Marketing, Technology, Finance and other services.

We had learnt several software courses like MATLAB, multimedia. After two hours, at 3.00 P.M we had appetizing lunch in nearby restaurant.



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NSIC Technical Services Centre, Hyderabad is one of the Technical Services Centre of National Small Industries Corporation (NSIC), an ISO 9001:2015 certified Government of India Enterprise.

The Technical Services Centre, Hyderabad is serving MSME units by providing skilled & professional workforce through its training programs on demand driven, industry oriented courses in the fields like Mechanical Workshop, Information Technology, CAD/CAM & CNC, Multimedia, Electrical & Electronics, and Entrepreneurship Development. The curriculum of each training program is defined in such a way so as to give maximum practical exposure through practical training to the trainees.

#### **Skill Development & Services:**

NSIC provides technical support to MSMEs through 'NSIC Technical Services Centers' (NTSCs) and a number of TICs & LBIs spread across the country.

The range of technical services provided through these centers include skill development in Hi-Tech as well as conventional trades, material and product testing at our testing laboratories accredited by NABL / BIS, common facilities, energy audit, environment management etc.

#### **Material Testing Labs:**

NSIC, through its various testing laboratories accredited by NABL / BIS, provides material and product testing, energy audit, facilities, thus, enhancing their overall competitiveness. These Centres are equipped with the State of the Art indigenous equipments for carrying out performance and acceptance tests in the fields of chemical, material, electrical, motor & pumps, metallurgical etc.

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After knowing all about visit we returned at 4.30 pm

Convener:

2. Ms. D Anu Radha, Assistant Professor/ECE

Coordinators:

1. Mrs. N Vidya Assistant Professor/ECE 2 Mrs. V jyothi Assistant Professor/ECE

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PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V); Ghatkesar (M), Medchal Dist, T S-50008é

## INDUSTRIAL VISIT OF DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING TO INFOSYS

We started on 17th December 2019 at 9.00 am with 120 students and 6 faculty members from Narapally by College Bus, had delicious breakfast at Uppal and reached **INFOSYS** at 11.00 am. We got permission for visiting to **INFOSYS** Software Company. After completing regular formalities from security we got clearance to visit Company under the guidance of Senior Engineer Mrs. S. Bala Raju. We spent valuable time with the Infosys Engineers from different sections and known how to develop a digital ecosystem that senses & responds to the needs of all stakeholders.

**Infosys Limited is an Indian multinational information technology company** that provides business consulting, information technology and outsourcing services. The company was founded in Pune and is headquartered in Bangalore. Infosys is the second-largest Indian IT company, after Tata Consultancy Services, by 2020 revenue figures, and the 602nd largest public company in the world, according to the Forbes Global 2000 ranking. On 24 August 2021, Infosys became the fourth Indian company to reach \$100 billion in market capitalization. Infosys capitalizes on the rich experience of training hundreds of thousands of engineers at its Global Education Center, Mysore, since 2002. The Center trains new recruits, employees and leaders at its 162,000 sq. ft. campus by blending in-classroom with online learning.

Convener:

- 1. Dr. G Arul Dalton, Professor/CSE
- 2. Mrs. I. Swapna, Assistant Professor/CSE

Coordinators:

- 1. Mrs. K.Sony Assistant Professor/CSE
- 2 Mrs. M. Lalitha, Assistant Professor/CSE
- 3. Mr. K. Yakhoob, Assistant Professor/CSE
- 4. Mr. T. Kankaiah, Assistant Professor/CSE



PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V). Ghatkesar (M), Medchal Dist, T S-50008é



2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

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PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V), Shatkesar (M), Medchal Dist, T S-50008é



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# PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN



(Approved by AICTE, NewDelhi & Affiliated to JNTU Hyderabad) Chowdaryguda, Korremula (v), Ghatkesar (M). Medchal District, T.S. -500088

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IV B.TECH I SEM(2022-2023)

SEMINAR TOPICS - SECTION-B

SN		STUDENT NAME	SEMINAR TITLES
1	196M1A0567	VUDATHOLU SRAVANI	VoiceXML
2	196M1A0568	MASNAM SHALINI	Prescription Eyeglasses
3	196M1A0569	DASARI RAJITHA	Lamp Technology
4	196M1A0570	BEERAM KAVYA	
5	196M1A0572	BOINI UMADEVI	Eye Gaze Communication System
6	196M1A0573	REDDY	Cyberbullying Detection Facebook timeline
7	196M1A0574	ARIGE SHRUTHI	IDMA
8	196M1A0575	BARLA ARCHANA	
9	196M1A0577	PALURI SAI RAVALI	Virtual LAN Technology Smart Fabrics
10	196M1A0578	GAMPALA SATHVIKA	Voice Morphing
11	196M1A0579	BURRA SRUJANA	Data Soourity in Louis
12	196M1A0580	MEDABOINA JHANSI	Data Security in Local Network Big Data Technology
13	196M1A0581	REDDIMALLA MEGHANA	Probability Statistics 124
14	196M1A0582	BHUKYA SANDHYA	Probability Statistics and Numerical Techniques RAID
15	196M1A0583	MANDALA SHRUTHI	Ambiophonics
16	196M1A0584	BATTU AARTHIKA	
17	196M1A0585	ASODA MANASA	Digital Video Editing
18	196M1A0586	KADARI RESHMA	Synchronous Optical Networking Layer 3 Switching
19	196M1A0587	NEELAM LAXMI PRASANA	nfiniBand
20	196M1A0588	AVALA SWETHA REDDY	
21	196M1A0589	AHIRE ADITI	Steganography Packet Sniffers
22	196M1A0590	MAMIDI SNEHA REDDY	
23	196M1A0591	PEDAPUDI AKSHAYA SREE	Cryptography Technology System Software
24	196M1A0592	KALIMEKORLA VAISHNAVI	Humanoid Robot
25	196M1A0593	VIRABATHINI SRUTHI	X-Vision
26	196M1A0594	GODIVOINA SHRAVYA	Firewalls
27	196M1A0595	ARRAM SRILEKHA	
	196M1A0596	BOMBOTHULA ANURVINI	Introduction to the Internet Protocols
	196M1A0597	VANGA NITHISHA	Bio-inspired Networking
	196M1A0598	MANICHANDANA	BEOWULF Cluster
	196M1A0599	RAVULA PRAVANA	XML Encryption
2	196M1A05A0	TEERUPALLY UDAYA SRI	Security Features of ATM
3 1	196M1A05A1	SURNAR VYSHNAVI	Design And Analysis Of Algorithms
4 1	96M1A05A2	NADDI VINEETHA	Advanced Driver Assistance System (ADAS)
5 1	96M1A05A3	BEJAWADA BHAVANI	OpenRAN
1	96M1A05A4	PRAGATHI	Digital Scent Technology
<ul><li>1</li></ul>	96M1A05A5	RASALA HIMABINDU	Iris Scanning
1	96M1A05A6	DANIA FIRDOUS	Symbian Mobile Operating System
1	96M1A05B0	ZAREENA BEGUM	Motes
	96M1A05B3	NANDINI SOWMYA	Google Chrome Laptop or Chrome Book
	96M1A05B4		Wind-Reading Computer
	96M1A05B5		Distributed Interactive Virtual Environment
	96M1A05B6		Tustwolling Computing
		TANGELLAPALLI SIRISHA	Teleportation

-	2000		
45	206M5A0502	BOMMAGONI SRAVANI	Linux Kernel 2.6
46	206M5A0503	RAMAVATH POOJA	
47	206M5A0504	BODIGAM SWETHA	MemTable
48	206M5A0505	RAVVA NANDINI	Voice Browser
49	206M5A0506		Alternative Models Of Computation
50	206M5A0507	ANUGANTI MEGHANA	Diamond chip
51	206M5A0509	NERELLA SHIRISHA	Photonics Communications
52		NAGUNOORI ANUSHA	System in Package
53	206M5A0510	GODALLA SNEHALATHA	Neural Interfacing
	206M5A0511	VANARAJAN RAMYA	
54	206M5A0512	KOMIRE RUCHITHA	Multiple Access Control Protocol
55	206M5A0513	PRAJAPATI RINKU KUMARI	Synthetic Aperture Radar System
56	206M5A0514	THIGALA MANASA	WhatsApp
57	206M5A0515	PRATHYUSHA	5g Wireless System
58	206M5A0516		Touch screen
		WAGHMARE SHARANYA	Wireless Fidelity

Qu

Seminar Incharge

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Dr. G. ARUL DALTON, B.E., M.E. Ph.B Professor and Head Department of Computer Science Engineering Princeton Institute of Engineering and Tachnology for Women Hyderabad - 500088

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## PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN



(Approved by AICTE, NewDelhi & Affiliated to JNTU Hyderabad)

Chowdaryguda, Korremula (v), Ghatkesar (M). Medchal District, T.S. -500088

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## IV B.TECH I SEM(2022-2023)

### **SEMINAR TOPICS - SECTION-B**

SNO	H.T.NO	STUDENT NAME	SEMINAR TITLES
1	186M1A0539	KOMATI SANDHYA RAN	Artificial Intelligence
2	196M1A0501	SALE SRILATHA	Screenless Display
3	196M1A0502	PASUNURI ANKITHA	Li - Fi Technology
4	196M1A0503	GADHAM DIVYA	Microprocessor and Microcontrollers
5	196M1A0504	ERPULA MOUNIKA	Silverlight
6	196M1A0505	JANGAMGARI	Green Computing
7	196M1A0506	KONDA HARSHITHA	MANET
8	196M1A0507	BENKANTIWAR	Facility Layout Design through Genetic Algorithm
9	196M1A0508	NARLAPURAM ASHWINI	Tamper Resistance
10	196M1A0509	ALLURI SOUJANYA	iSCSI
11	196M1A0510	<b>BAJJURI MADHURI</b>	Wireless Networked Digital Devices
12	196M1A0511	<b>GURRAM PRAVALIKA</b>	3G-vs-WiFi Interferometric Modulator (IMOD)
13	196M1A0512	GADDAM RAMYA SRI	Free Space Laser Communications
14	196M1A0513	RATNAPUR MANISHA	Virtual Instrumentation
15	196M1A0514	PERLA INDU	Direct Memory Access
16	196M1A0515	BORANCHA MAMATHA	Smart Note Taker
17	196M1A0516	BANDA SINDHU	Computational Intelligence in Wireless Sensor Networks
18	196M1A0517	LAKAVATH MAMATHA	Fog Computing
19	196M1A0518	BOGI RISHIKA	Python Libraries for Data Science
20	196M1A0519	NUKALA ASHWINI	Software Reuse
21	196M1A0520	DOMMATI TEJASWINI	Google Project Loon
22	196M1A0522	MONDEDDULA	Dynamic Synchronous Transfer Mode
23	196M1A0523	BANOTH SINDHU	Cellular Neural Network
24	196M1A0524	KANDIKANTI MANASA	Li-Fi and MiFi
25	196M1A0525	JONNADA RANJANI DEVI	Jini Technology
·26	196M1A0526	THANGELLA YAMINI	Quantum Information Technology
27	196M1A0527	BORRA CHANDA	GSM
28	196M1A0528	CHINNALA AJANTHA	Delay Tolerant Networking
29	196M1A0529	BANDARI SRUJA SRI	Brain Chips
30	196M1A0530	KOYAGURA MADHAVI	Graphics Processing Unit (GPU)
31	196M1A0531	GUDEPU SHOBHA	Predictive Analysis
32	196M1A0532	ADUNURI MANASA	Cisco IOS Firewall
33	196M1A0533	NARSINGOJU DEVI	EyePhone
34	196M1A0534	AKKAPALLY POOJA	Keil C
35	196M1A0535	KALVAKUNTLA	Industrial Applications through Neural Networks
36	196M1A0536	CHILUVERI VANDANA	Helium Drives
37		NENAVATH SUJATHA	Holographic Memory
38	196M1A0539	SYED SAMEERA	Autonomic Computing
39	196M1A0540	GADAM SRIJA	Google Glass

40	196M1A0541	SINCIDID	
41	196M1A0542	SINGIDIDAMMANNAPET	Domain Name System(DSN)
42 ′	196M1A0543	SHAIK ANJUM	VESIT Librory A. L. MARKEN
43	196M1A0544	BELLAMKONDA	VESIT Library – Android Application
44	196M1A0545	CHITTIPROLU SANDHYA	Blockchain Technology
45	196M1A0545	PAWAR MEGHANA	Dynamic Memory Allocation TCP/ IP
46		NAYAKAM GREESHMA	
47	196M1A0547	THOTAKURI SHIRISHA	Internet of Things
48	196M1A0548	VEGULLA BHAVANA	Internet Telephony Policy in India
40	196M1A0549	VOGULAPU SUPRIVA	Smart Cards
	196M1A0551	KOLA SUSHMASRI	Night Vision Technology
50	196M1A0552	GASIKANTI SANDHYA	Smart Dust
51	196M1A0553	GONELA HEMA LATHA	DOS Attack
52	196M1A0554	KOYYED MANISHA	Futex
53	196M1A0555	GAPATLA AKANKSHA	Pervasive Computing
54	196M1A0558	SHEELAM SHILPA	Speed protocol processors
55	196M1A0559	MANGA SWETHA	Rain Technology Architecture
56	196M1A0560	KOLLUDIODAN	Code Division Duplexing
57	196M1A0561	GUNDALA DIVISION	Biometrics in SECURE e-transaction
58	10.0	MANDAUAW	Network Topology
59		AKSHINITIAA	Augmented Reality vs Virtual Reality
60	196M1A0564	BHUVYA GADY	DNA-Based Computing
61	196M1A0565	ZODADUDUNI	Bio-metrics
62	196M1A0566	RAMDENI COMPLEX	Transactional Memory Number Portabili

Seminar Incharge

tub 9 HOD

Dr. G. ARUL DALTON, B.E.M.E.Ph.9 Professor and Head Department of Computer Science Engineering Princeden Institute of Engineering and Technology for Women Hyderabad - 500088

PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V) Shothesati (T), Shothesa (S), S), OBe



PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad) Chowdaryguda (V), Ghatkesar (M), Medchal - Malkajgiri (D), T.S - 500088 DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING B. Tech IV Year I Semester

Seminar Evaluation Form

Class & Branch:	IV B. Tech & Computer C :	13.00
Subject Name:	IV B.Tech & Computer Science and Engineering Seminar	
Subject Code:	CS705PC	1
Roll Number:	196M1A0549	
Student Name:		
Seminar Title:		
Date of Presentation:	Night Vision Technology 02-11-2022	

S.No:	RUBRICS:	MARKS
	EVALUATION OF THE TECHNICAL REPORT (SEMINAR REPORT) (15 M)	MARKINS
	a, Punctuality in submission of report and discussion	
	b. Resources from which the seminar have been based	2/2
1	c. Report Submission	2/2
	d. Layout & content of Presentation	3/3
	e. Depth of the student knowledge in subject	3/3
	er bepar of the student knowledge in subject	515
	EVALUATION OF THE PRESENTATION (35 M)	15/15
	a. Contents	
	b. Delivery	10/10
2		10/10
	c. Relevance & interest the topic creates	4 /5
	d. Ability to involve the Spectators	5 15
	e. Question Answer Session	5 /5
3	TOTAL	34/35
	SUPERVISOR MARKS	20 /20
4	SENIOR FACULTY MARKS	15/15
5	ADMIN IN-CHARGE/ ACADEMIC IN-CHARGE/ HOD MARKS	15/15
	GRAND TOTAL	99/100

Additional Comments:

Seminar Supervisor

Signature of the Evaluator

Senior Faculty Member

7

Head of the Department

Principal PRINCETON INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN Chowdaryguda, Korremula (V) Ghatkesar (M). Medchal Dist. T S-50008+

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B. Tech IV Year I Semester

**Seminar Evaluation Form** 

Class & Branch:	IV B.Tech & Computer Science and Engineering	
Subject Name:	Seminar	
Subject Code:	CS705PC	
Roll Number:	196M1A0518	
Student Name:	Bogi Rishika	
Seminar Title:	Python Libraries for Data science	
Date of Presentation:	01 - 11 - 2022	

S.No:	RUBRICS:	MARKS:
	EVALUATION OF THE TECHNICAL REPORT (SEMINAR REPORT) (15 M)	)
	a, Punctuality in submission of report and discussion	2 12
	b. Resources from which the seminar have been based	2 /2
1	c. Report Submission	3 /3
	d. Layout & content of Presentation	3 /3
	e. Depth of the student knowledge in subject	5 /5
	TOTAL	15/15
	EVALUATION OF THE PRESENTATION (35 M)	
	a. Contents	10/10
	b. Delivery	10 /10
2	c. Relevance & interest the topic creates	5 /5
	d. Ability to involve the Spectators	5 /5
	e. Question Answer Session	4-15
	TOTAL	34/35
3	SUPERVISOR MARKS	
4	SENIOR FACULTY MARKS	20/20
5	ADMIN IN-CHARGE/ ACADEMIC IN-CHARGE/ HOD MARKS	15/15
	GRAND TOTAL	99/100

Additional Comments:

Seminar Supervisor

Signature of the Evaluator

Senior Faculty Member

Head of the Department

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## 2.3.1 Student centric methods, such as Experimental learning, Participative learning and problem solving methodologies are used for enhancing learning experiences:

- **b) Participative learning** 
  - I) Industrial Visit
  - **II)** Seminar done by the Students
  - **III)** Group Discussion
  - **IV)** Professional society activities (IETE)

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2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

b) Participative learning

**III)** Group Discussion

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### Department of Electronics and Communication Engineering Academic Year: 2021-22

Report on Group Discussion on "SIMPLE CPLD VS FPGA" B.Tech Year/Semester: IV/II

Timings: 11.20pm to 1.00pm Subject Name: VLSI DESIGN **Date:** 28/12/2022 **SUBJECT CODE:** EC603PC

ECE department conducted a group discussion on "Simple CPLD vs FPGA" for second year students. 45 members have participated in the event. This program was organized by the concerned faculty Mrs. P. Jyothi, Asst professor /Electronics and communication engineering.

The total strength was divided into 8 groups. The event was started with on introduction given by the concern faculty as the term "SIMPLE CPLD Vs FPGA" refers to the main difference between CPLD and FPGA is that the FPGA provides more logic resources and storage elements then CPLD.

An electronic circuit is a structure that consists of electronic component such as resistors, transistors etc. wires or traces help to connect all these components. An electric current passes through the components in an electric circuit. Two technologies that we can use to build electronic circuits are CPLD and FPGA.

During the session all the students were actively involved and gained knowledge about the above said topic. Marks were awarded out of 10 by the concern faculty and the best team was selected as the winner. This was done to motivate the students and make ready for the next challenge.

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### Department of Electronics and Communication Engineering Academic Year: 2021-22

### Report on Group Discussion on "SIMPLE CPLD VS FPGA" B.Tech Year/Semester: IV/II

Timings: 11.20pm to 1.00pm Subject Name: VLSI DESIGN **Date:** 28/12/2022 **SUBJECT CODE:** EC603PC

Sl. No	Hall ticket Number	Name of the student	Attendance
1	166M1A0457	PATTI NISHITHA	Р
2	176M1A0416	JAVVAJI MANJULA	А
3	186M1A0401	PODUDAPALLY RAVALI	Р
4	186M1A0402	SHAIK SAFIYA	Р
5	186M1A0404	THANDA AKHILA	Р
6	186M1A0405	GYARA SANGEETHA	Р
7	186M1A0406	LINGALA SREELEKHA	Р
8	186M1A0407	M MEGHANA	Р
9	186M1A0408	KUNCHAKURI SAI SRIJA	Р
10	186M1A0409	JAKKAU RUCHIITHA	Р
11	186M1A0410	GODISELA ANUGNA	А
12	186M1A0411	RASTHAPURAM RAMYA	Р
13	186M1A0412	KUNDUR HARINI	Р
14	186M1A0413	ERLAPALLY SHIRISHA	Р
15	186M1A0414	SWARGAM NANDINI	Р
16	186M1A0415	SHAIK REZWANA	Р
17	186M1A0416	ENUGA DIVYA	А
18	186M1A0417	RAVIPATI AMULYA	Р
19	186M1A0418	KANDHI BHAVITHA	Р
20	186M1A0419	MOUNIKA GANGAPURAM	Р
21	186M1A0420	GANJI LAXMIPRASANNA	Р
22	186M5A0402	ANDUGULA SHALINI	Р
23	186M5A0410	CHATHARLA NARMADA	Р
24	18C21A0403	CHEVUTONI PAVITHRA	А
25	18C21A0408	MOSALI SHYAMALA	Р
26	18C21A0416	TALLPELLI DURGAMADHURI	Р
27	18L75A0406	SRIRAMULA SRIVANI	Р
28	196M5A0401	TUPPARI SUSHMITHA	Р
29	196M5A0402	MADAGONI SWAPNA MADHURI	Р
30	196M5A0403	MEKALA MANASA	Р
31	196M5A0404	VADTHYA MAHESHWARI	Р
32	196M5A0405	MADDURI ANUSHA	Р

33	196M5A0406	MARTHA SUPRIYA	Р
34	196M5A0407	METHARI SANDYA	А
35	196M5A0408	RATHOD NAGMA	Р
36	196M5A0409	RAJAMURI BHAVANI	Р
37	196M5A0411	MOTE ASHWINI	Р
38	196M5A0412	VARA PRAGHNA SREE	Р
39	196M5A0413	KUCHANA SUSHMITHA	Р
40	196M5A0414	KAVERI SHILPA	Р
41	196M5A0415	TIMMAIAHPALLY SANDHYA	Р
+1	170101370413	RANI	1
42	196M5A0416	NIDADAVOLU LAVANYA	Р
43	196M5A0417	MIRZA MUBEENA	Р
44	196M5A0419	NEELA ANUSHA	Р
45	196M5A0420	KOMMALAPATI SUBHASHINI	Р
46	196M5A0421	YELIGETI MEENA	Р
47	196M5A0422	MADHAVI KUMARI SHARMA	Р
48	196M5A0423	KANNEM SWATHI	Р
49	196M5A0424	CHITLOJU MAMATHA	Р
50	106M5A0425	ALLAVARAPU SATHYA	Р
50	196M5A0425	LEKHA	ľ
51	196M5A0427	PALADHI SRIVANI	А

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### Department of Electronics and Communication Engineering Academic Year: 2021-22

### Report on Group Discussion on "SIMPLE CPLD VS FPGA" B.Tech Year/Semester: IV/II

**Timings:** 11.20pm to 1.00pm **Subject Name:** VLSI DESIGN **Date:** 28/12/2022 **SUBJECT CODE:** EC603PC

SI.No	Hall ticket Number	Name of the student	Marks
		Group-A	
1	166M1A0457	PATTI NISHITHA	9
2	186M1A0401	PODUDAPALLY RAVALI	9
3	186M1A0402	SHAIK SAFIYA	9
4	186M1A0404	THANDA AKHILA	9
5	186M1A0405	GYARA SANGEETHA	9
6	186M1A0406	LINGALA SREELEKHA	9
7	186M1A0407	M MEGHANA	9
8	186M1A0408	KUNCHAKURI SAI SRIJA	9
9	186M1A0409	JAKKAU RUCHIITHA	9
		Group-B	·
1	186M1A0411	RASTHAPURAM RAMYA	10
2	186M1A0412	KUNDUR HARINI	10
3	186M1A0413	ERLAPALLY SHIRISHA	10
4	186M1A0414	SWARGAM NANDINI	10
5	186M1A0415	SHAIK REZWANA	10
6	186M1A0417	RAVIPATI AMULYA	10
7	186M1A0418	KANDHI BHAVITHA	10
8	186M1A0419	MOUNIKA GANGAPURAM	10
9	186M1A0420	GANJI LAXMIPRASANNA	10
10	186M5A0402	ANDUGULA SHALINI	10
11	186M5A0410	CHATHARLA NARMADA	10
		Group-C	
1	18C21A0408	MOSALI SHYAMALA	8
2	18C21A0416	TALLPELLI DURGAMADHURI	8
3	18L75A0406	SRIRAMULA SRIVANI	8
4	196M5A0401	TUPPARI SUSHMITHA	8
5	196M5A0402	MADAGONI SWAPNA MADHURI	8
6	196M5A0403	MEKALA MANASA	8
7	196M5A0404	VADTHYA MAHESHWARI	8
8	196M5A0405	MADDURI ANUSHA	8

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9	196M5A0406	MARTHA SUPRIYA	8	
10	196M5A0408	RATHOD NAGMA	8	
Group-D				
1	196M5A0409	RAJAMURI BHAVANI	6	
2	196M5A0411	MOTE ASHWINI	6	
3	196M5A0412	VARA PRAGHNA SREE	6	
4	196M5A0413	KUCHANA SUSHMITHA	6	
5	196M5A0414	KAVERI SHILPA	6	
6	196M5A0415	TIMMAIAHPALLY SANDHYA RANI	6	
7	196M5A0416	NIDADAVOLU LAVANYA	6	
8	196M5A0417	MIRZA MUBEENA	6	
9	196M5A0419	NEELA ANUSHA	6	
10	196M5A0420	KOMMALAPATI SUBHASHINI	6	
Group-E				
1	196M5A0421	YELIGETI MEENA	7	
2	196M5A0422	MADHAVI KUMARI SHARMA	7	
3	196M5A0423	KANNEM SWATHI	7	
4	196M5A0424	CHITLOJU MAMATHA	7	
5	196M5A0425	ALLAVARAPU SATHYA LEKHA	7	

RESULT: after the analysis of student's performance in group discussion, the winner was announced by HOD: Group B

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## 2.3.1 Student centric methods, such as Experimental learning, Participative learning and problem solving methodologies are used for enhancing learning experiences:

- **b) Participative learning** 
  - I) Industrial Visit
  - **II)** Seminar done by the Students
  - **III)** Group Discussion
  - **IV)** Professional society activities (IETE)

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2.3.1. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

- b) Participative learning
  - **IV) Professional society activities (IETE)**

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### Professional society activities (IETE) Academic Year: 2021-22

### Seminar/webinar/training program organized by professional chapter

SI.No	Date	Name of the program	Resource person	No of students participated
1	16/09/2021	Webinar on "Python Programming	S.Md.Mujeeb, Assistant Professor, School of Technology, GITAM (Deemed to be University), Hyderabad	95
2	29/09/2021	Webinar on "Durability Assessment of Chemically Treated Natural Geotextiles for Ground Improvement".	Dr. G. Sachin Chakravarthy, (Ph.D Scholar) BITS Pilani, Hyderabad	72
3	30/09/2021	Webinar on "low power VLSI".	Raja Posupo, SR Software engineer in stridely Solutions	85
4	8/10/2021	Webinar on "e-Mobility"	Mr. M.Upender Reddy, Ph.D Scholer at VNIT, Nagpur	56

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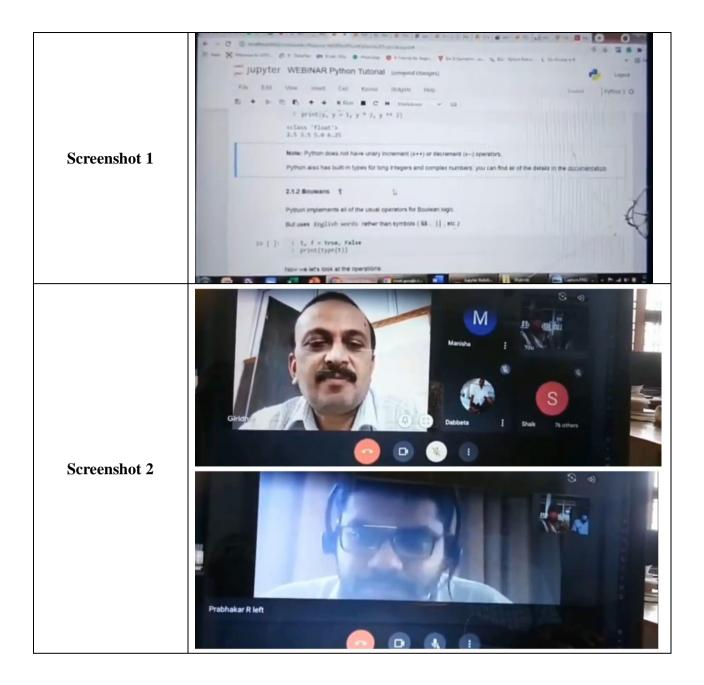


### **ACTIVITY REPORT**

Name of the Event	Webinar on "Python Programming	
Date of the Event	16/09/2021	
	Mr. T. Kanakaiah	
Coordinator(s)	Mrs. M Lalitha	
	Ms S. Vasavi	
Convener	Mrs. I SWAPNA, HOD/ CSE	
	S.Md.Mujeeb	
<b>Resource Persons</b>	Asst. Prof.,	
Resource r ersons	School of Technology,	
	GITAM (Deemed to be University), Hyderabad	
Google Meet link	http://meet.google.com/vef-zuti-ukc	
Organizing department	Computer Science and Engineering	
No. of Beneficiaries	95	
Description	Department of Computer Science and Engineering organizing A webinar on "Python Programming" scheduled on the below date for Teaching Staff. The main agenda of this webinar is to make an attempt at basic insights on technical writings for python programming. We hope and strongly believe that this webinar definitely will help out for teacher's career growth. The topics to be covered are attached herewith. Python is a computer programming language often used to build websites and software, automate tasks, and conduct data analysis. Python is a general-purpose language, meaning it can be used to create a variety of different programs and isn't specialized for any specific problems. This versatility, along with its beginner-friendliness, has made it one of the most-used programming languages. Python is commonly used for developing websites and software, task automation, data analysis, and data visualization. Since it's relatively easy to learn, Python has been adopted by many non-programmers such as accountants and scientists, for a variety of everyday tasks, like organizing finances. Resource person concluded that "Writing programs is a very creative and rewarding activity,"	

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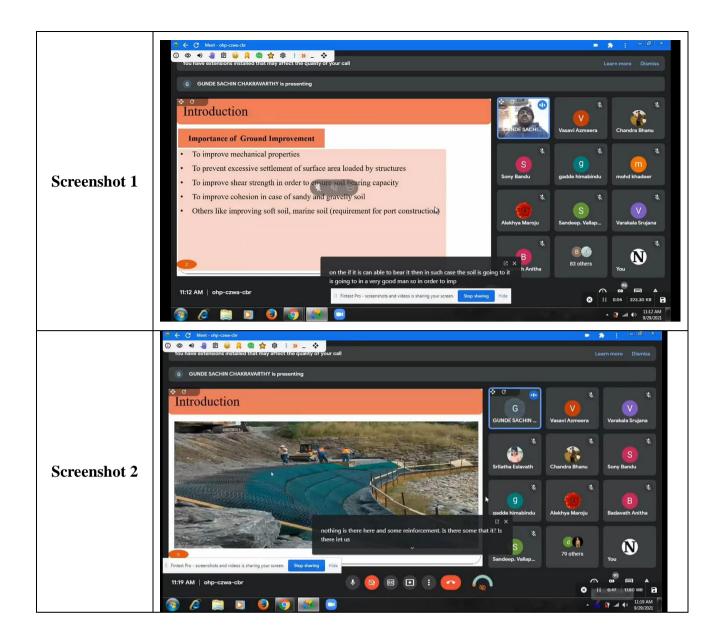


### **ACTIVITY REPORT**

Name of the	Webinar on "Durability Assessment of Chemically Treated Natural Geotextiles	
Event	for Ground Improvement".	
Date of the	29/09/2021	
Event		
	Mr. A Naresh Babu	
Coordinator(s)	Mr. V Sandeep	
	Ms K Geetha	
Convener	Mrs. N. PAVANI, HOD/ CIVIL	
D	Dr. G. Sachin Chakravarthy	
Resource Persons	(Ph.D Scholar)	
Persons	BITS Pilani Hyderabad	
Google Meet link	https://meet.google.com/ohp-czwa-cbr	
Organizing	Department of Civil Engineering	
department No. of		
No. 01 Beneficiaries	72	
Description	The Department of Civil Engineering is organizing Online Webinar on "Durability Assessment of Chemically Treated Natural Geotextiles for Ground Improvement". He explains how Coir (Cocos nucifera) is a natural fibre known to retain its strength and resist biodegradation far better than other industrial natural fibres. However, systematic studies in this discipline are scarce. Geotextiles are usually exposed to diverse pH, salinity, moisture, and microbial association conditions. The modified and unmodified Geotextiles were subjected to acidic, alkaline, and neutral pH conditions, saline conditions, alternate wetting and drying cycles, and thermal cycles for the assessment of their durability, measured in terms of tensile strength. In situ soil burial studies in a tropical climate were conducted in specially prepared soil to follow the biodegradation behaviour of Geotextiles at various depths. The surface-modified Geotextiles were found to resist adverse chemical, physical, and biological conditions much better than the unmodified Geotextiles. Alkaline conditions marginally accelerated the degradation rates when compared to acidic environments.	

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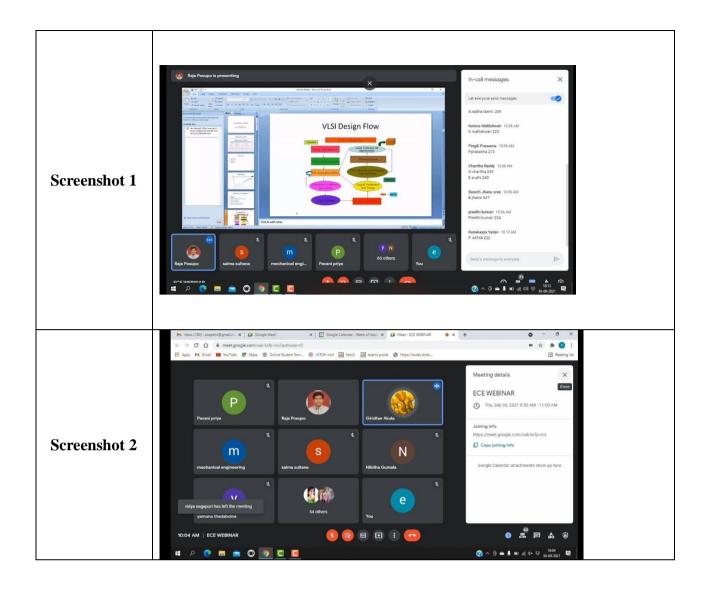
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### **ACTIVITY REPORT**

Name of the Event	Webinar on "low power VLSI".	
Date of the Event	30/09/2021	
Coordinator(s)	Ms. Alekhya M Mr. V. Srikanth Mr. S Chandra bhanu	
Convener	Mrs. N. Vidhya, HOD/ECE	
Resource	Raja Posupo	
Persons	SR software engineer in stridely solutions	
Google Meet link	https://meet.google.com/oak-kcfp-vcs	
Organizing department	Department of Electronics & Communication Engineering	
No. of Beneficiaries	85	
Description	The Department of Electronics & Communication Engineering is organizing Online Webinar on "low power VLSI". Need for Low Power Circuit Design: The increasing prominence of portable systems and the need to limit power consumption (and hence, heat dissipation) in very-high density ULSI chips have led to rapid and innovative developments in low-power design during the recent years. The driving forces behind these developments are portable applications requiring low power dissipation and high throughput, such as notebook computers, portable communication devices and personal digital assistants (PDAs). In most of these cases, the requirements of low power consumption must be met along with equally demanding goals of high chip density and high throughput. Hence, low-power design of digital integrated circuits has emerged as a very active and rapidly developing field of CMOS design.	

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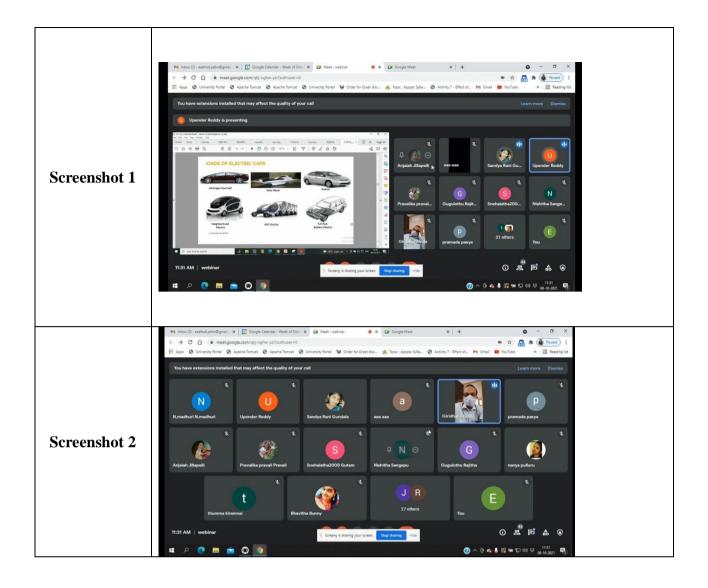
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### **ACTIVITY REPORT**

Name of the Event	Webinar on "e-Mobility"	
Date of the Event	08/10/2021	
Coordinator(s)	Mrs. Pramada Kumari Mr. Narender	
Convener	Mrs. G Sandhya Rani, HOD/EEE	
Resource Persons	Mr. M. Upender Reddy Ph. D Scholer at VNIT, Nagpur	
Google Meet link	https://meet.google.com/qkj-nghw-yzi	
Organizing department	Department of Electronics & Communication Engineering	
No. of Beneficiaries	56	
Description	Department of Electrical & Electronics Engineering, is organizing an online Webinar on "e-Mobility" on 8th October 2021 <b>Electro mobility</b> (or <b>e-Mobility</b> ) represents the concept of using electric power train technologies, in-vehicle information, and communication technologies and connected infrastructures to enable the electric propulsion of vehicles and fleets. Power train technologies include full electric vehicles and plug-in hybrids, as well as hydrogen fuel cell vehicles that convert hydrogen into electricity. e-Mobility efforts are motivated by the need to address corporate fuel efficiency and emission requirements, as well as market demands for lower operational costs.	

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