



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC)
Sangivalasa - 531 162, Bheemunipatnam (Mandal), Visakhapatnam (District)
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Details of professional development / administrative training programs organized by the institution for teaching and non teaching staff A.Y 2020-21

S.No	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	Duration	No. of participants
1		A Two-day workshop on "8051 microcontroller Programming with Keil software"	23-11-2021 to 24-11-2021	6
2	Faculty orientation programme on Educational ROBOTICS		28-01-2021	23
3	FDP on "Control aspects of Industrial Electrical System"		15-12-2020 to 19-12-2020	15
4		Training Program on Python	18-01-2021	6
5	STTP on Failure and Damage Mechanics of High Performance Materials (Phase I)		13-07-2020 to 18-07-2020	401
6	STTP on Failure and Damage Mechanics of High Performance Materials (Phase II)		10-08-2020 to 15-08-2020	186
7	STTP on Failure and Damage Mechanics of High Performance Materials (Phase III)		14-09-2020 to 19-09-2020	118
8	STTP on Failure and Damage Mechanics of High Performance Materials (Phase IV)		12-10-2020 to 17-10-2020	136
9		A two day training programme on "MS office tools"	23-11-2020 to 24-11-2020	13
10	Professional development program on E Tabs		30-03-2021	10
11	Analysis Using Gas Chromatography		20-11-2020 to 21-11-2020	10
12		Operation of Gas Chromatography	21-11-2020	2

13	AICTE-ISTE Sponsored One Week Refresher/Induction Programme on Intelligent Learning (Phase-I)		17-02-2021 to 23-02-2021	131
14	AICTE-ISTE Sponsored One Week Refresher/Induction Programme on Intelligent Learning (Phase-II)		18-03-2021 to 24-03-2021	183
15	AICTE-ISTE Sponsored One Week Refresher/Induction Programme on Intelligent Learning (Phase-III)		29-04-2021 to 05-05-2021	106
16		One Day Professional development program on Installation, Working and applications of Spot Welding Machine	13-02-2021	10
17	A 5Day National Level FDP on Opportunities and Challenges in Next-Generation Semi conductor Devices		16-06-2020 to 20-06-2020	523
18	Faculty Training Program on Skill Development of Reserach		24-12-2020 To 29-12-2020	28
19	Two day Workshop on Reforms in assessment Process		13-03-2021and 27-03-2021	45
20	Webinar on The art of Research Paper writing		27-04-2021	87
21		Workshop on "Inter-personal skills and Effective communication"	28-01-2021 to 29-01-2021	10
22	STTP on Privacy and Security in IoT(Phase-I)		27-07-2020 to 1-8-2020	87
23	STTP on Privacy and Security in IoT(Phase-II)		5-10-2020 to 10-10-2020	239
24	Python Programming through Infytq		27-03-2021	22
25				
26	Online FDP on Video Tutorial Education and Online Assessment		25-06-2020 to 05-07-2020	153
27		Training programme on Basics of MS Office	29-03-2021	4

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Convener IQAC

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

16-11-2020

This is informed to all the non-teaching staff that a Two-day workshop on 8051 microcontroller Programming with Keil software is being organized by the department of ECE from 23-11-2020 to 24-11-2020. The details of the session for two days are as follows.

S.No	Date	Time	Topic	Resource Person
1	23-11-2020	9 AM to 12 PM	Introduction to 8051 microcontroller, architecture of 8051 microcontroller.	Dr.P. Murugapandiyan Associate Professor/ECE, ANITS.
2	23-11-2020	1 PM to 3 PM	Timers/counter, serial communication ports of 8051.	Dr.P. Murugapandiyan Associate Professor/ECE, ANITS.
3	24-11-2020	9 AM to 12 PM	Introduction to keil software and assembly language program simulation using Keil software.	Dr.P. Murugapandiyan Associate Professor/ECE, ANITS.
4	24-11-2020	1 PM to 3 PM	Programming of Timers/Counters, Serial communication, display interfacing with 8051 microcontroller.	Dr.P. Murugapandiyan Associate Professor/ECE, ANITS.

Venue: Simulation Lab

Dr.V.Rajya Lakshmi

Prof & Head ECE

To

Notice board and All Technical Assistants All Non-teaching staff

Head of the Department
Department of ECE

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Convener, IQAC
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A Two day workshop on
A Two-day workshop on "8051 microcontroller Programming
with Keil software"

23rd and 24th November, 2020

Organised by
Department of Electronics and Communication Engineering

Anil Neerukonda Institute of Technology and Sciences

Coordinator

Dr.P.Murugapandiyan

R. Seetha
Convener, IQAC
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Convenor

Dr. V. Rajya Lakshmi
Prof & Head, ECE

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Department of Electronics and Communication Engineering

A Two-day workshop on "8051 microcontroller Programming with Keil software"

Date: 23/11/2020 and 24/11/2020

Learning Objectives:

1. To Give an understanding about the concepts and basic architecture of 8051.
2. To Provide an overview of 8051 microcontroller programming for various I/O operation.
3. To Provide an overview of I/O devices interfacing 8051 microcontroller and simulate using Keil/Proteus software.

Learning Outcomes:

At the end of the workshop, the participants are able to

1. Analyze the data transfer information through serial & parallel ports.
2. Develop an assembly language program for Timers/Counters, and serial ports of 8051 microcontroller and simulate using Keil software.
3. Develop an assembly language program for I/O devices interfacing with microcontroller and simulate using Keil/Proteus software.

Dr.V.Rajya Lakshmi

Professor & HOD, ECE

Head of the Department

Department of ECE

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Coordinator

Dr.P. Murugapandiyam

Associate Professor/ECE

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A Two-day workshop on “8051 microcontroller Programming with Keil software”

REPORT

A 2-day workshop on “a Two-day workshop on 8051 microcontroller Programming with Keil software” is organized by the department of ECE during 23rd and 24th November 2020 for technical staff and 8 members had participated.

Session Details

S.No	Date	Time	Topic	Resource Person
1	23-11-2020	9 AM to 12 PM	Introduction to 8051 microcontroller, and architecture of 8051 microcontroller.	Dr. P. Murugapandiyan
2	23-11-2020	1 PM to 3 PM	Timers/counter, serial communication ports of 8051.	Dr. P. Murugapandiyan
3	24-11-2020	9 AM to 12 PM	Introduction to Keil software and assembly language program simulation using Keil software.	Dr. P. Murugapandiyan
4	24-11-2020	1 PM to 3 PM	Programming of Timers/Counters, Serial communication, display interfacing with 8051 microcontroller.	Dr. P. Murugapandiyan

DAY 1 :

Day 1 started with basics of 8051 microcontroller architecture. Dr.P. Murugapandiyan explained the Basics of 8051 microcontroller architecture, pin details, timers/counters, serial communication. 8051 microcontroller is designed by Intel in 1981. It is an 8-bit microcontroller. It is built with 40 pins DIP (dual inline package), 4kb of ROM storage and 128 bytes of RAM storage, 2 16-bit timers. It consists of are four parallel 8-bit ports, which are programmable as well as addressable as per the requirement. An on-chip crystal oscillator is integrated in the microcontroller having crystal frequency of 12 MHz. 8051 microcontrollers have 4 I/O ports

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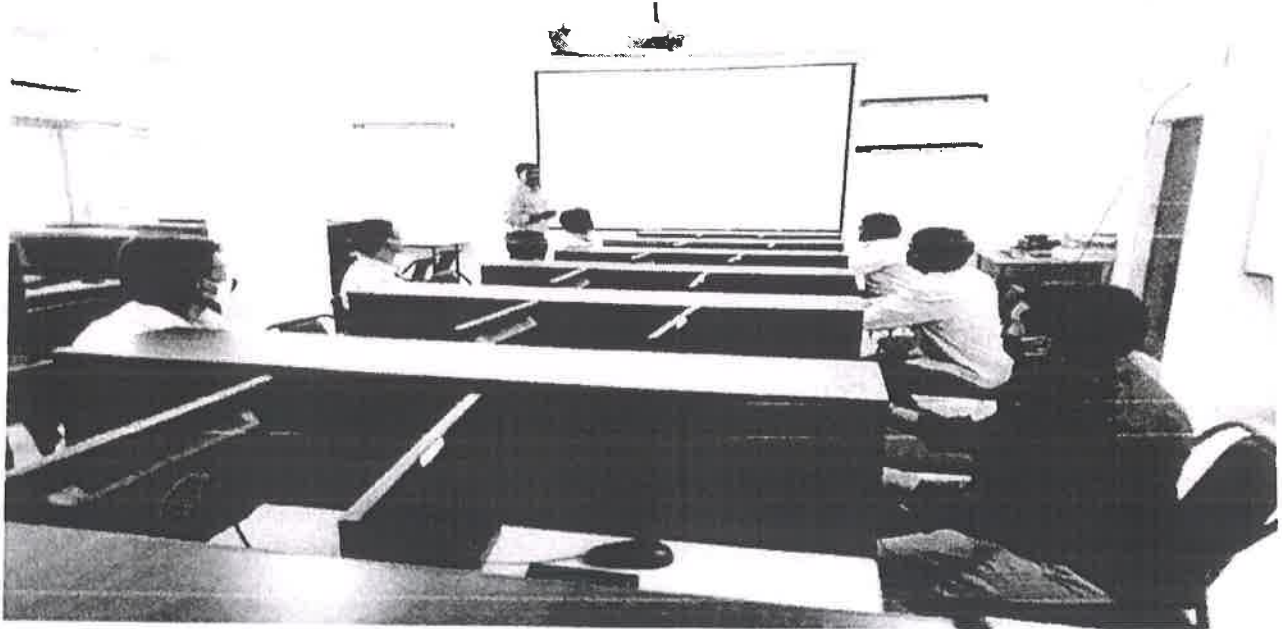
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each of 8-bit, which can be configured as input or output. Hence, total 32 input/output pins allow the microcontroller to be connected with the peripheral devices.



Outcomes:

By end of the day 1, the participants are acquired knowledge about 8051 microcontroller architecture, bus architecture, and pin details.

DAY 2:

Day 2 started with introduction to Keil software and its applications to develop embedded systems. Basic assembly language program simulation carried out by using Keil software. Then the timer/counter, serial communication, interfacing of I/O devices with 8051 microcontroller programming are explained and demonstrated using Keil software.

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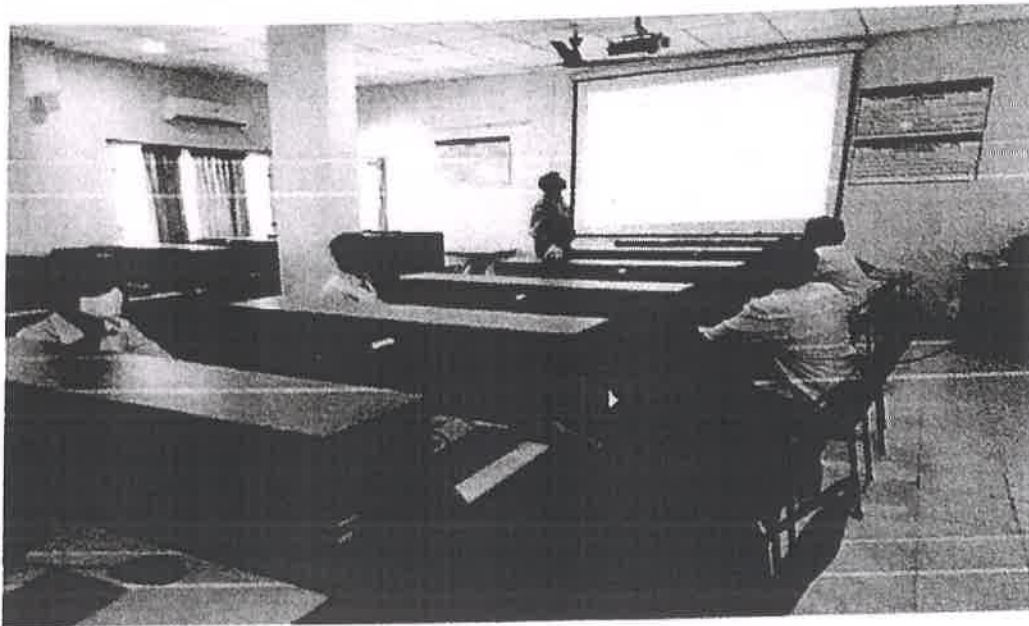
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Outcomes:

By end of the day 2, the participants are acquired the knowledge about 8051 microcontroller programming and simulation using Keil software.

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Dr.V.Rajya Lakshmi

Professor & HOD, ECE

Head of the Department

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A Two-day workshop on "8051 microcontroller Programming with Keil software"

List of Participants Signature Sheet

Date : 23-11-2020

S.NO	Name	Mail ID	Signature
1.	S.S.Krupakar	Krupakar.s.s@anits.edu.in	
2.	K.V.Varma	K.v.varma@anits.edu.in	
3.	P.V.Ramana	venkatala.pavanaraj@gmail.com	P.V.Ramana
4.	K.Srinu	Srinukaregani.OT@gmail.com	K.Srinu
5.	K.Srinivas Rao	Kolusu.srinivasa@gmail.com	K.Srinivas Rao
6.	P.Kumara swamy	P.kumaraswamy@anits.edu.in	

Dr. V. Rajya Lakshmi

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Head of the Department
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A Two-day workshop on "8051 microcontroller Programming with Keil software"

List of Participants Signature Sheet

Date: 24-11-2020

S.NO	Name	Mail ID	Signature
1.	S.S.Krupakar	Krupakar_scc@anits.edu	
2.	K.V.Varma	kukuluvaraman@gmail.com	
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4.	K.Srinu	Srinukaragani07@gmail.com	
5.	K.Srinivas Rao	K.Srinivasrao@gmail.com	
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Department of Electronics and Communication Engineering

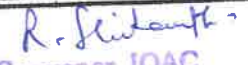


A Two-day workshop on “8051 microcontroller Programming with Keil software” Certificate of Participation

This is to certify that Mr. P. Venkata Ramana, Technical Assistant, Department of ECE, ANITS has Participated in the A Two-day workshop on “8051 microcontroller Programming with Keil software” Organized by Department of ECE–ANITS on 23rd and 24th Nov, 2020.


Prof. T. Hanumantha Rao
Principal, ANITS


Dr. V. Rajyalakshmi
HoD-ECE, ANITS


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

21.01.2021

A Faculty Orientation Programme on Educational ROBOTICS is arranged for ECE faculty on 28/1/2021. The program is conducted by Dr. G. Prasanna, Asst. Professor. ECE . In this regard, All faculty are invited to participate in the program and familiarize themselves with field of educational robotics.

Venue: Department Seminar Hall

Time: 12:00 PM to 01:30 PM



Dr. V. Rajya Lakshmi,
HOD, ECE.

**Head of the Department
Department of ECE
Anil Neerukonda Institute of Technology & Sciences
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To:

- 1) Faculty of ECE
- 2) FDP File


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“Faculty Orientation on Educational Robots”

28th January, 2021

**Organised by
Department of Electronics and Communication Engineering**

Anil Neerukonda Institute of Technology and Sciences

Coordinator

**Dr.G.Prasanna
Assistant Professor/ECE
ANITS**

R. Sridhar
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Convenor

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Department of Electronics and Communication Engineering

Faculty Orientation on Educational Robotics

Date: 28/01/2021

Learning Objectives:

1. To Give an understanding about the basic architecture of an Arduino based Educational robotic platform.
2. To Provide an overview of Remote manual operation using Bluetooth connectivity.
3. To Provide an overview of Sensor operations in the robot and coding the robot using a block programming language LoFi.

Learning Outcomes:

At the end of the workshop, the participants are able to


1. Design an Educational robotic platform from preliminary specifications.
2. Implement an Arduino and HC-05 based Bluetooth connectivity and controllability feature for a mobile robot.
3. Develop codes in the LoFi blocks coding language for autonomous navigation and tasks assigned for the robot.

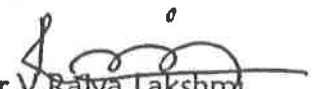


Coordinator

Dr.G. Prasanna

Assistant Professor/ECE


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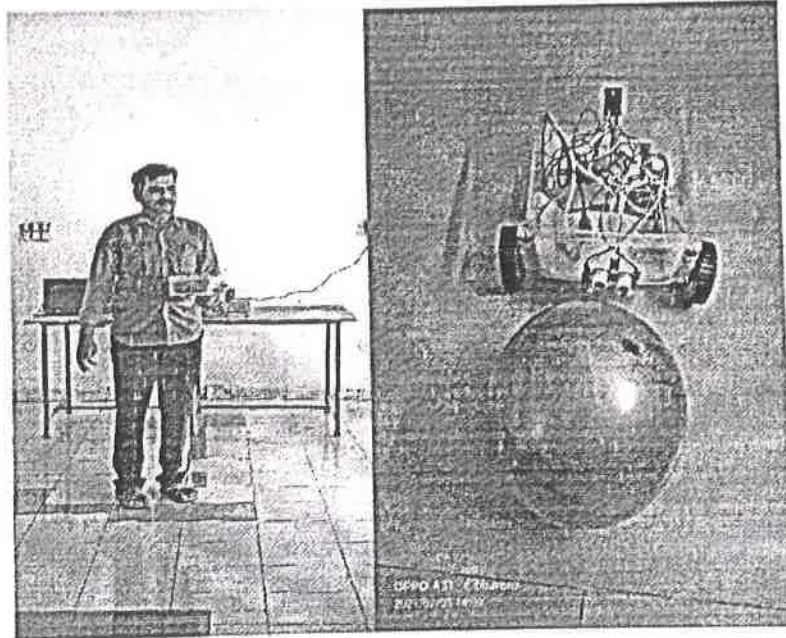
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(AY: 2020-2021)

Faculty Orientation Program on Educational Robotics

(28/01/2021)

– A Report

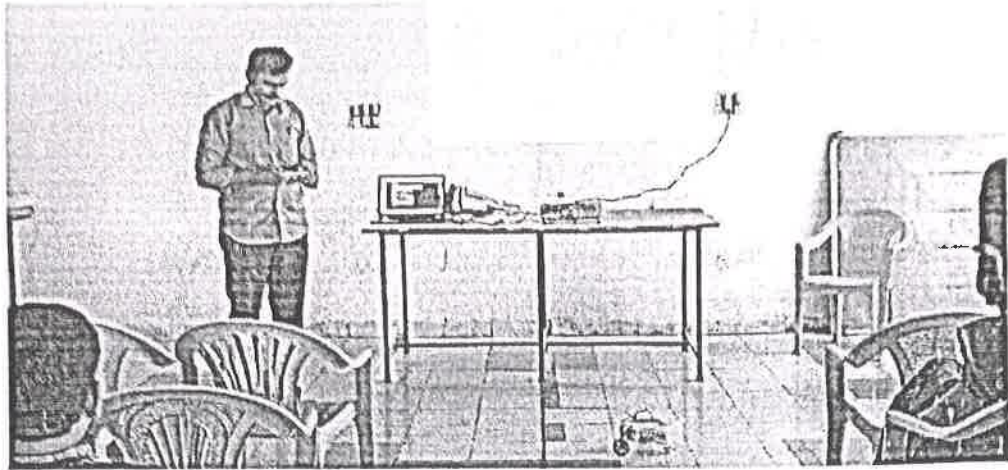
The Faculty orientation program on Educational robotics was conducted as a precursor to the orientation programme 2021. The session was conducted by, Dr. G. Prasanna on 29th JAN 2021 in the ECE dept seminar hall. From 12 noon to 1 pm, the session consisted of two modules namely robot-ball game, and robot coding.



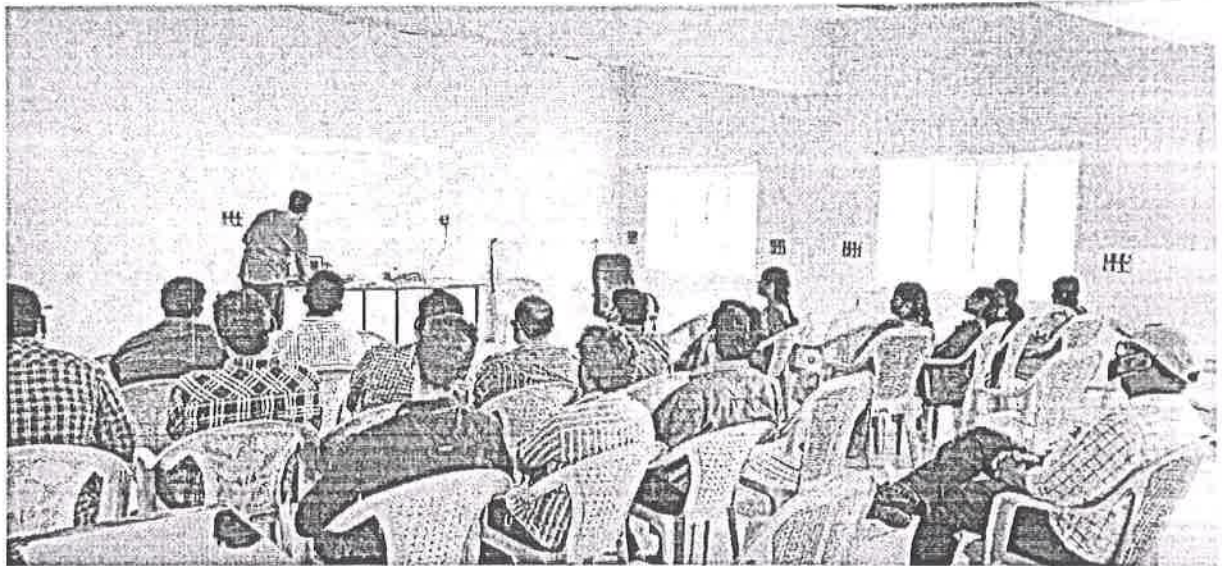
In the first module, the faculty were made to involve themselves in a game where they are asked to maneuver a robot to bring a ball placed at the opposite end of the hall to a specified position. The control of the robot's movements was done through Bluetooth by using an android phone.

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The control is done by both a joystick type app as well as an accelerometer-based app. The faculty were split into two teams and the team taking the least amount of time to bring the ball to the specified position was declared the winner. Both the teams were able to perform the task in about 4 minutes. In this module the faculty experientially learned the dynamics of robot movements.

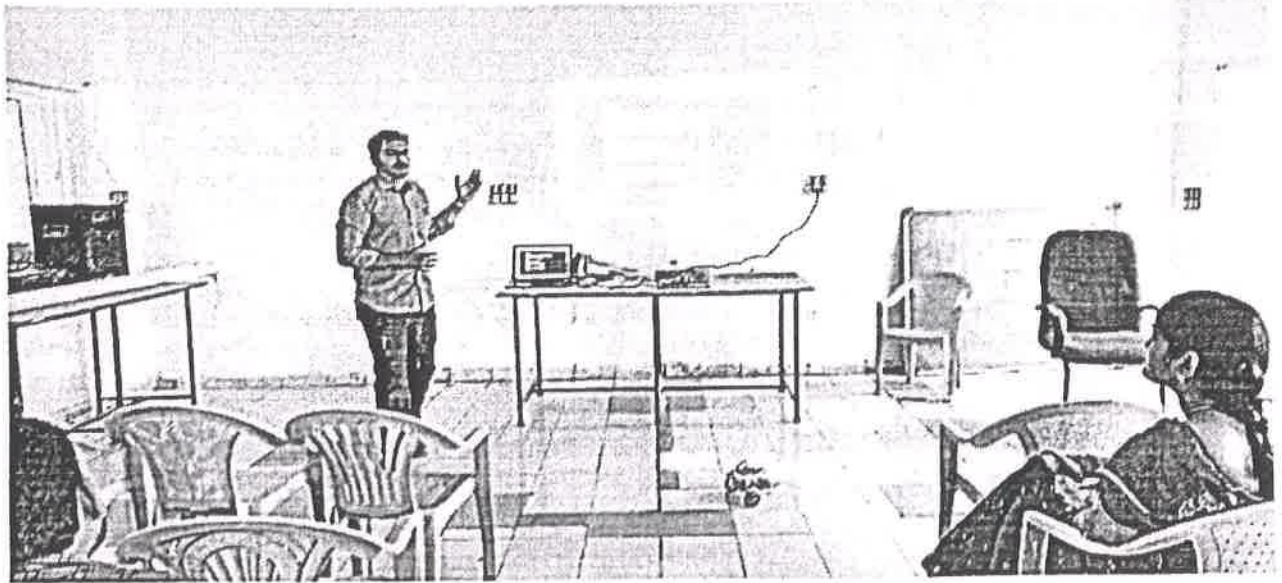


In the second module, the faculty were taught how to build/ prototype a robot from basic components available commercially to build an educational robot. They were introduced to the sensor modules controlling the robot, namely, the IR sensors, The LDR light intensity sensor and the ultrasonic range sensor. They were also taught about the actuator part of the robot which in this case was just the Geared DC motor. They were also given some tips on the structural design considerations and the power considerations while making a robot. The main controller of the robot used was an Arduino controller, hence, the faculty were also given information about

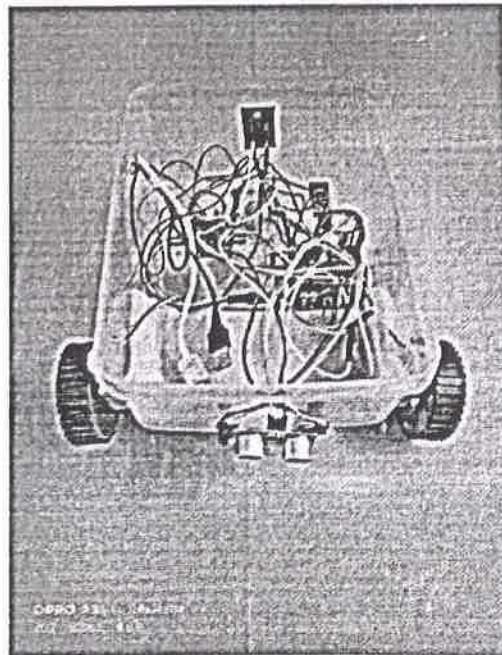
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Arduino and the related open-source hardware platforms. Online links were provided which contain detailed Do-it-yourself type information on basic robotics.



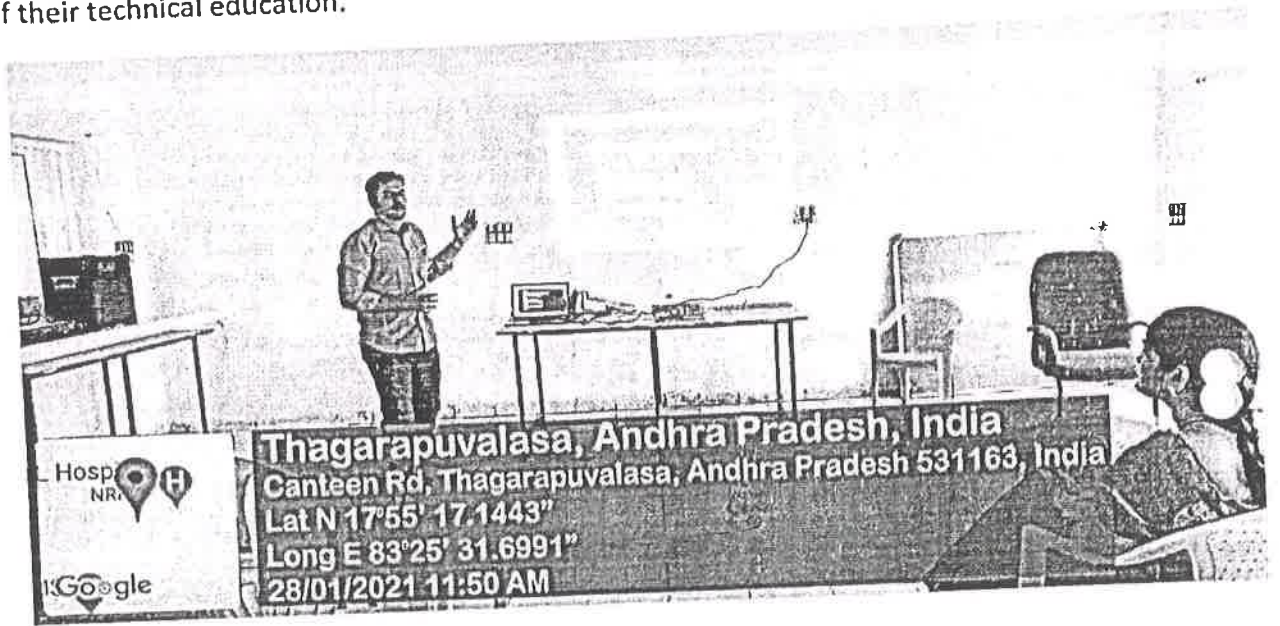
The coding part consisted of making the faculty learn about a block-based online coding environment known as LOFI blocks. Although this environment is not an industry standard, it gives the faculty a feel of the type of coding involved when designing and developing robots. Faculty were encouraged to collaboratively develop codes for some basic manoeuvres of the robot like, obstacle avoidance, light based guidance, and line following. It is pertinent to note here that the coding part is distinct from the game module in that the robot is now made to act with autonomy instead of manual control.



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The Faculty orientation on robotics was conducted with an intention to stress the importance of multidisciplinary thinking, which is a much sought-after skill in recent times. The fields of robotics and coding can enable faculty to foster these skills in students at the beginning stage of their technical education.



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Coordinators:
Dr. G. Prasanna
Assistant Professor/ECE,
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Prof and Head/ECE,
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Faculty Orientation Program on Educational Robotics (28/01/2021)

ATTENDANCE SHEET

Sl. No.	Name of the Faculty	Signature
1.	A. Siva Kumar	
2.	P. Murugapandyan	
3.	P. Dewi	
4.	A. Lalitha Nalayaana	
5.	D. Anil Prasad	
6.	J. Rhasallan	
7.	B. Chandra Mohan	
8.	Vijay Kumar Sahu	
9.	V. Vijay Kumar Raja	
10.	P. Devi Ranjith	
11.	M. N. S. Naidu	
12.	R. Claude Suresh	
13.	P. Chaya Devi	
14.	P. S. M. V. Kesava	
15.	P. Jena	
16.	K. Yashoda	
17.	D. Nagamani	
18.	Ch. Anusha	
19.	Nitin Kumar	
20.	Dr. B. Soma Sekhar	
21.	Dr. S. Srinivas	
22.	Dr. K. V. Gowri Srinivas	
23.	N. Ram Kumar	

Coordinators:

 Dr. G. Prasanna
 Assistant Professor/ECE,
 ANITS.

Convener

 Dr. V. Rajyalakshmi,
 Prof and Head/ECE,
 ANITS,
 Head of the Department
 Department of ECE
 Anil Neerukonda Institute of Technology & Sciences
 Sangivalasa-531 162

Convener, IQAC
 Anil Neerukonda Institute of
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 Sangivalasa-531 162
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Principal
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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(Affiliated to AU, Approved by AICTE & Accredited by NBA)

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Phone: 08933- 225084,226395

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(AY: 2020-2021)

Faculty Orientation Program on Educational Robotics

(28/01/2021)

– Impact Analysis

At the end of this to 1 hour program on “Faculty orientation program on Educational Robotics” the participants acquired knowledge in the following domains

- The faculty were introduced to prototype an inexpensive robot for educational purposes. They were introduced to the sensor modules controlling the robot, namely, the IR sensors, The LDR light intensity sensor and the ultrasonic range sensor.
- They were also given some tips on the structural design considerations and the power considerations while making an inexpensive robot suitable for a teaching -learning process
- During the session the faculty were briefed about a block-based online coding environment known as LOFI blocks.
- Faculty were encouraged to collaboratively develop codes for some basic manoeuvres of the robot like, obstacle avoidance, light based guidance, and line following.

Coordinators:

Dr. G. Prasanna
Assistant Professor/ECE,
ANITS.

R. Seibanth.
Convener, IQAC
Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.

Convener

Dr.V.Rajyalakshmi,
Prof and Head/ECE,
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Bheemunipatnam Mandal Visakhapatnam District Phone: 08933-225083/84/87 Fax: 226395

www.anits.edu.in

Email: hod_eee@anits.edu.in

DEPARTMENT OF ELECTRICAL & ELECTRONICS

CIRCULAR

Date: 05-12-2020

This is to bring to your kind notice that EEE department is planned to organize a 5-day Faculty Development program on "Control Aspects of Industrial Electrical Systems" as per the following schedule.

All the staff members of EEE are hereby informed that you have to participate in the program.

Date	: 15-12-2020 to 19-12-2020
Time	: 11 A.M. to 12:30 P.M.
Venue	: google meet online

Thanking You,

Mr. L. Vijay
(Coordinator)

Dr. G. Raja Rao
Head of the Department
Professor & Head of EEE.
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sangivalasa,
Visakhapatnam-531 162

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Visakhapatnam Dist.



Department of Electrical and Electronics Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY &
SCIENCES (ANITS)
(UGC AUTONOMOUS)
(Permanently affiliated to Andhra University, Approved by AICTE, Accredited by
NBA & NAAC with 'A' Grade)
VISAKHAPATNAM
Website: www.anits.edu.in



It gives us immense pleasure to announce that the Department of Electrical and Electronics Engineering, ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (ANITS), Visakhapatnam has organizing 5-day FDP on "Control Aspects of Industrial Electrical Systems".

The aim of the FDP is to provide the present challenges in various industrial control aspects in thermal, hydro power plants, steel and oil industry. Also, it covers electrical vehicle control technologies. The program aims to enhance the knowledge of the faculty community towards the operational, planning and protection aspects of industrial electrical systems.

S.No	Date	Resource person	Affiliation	Topic
1	15-12-2020	Mr. A. Kiran Kumar	DGM, RINL	Process automation in steel industry
2	16-12-2020	Mr. V. Dayal Saran	DGM, NTPC	Planning and design aspects of hydro power plants
3	17-12-2020	Mr. Mohammed Rafi	SE, ONGC	Protection of industrial power supply systems
4	18-12-2020	Mr. Ch. Sriprakash	SE, APGENCO	Switchgear control applications in power plant/industry
5	19-12-2020	Dr. D. Raveendhra	CTO, Zunik Energies	Wide bandgap power semiconductor devices for electrical vehicles

Event Dates: Tuesday to Saturday, 15th to 19th Dec 2020, 11:00am to 12:30 pm

FDP Mode: Google meet

Registration & Certification is Free.

E-Certificate will be provided on successful participation and completion of FDP.

Who can attend: EEE faculty and PhD scholars

Registration Link: <https://forms.gle/pvLWmJHeKCAtbqUC8>

FDP Meeting ID: meet.google.com/ziy-mmgu-qyr

NOTE: Please Provide Email ID and WHATSAPP Mobile No. at the time of Registration

For any queries, please contact coordinators:

Dr. V. Murali
Associate Professor
9949867976
Email: murali.eee@anits.edu.in

Mr. L. Vijay
Assistant Professor
9154897903
Email: vijay.eee@anits.edu.in

Convenor,

Prof. G. Raja Rao.
Head of EEE Department.

Prof. T. V. Hanumantha Rao
Principal, ANITS, Visakhapatnam.

R. Seidantha
Convenor, IQAC
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Visakhapatnam Dist.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

Autonomous status accorded by UGC and Andhra University
Approved by AICTE, Permanently Affiliated to Andhra University
Accredited by NBA (IT,CSE,EEE,ECE, and Mech) & accredited by NAAC with "A" Grade
Sangivalasa - 531162, Bheemunipatnam (Mandal), Visakhapatnam (Dist.)
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Email: principal@anits.edu.in

COLLEGE CODE - ANIL



Academic Year 2020-2021

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Report of Faculty Development Program on "Control Aspects of Industrial Electrical Systems" on 15/12/2020

ziy-mmgu-qyr (2020-12-19 at 00:35 GMT-8)

Power Stacks [8]

The diagram illustrates the components and applications of power stacks. On the left, components include: Integration board, Laminated busbar/PCB, Cooling system, Capacitor, Resistor, Technical link, Power module, IGBT driver, Semiconductor die, and IGBT Stack. These components feed into an INVERTER, which includes Inductors, Current sensors (CT), and Power connectors. The inverter is then applied to various systems: Wind turbines, PV inverters, Motor drives, Rail traction, O&M services, UPS, and EV/HEV. A small circular portrait of Dr. D. Raveendra is visible in the bottom right corner of the slide.

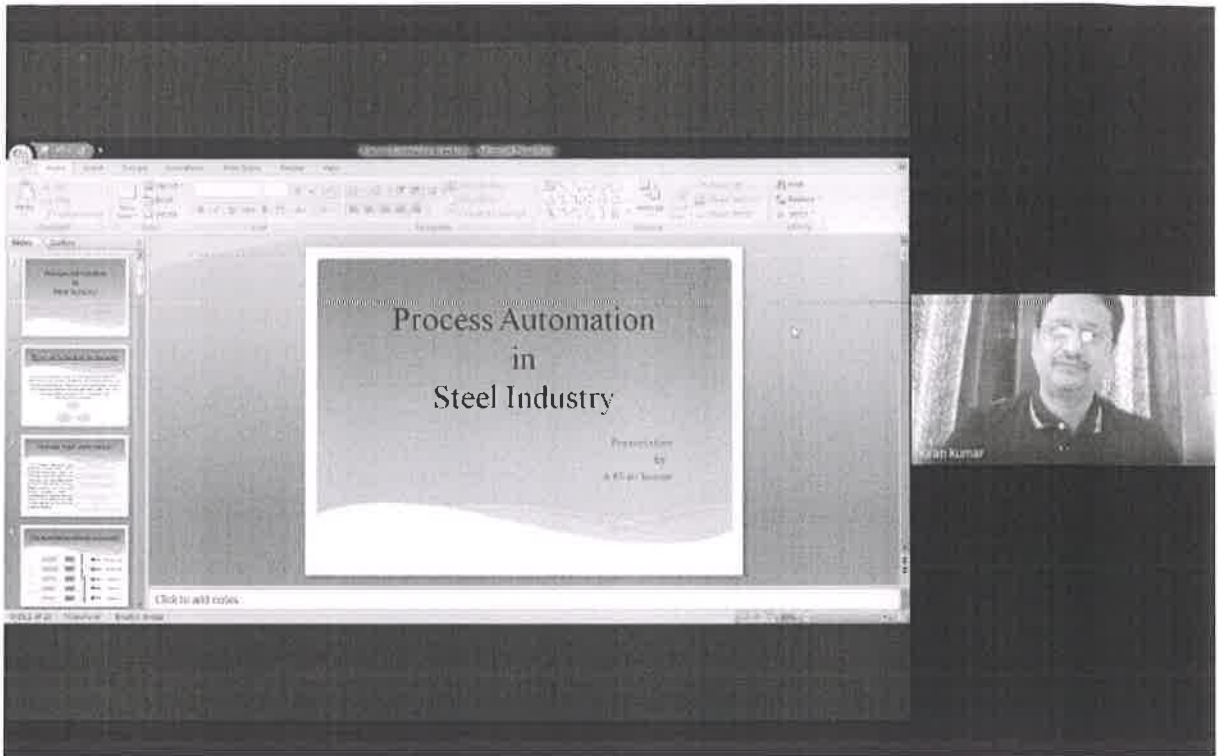
Members are an assembly of modules and passive components. There is a technical synergy between these components. It means that they are physically close, and their functions are complementary. This synergy strongly impacts the supply chain evolution.

- Partnerships between capacitor and busbar manufacturers are created.
- Partnerships or joint developments between power module and power stack manufacturers.

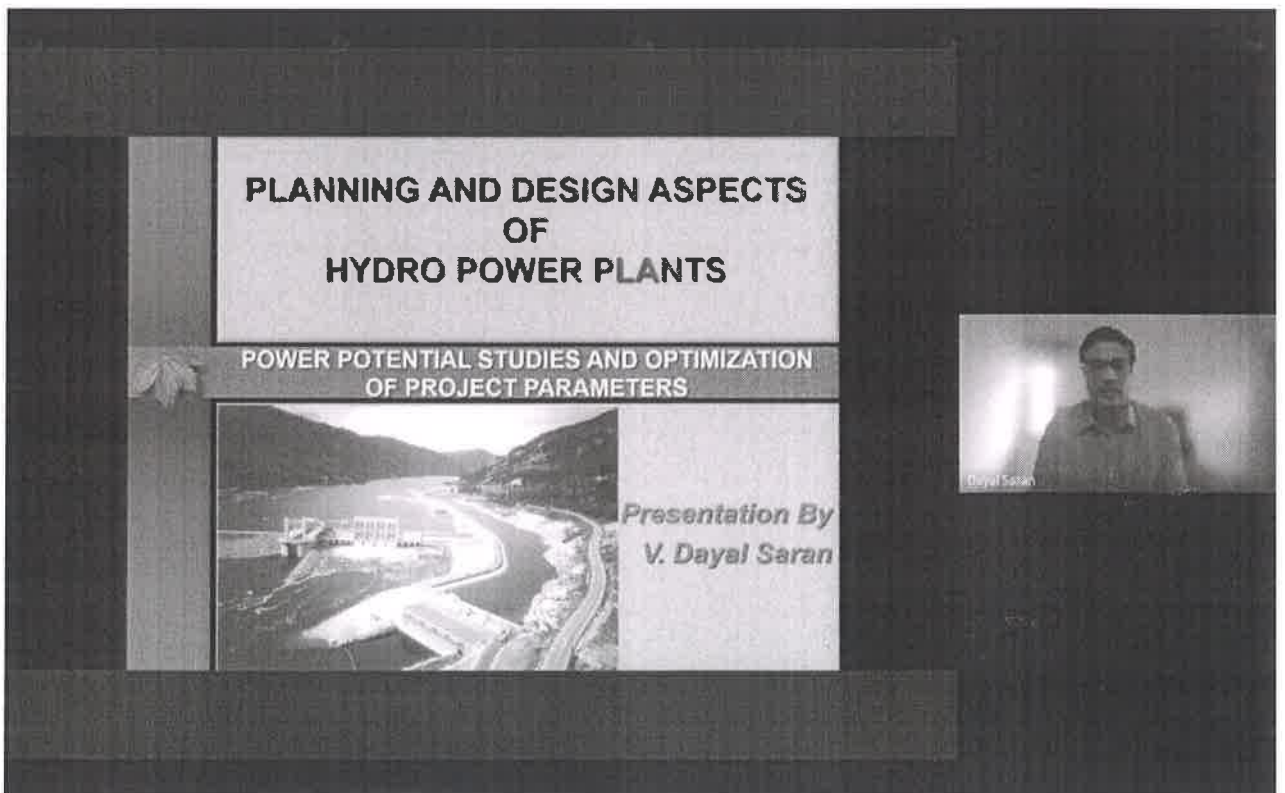
Dr. D. Raveendra presentation on Wide bandgap power semiconductor devices for electrical vehicles

R. Seetha
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Mr. A. Kiran Kumar presentation on Process Automation in Steel Industry



Mr. V. Dayal Saran presentation on Process Automation in Steel Industry

R. Sankar
 Convener, IQAC
 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa-531 162
 Visakhapatnam Dist.

aw
 Principal
 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa-531 162
 Visakhapatnam Dist.

Timestamp	Title	Enter your Name	Designation	Institute/College name	Location
12/11/2020 15:19:29	Dr.	T NARASIMHULU	Assistant Professor	ANITS	VISAKHAPATNAM
12/11/2020 15:22:17	Mrs	Sri lakshmi Davuluri	Assistant Professor	Anil Neerukonda Institute of technology and sciences	Tagarapuvalasa
12/11/2020 15:32:55	Mrs	V Sree Vidhya	Assistant Professor	Gayatri Vidya Parishad College of Engineering for Women	Visakhapatnam
12/11/2020 15:33:00	Dr.	SSSR SARATHBABU DUVVURI	Associate Professor	Shri Vishnu Engineering College for Women Bhimavaram	Bhimavaram
12/11/2020 15:33:22	Dr.	Jyothilal Nayak Bharothu	Professor	Sri Vasavi Institute of Engineering & Technology	Nandamuru, AP
12/11/2020 15:39:11	Mr	Mr.K.Trinadh Babu	Assistant Professor	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES	SANGIVALASA
12/11/2020 15:41:39	Mr	V.ANIL KUMAR	Assistant Professor	ANITS	SANGIVALASA
12/11/2020 15:43:16	Mr	P.V.V.SATYANARAYANA	Associate Professor	Mahaveer Institute of Science and Technology	Hyderabad
12/11/2020 16:20:18	Mrs	KOMMA LAVANYA	Assistant Professor	ANITS	Sangivalasa
12/11/2020 16:22:40	Mrs	B.G.Madhuri	Assistant Professor	Raghu Engineering college	visakhapatnam
12/11/2020 16:25:41	Mr	PATHAKAMURI NARESH	Assistant Professor	RAGHU ENGINEERING COLLEGE	VISAKHAPATNAM
12/11/2020 21:48:15	Mrs	R.MEGA RANI	Assistant Professor	NALLA MALLA REDDY ENGINEERING COLLEGE	HYDERABAD
12/12/2020 8:41:32	Dr.	T SRINIVAS SIRISH	Professor	GVPCE (A)	Visakhapatnam
12/12/2020 9:02:29	Mrs	Thammireddi V Subhashini	Assistant Professor	ANITS	Visakhapatnam
12/12/2020 9:04:36	Mrs	Rangavalli Vasa	Assistant Professor	Anits	Sangivalasa
12/12/2020 10:27:40	Mrs	Chandrika Vadrevu	Assistant Professor	Gayatri Vidya Parishad College of Engineering (A)	Madhurawada Visakhapatnam
12/12/2020 10:59:50	Mr	K RAVIKUMAR	Assistant Professor	GVP COLLEGE OF ENGINEERING(A)	VISAKHAPATNAM
12/12/2020 13:18:15	Dr.	M.Siva Kumar	Professor	Gudlavalleru engineering college	Gudlavalleru
12/12/2020 14:39:58	Mr	J.Vijaychandra	Assistant Professor	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY ,AUTON	Vizianagaram
12/13/2020 14:14:54	Mr	Ravikiran Inapakurthi	Associate Professor	Raghu Engineering College	Visakhapatnam
12/13/2020 18:39:23	Mr	SUBRAHMANYA ADITYA VAKA	Assistant Professor	SRI VASAVI ENGINEERING COLLEGE	TADEPALLIGUDEM
12/13/2020 18:49:08	Dr.	Dr. Rajesh dommeti	Assistant Professor	Anits	Visakhapatnam
12/13/2020 18:49:23	Mr	S.SIVAKUMAR	Assistant Professor	RAJIV GANDHI COLLEGE OF ENGINEERING AND TECHNOLOGY.	Puducherry
12/13/2020 19:05:24	Mr	MOHANA KANNAN L	Assistant Professor	RVS COLLEGE OF ENGINEERING AND TECHNOLOGY	Coimbatore
12/13/2020 19:19:33	Mrs	NALLAGALVA SANKAR	Assistant Professor	SASI INSTITUTE OF TECHNOLOGY AND ENGINEERING	TADEPALLIGUDEM
12/13/2020 19:24:22	Mr	PANIGRAHI SIVA KUMAR	Assistant Professor	JNTUK UNIVERSITY COLLEGE OF ENGINEERING VIZIANAGARAM	VIZIANAGARAM
12/13/2020 20:08:00	Mr	S SURYA PRASAD	PhD Student	JNTU KAKINADA	KAKINADA
12/13/2020 20:35:43	Mr	VIVEK RETHINAKARAN B	Assistant Professor	ARIFA INSTITUTE OF TECHNOLOGY	NAGAPATTINAM
12/13/2020 20:57:08	Mr	NANDYALA SIVA NAGENDRA	Assistant Professor	BVC ENGINEERING COLLEGE AUTONOMOUS ODALAREVU	ODALAREVU
12/14/2020 1:15:28	Mr	MAHESH PALAVALASA	Assistant Professor	NS Raju Institute of Technology	Visakhapatnam
12/14/2020 6:23:38	Mrs	Vedavalli K	Associate Professor	Motilal Nehru Government Polytechnic College	Puducherry
12/14/2020 6:46:09	Mrs	Mrs. A. Manjula	Associate Professor	Mohamed Sathak Engineering College	Kilakarai
12/14/2020 7:30:26	Mr	V.NARASIMMAN	Assistant Professor	SRI SAI RAM INSTITUTE OF TECHNOLOGY	CHENNAI
12/14/2020 7:39:11	Mr	VenkataNarayana Lakamana	Assistant Professor	University College of engineering kakinada JNTUK KAKINADA	Kakinada,East Godavari district,Andhra Pradesh
12/14/2020 9:46:00	Dr.	V.Venkatesh	Assistant Professor	Rajalakshmi engineering college	Chennai
12/14/2020 10:38:22	Mr	KANTE VENKATADURGAPRASA	Assistant Professor	PRAGATI ENGINEERING COLLEGE	SURAMPALEM
12/14/2020 10:46:12	Mrs	K V R Swathi	Assistant Professor	anits	sangivalasa
12/14/2020 10:46:47	Mr	N KIRAN	Assistant Professor	ANITS	Sangivalasa
12/14/2020 12:30:15	Mrs	Chandrika Vadrevu	Assistant Professor	Gayatri Vidya Parishad College of Engineering (A)	Madhurawada Visakhapatnam
12/14/2020 13:14:39	Mrs	JAMPANA USHARANI	Assistant Professor	GVP COLLEGE OF ENGINEERING (A)	Madhurwada Visakhapatnam
12/14/2020 15:59:33	Mrs	V Sree Vidhya	Assistant Professor	Gayatri Vidya Parishad College of Engineering for Women	Visakhapatnam
12/14/2020 16:56:06	Mr	S J V PRAKASH	Assistant Professor	ANITS	Sangivalasa
12/14/2020 19:20:34	Mr	DHANAMJAYA APPARAO ALLAN	Assistant Professor	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCE	SANGIVALASA
12/14/2020 20:37:48	Mr	B Rajasekhar	Assistant Professor	ANITS	Visakhapatnam
12/15/2020 8:46:43	Mr	Mailla sudheer kumar	Assistant Professor	Anil Neerukonda institute of technology and sciences	SANGIVALASA
12/15/2020 8:46:55	Mr	Vijay, Lōdagala	Assistant Professor	Anil Neerukonda Institute of Technology & Science	Bheemunipatnam
12/15/2020 8:49:45	Miss	GAYATHRI SIRIPURAPU	PhD Student	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN	Bhimavaram
12/15/2020 8:56:35	Mr	K.Trinadh Babu	Assistant Professor	ANIL Neerukonda Institute of Technology & science	Sangivalasa
12/15/2020 9:05:44	Dr.	Vijaya Bhaskar Somu	Associate Professor	ANITS	Visakhapatnam
12/15/2020 9:24:00	Mr	Raavi Satish	Assistant Professor	ANITS	Visakhapatnam
12/15/2020 9:27:15	Mr	SURAKASI BALAMURALI	Associate Professor	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCE	VISAKHAPATNAM
12/15/2020 9:35:59	Mr	L Dinesh	Assistant Professor	Anits	Visakhapatnam
12/15/2020 9:44:17	Dr.	G Raja Rao	Professor	Anil Neerukonda Institute of Technology & Sciences	Visakhapatnam
12/15/2020 10:04:30	Mr	S m divakar maddala	Assistant Professor	Anits	Bheemili
12/15/2020 10:04:48	Mr	Palacherla Srinivas	Assistant Professor	Raghu Engineering college	Visakhapatnam
12/15/2020 10:05:49	Mr	Jami uday venkatesh	Assistant Professor	Anits	Bheemili
12/15/2020 10:54:35	Dr.	V MURALI	Associate Professor	ANITS	Sangivalasa
12/15/2020 11:06:03	Mrs	Pramadha Rani Vijjapu	Assistant Professor	Raghu Engineering College	Visakhapatnam

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12/15/2020 11:07:06	Mrs	Shaik Daryabi	Associate Professor	Raghu Engineering college	Dakamarri		
12/15/2020 11:26:31	Mr	Subrahmanyam Tanala	Assistant Professor	ANITS	Sangivalasa		
12/15/2020 12:02:30	Mrs	KOMMA LAVANYA	Assistant Professor	ANITS	Sangivalasa		
12/15/2020 13:29:49	Mr	PATNANA HEMA KUMAR	Assistant Professor	Anil Neerukonda Institute of Technology & Sciences	Tagarpuvalasa		
12/16/2020 11:13:23	Mr	KANTUBHUKTA DINESH	Assistant Professor	Lendi Institute of Engineering and technology	Vizianagaram		
12/17/2020 8:26:27	Mr	Nagulapati Kiran	Assistant Professor	ANITS	Sangivalasa, Visakhapatna		

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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

A Faculty Development program on “Control Aspects of Industrial Electrical Systems” for all the teaching staff of EEE, ANITS was organized at the Institute by Department of Electrical and Electronics Engineering. All the faculty of EEE Dept. have participated in this program. Prof. G. Raja Rao, HOD of EEE department had presided over the program. Dr. Vijaya Bhaskar Somu, welcomed the participants and introduced the speakers, Mr. A. Kiran Kumar, Mr. V. Dayal Saran, Mr. Mohammed Rafi, Mr. Ch. Sriprakash, and Dr. D. Raveendhra from various industrial organizations.

They shared the information regarding industrial automation in Electrical systems, process automation in steel industry, design aspects of hydro power and also importance of switchgear control in power plants. And also, they explained protection of Industrial power systems. In the valedictory program held at the end, participants gave their feedback explaining how the program helped them to improve industrial knowledge in a better way. Prof. G. Raja Rao, HOD Presented the Vote of thanks.

Mr. L. Vijay
(Coordinator)

Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Dr. G. Raja Rao
Head of the Department
Professor & Head EEE
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sangivalasa,
Visakhapatnam-531 162
Date: 19/12/2020

Principal
Anil Neerukonda Bishu
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

CERTIFICATE

Faculty Development Program On “Control Aspects of Industrial Electrical Systems”

This Certificate is Proudly Presented to


Mr.M.Sudheer Kumar

Organized by
Department of Electrical and Electronics Engineering, ANITS,
Sangivalasa, Bheemili Mandal, Visakhapatnam.

20/12/2020

DATE


Head of the Department
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sangivalasa,
Visakhapatnam-531 162
SIGNATURE


Convener, IQAC
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Visakhapatnam Dist.


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Tel: 08933-225086 Fax: 08933-226395(pp) www.anits.edu.in

Ref: CSE Dept./Academic year:2020-2021/Sem -2

DEPT OF COMPUTER SCIENCE AND ENGINEERING

Sangivalasa,
18-01-2021

Circular

It is hereby informed that, there will be a training program on the following title. All non-teaching members may attend without prejudice of academic work.

Date and Time	Speaker	Affiliation	Title	Venue
18-01-2021	S.K Manoj	Asst.Professor, Dept.Of CSE, ANITS	Training Program on Python Programming	Research Lab

Copy to

1. HOD of CSE- with a request to display on student notice boards
2. All Staff
3. All Non-Teaching Staff



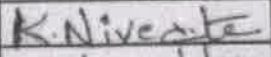
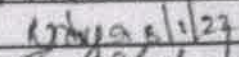
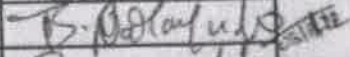
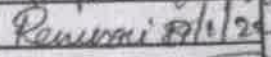

R. Seibanth
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

[Signature]
HOD-CSE
Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

[Signature]
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 152
Visakhapatnam Dist.

9167


DEPT. OF COMPUTER SCIENCE AND ENGINEERING
Training program held on 18-01-2021

S.No	Non-Teaching Staff	Signature
1	Shaik Shajahan	
2	P. S. Vittal	
3	K. Nivedita	
4	B.V.U.Lakshmi	
5	B. Narayana Rao	
5	M. Renu Sri	
6	K Kanaka Rao	

3/1/2022


Head of CSE Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist


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Visakhapatnam Dist.


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Anil Neerukonda Institute of
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Visakhapatnam Dist.



Academic Year 2021-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DATE: 18-01-2021

As a part of CSE Departmental Activities Training Session on Python Programming is Conducted for Non-Teaching Staff. This main motive of this event is to encourage Non-Teaching Staff to learn new language to help the students in lab sessions. S.K.A.Manoj, Assistant Professor From Dept. of CSE acted as Speaker. Around 6 technicians' participated in this training program.



R. Sankar
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Dr. R. Sivaranjani
HoD of CSE
the Department of
Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist

about ANITS:

Anil Neerukonda Institute of Technology & Sciences (ANITS) was established by the Anil Neerukonda Educational Society (ANES), which was founded by N.B.R. Prasad, an NRI philanthropist from USA. The institute was started in the year 2001 and is affiliated to Andhra University. The institution offers undergraduate programs and five Masters programs. It is just 30 minute drive from Visakhapatnam to reach the campus, which spreads over 14 acres of land. ANITS has emerged as one of the best colleges among the 198 colleges started in the region along with it and later.

about the Department:

The department of Mechanical Engineering is established in the year 2005 with the state of art laboratories and research facilities which are being upgraded continuously every year. The department is accredited by NBA in the year 2012 and is accredited in the year 2016. Presently it has an intake of 240 at UG level and 18 at PG level. The department has faculty strength of 48 with ten laboratories. The department promotes research activity vigorously which has fructified in the publication of more than 240 papers since inception in National/International Journals/Conferences. The department received grants from Centrally sponsored organizations like AICTE, UGC, DST, ISTE amounting to an amount of Rs. 40,00,000/- for organizing induction programme, seminars, and IDROBS..

Objective of STTP

Over the years, the material technologists devised new and useful materials not ordinarily found in nature. From automobiles to aircraft, sporting goods to skyscrapers, clothing to computers and a host of electronic devices, there have been a wide spectrum of high performance engineering materials.

Metals, polymers, ceramics, composites and every other class of materials have been subjected to profound research in enhancing their properties resulting in evolution of high performance materials. The material scientists have devised ways of inventing materials by altering the micro structures through alloying (or) adding reinforcements to produce super-strong or ultra-hard or corrosive resistant or high heat resistant super alloy materials that suit the specific design requirements. It is necessary to have an insight into the failure mechanics of such materials.

The objective of the STTP is to invoke the failure and damage mechanics of these materials at both microscopic and macroscopic levels. The seminar is intended to understand the intricacies of the experimental investigations of fracture and damage parameters. It also further gives an opportunity to the researchers to enlighten themselves with the mathematical modelling of fracture analysis.

This programme will immensely benefit the faculty and research scholars to upgrade their knowledge in the new class of materials that are evolving.

Contents

- Macroscopic aspects of damage and fracture mechanics
- Metallurgical aspects of fracture and fractography
- Failure analysis of super alloys in high temperature applications
- Damage and fracture mechanics of HPEM
- Thrust areas of research

Organizing Committee:

Chief Patron:

Dr. N.B.R Prasad
Chairman, ANES.

Patron:

Dr. T.V.Hanumnatha Rao
Principal, ANITS.

Chairman and Co-ordinator:

Dr.B.Naga Raju
Professor & HOD
Department of Mechanical Engineering
ANITS.
Cell: +91 9849820049
Email: hodmech@anits.edu.in

Resource Persons

- Dr. K. Ramji, Vice Chancellor, Dr. B.R. Ambedkar University, Srikakulam.
- Dr.V.V.S.Bhaskara Raju, Retired Scientist -G NSTL, Visakhapatnam.
- Dr. A. Ratna Kumar, Assoc. Prof., IIT-Madras.
- Dr. N. V. Swami Naidu, Assoc. Prof., NIT Raipur.
- Dr. K. N. S. Suman, Assoc. Prof., AUCE(A), Vizag
- Dr. Avishkar Rathod, Asst.Prof., VNIT, Nagpur.
- Dr. Deepa kodali, Postdoctoral research Fellow, Tuskegee University, Tuskegee.
- Dr. S. Madhusudan, Professor, URCE, Vijayawada.
- Dr. B. NagaRaju, Professor, ANITS, Vizag.

Registration Details:

Faculty and research scholars from AICTE approved colleges and Industry professionals are eligible for this programme.

Please go through the following URL for registration
<https://forms.gle/aVvKHrLgFWWmp7Qvpi8>

There is 'NO REGISTRATION FEE' for participants. All the online sessions will be done on Cisco WebEx platform. The relevant session links will be shared in Whatsapp group. Only the participants with minimum of 75% attendance in sessions and 50% score in final online quiz are eligible for award of Participation e-Certificate.



A one week Online Short Term
Training Program (STTP) on
Failure and Damage Mechanisms
of High Performance
Engineering Materials
13th to 18th July, 2020



Sponsored by
All India Council for Technical Education

Co-ordinator
Dr.B.Naga Raju, Professor & HOD
Department of Mechanical Engineering

Organized by
Department of Mechanical Engineering
Anil Neerukonda Institute of Technology & Sciences
UGC Autonomous, Accredited by NBA & NAAC with 'A' Grade
Sangivalasa - 531 162, Bheemunipatnam
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**Program Evaluation Committee (PEC) Report
 On**

AICTE sponsored online STTP on "Failure and Damage Mechanics of High Performance Engineering Materials"

(Phase-I)

13th July, 2020 – 18th July, 2020

Anil Neerukonda Institute of Technology and Sciences (ANITS), Department of Mechanical Engineering, has organized AICTE Sponsored online Short Term Training Program on "Failure and Damage Mechanics of High Performance Engineering Materials" (Phase – I) from 13th July, 2020 – 18th July, 2020. The STTP program received an overwhelming response from participants hailing from various institutes /colleges approved by AICTE and affiliated to universities such as JNTU's and Deemed Universities such as GITAM and KLU from across the states of Andhra Pradesh and Telangana. A total of 401 participants were short listed for the program, out of which 145 were outstation participants and 28 were internal participants. A total of 12 resource persons handled all the sessions, in this STTP, out of whom 10 were from various premier academic institutions & industries across India and 2 were from ANITS (approved by AICTE). Further a practical session on failure analysis problem using ansys is arranged for the benefit of all participants along with regular 12 sessions.

This program was aimed to invoke the failure and damage mechanics of the materials both at microscopic and macroscopic levels. It is intended to understand the intricacies of experimental investigation of fracture and damage parameters and further gives an opportunity to the enthusiastic researchers to enlighten themselves with the mathematical modelling of fracture analysis. The participants are enormously benefited by the content delivered by the speakers.

**Day 1: MONDAY 13.7.2020
 Inauguration of the STTP**



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SESSION -1 (9.30AM-11.30AM)

Topic: Phase Field Modelling of Fracture in composites and functionally graded materials
Resource person: Dr.A. Ratna Kumar Associate Professor, IIT Madras

Dr.B NagaRaju, Professor & HoD, commenced the session by welcoming the resource person and delegates. He briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Phase Field Modelling of Fracture
- Numerical Modelling Of Fracture
- Phase Field Method and its Application to fracture
- Basics of Piezo Electric Materials
- Coupled Electro Mechanics
- Phase Field Modelling of Fracture Simulation in Piezo ceramics
- Discrete Vs Diffuse Crack Approach
- Mathematical Formulation of PFM

The session ended by a formal vote of thanks by Dr.B Naga Raju, program coordinator

SESSION -2(2PM-4PM)

Topic: an overview of Mechanical Failures- a Fundamental Approach

Resource person: Dr. M Raja Roy, Associate Professor, ANITS (A)

Dr.B Naga Raju, Professor and Head, commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure Vs fracture
- Static Failure
- Fatigue Failure
- Completely Reversed Stresses
- Fluctuating Stresses
- Mohr Circle
- Theories of Failure

The session ended by a formal vote of thanks by Dr.B Naga Raju, Professor and Head, Dept.of Mechanical, ANITS

DAY -2: TUESDAY 14.7.2020

SESSION -3 (9.30AM-11.30AM)

Topic: Failure Analysis of Super Alloys under High Temperature
Resource person: Dr. N Swami Naidu, Associate Professor, NIT Raipur

Dr.B Naga Raju, Professor and Head, commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Introduction to Super Alloys
- Ni based Super Alloy and its chemical Development
- Role of elements in super Alloys
- Heat treatment
- Applications of Super Alloys

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- Stereographic Examination
- R & D in Super Alloys

The session ended by a formal vote of thanks by Dr.B Naga Raju, Professor and Head, Mechanical Engg. ANITS

SESSION -4 (2:00 PM to 4:00 PM)
FUNDAMENTAL CONCEPTS OF FRACTURE MECHANICS- AN OVER VIEW
Dr.C. R. B. Raju,
Asst.Prof. ,SRKR Engg College, Bhimvaram

Dr.B Naga Raju, Professor and Head, commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Stress intensity factor
- Determination of fracture toughness
- Fracture toughness and design
- Plasticity correction
- Crack opening displacement
- R curve
- Probabilistic aspects of fracture mechanics

The session ended by a formal vote of thanks by Dr.B Naga Raju, Professor and Head, Mechanical Engg. ANITS

DAY-3: WEDNESDAY 29.7.2020

SESSION -5 (9.30AM-11.30AM)
Topic: Macroscopic Metallurgical and Experimental Aspects of Fracture Mechanics
Resource person: Prof. S Madhusudan, URCE, Vijayawada

Dr.M.Prasanth Kumar , Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Fracture Mechanics
- Factors Affecting Fracture
- Macro Fractography And Micro Fractography
- Griffith Theory And Fracture Toughness
- Basic Modes of Crack Deformation
- Fiber & Laminate Composites
- Critical Stress Intensity Factor
- Mechanism Of Crack Propagation In Isotropic Materials And Composites

The session ended by a formal vote of thanks by Dr.M Prasanth Kumar, Asst.Professor, Dept.of Mechanical, ANITS

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SESSION -6(2PM-4PM)

Topic: Determination of failures in High Performance Engineering materials - An overview

Resource person: Dr. V.V.S. Bhaskara Raju, Retd. Scientist G, NSTL, visakhapatnam

Dr.M Prasanth Kumar,, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Limitations in Using composites
- Composite Flanges of Torpedo
- Failure Mechanism in Composites
- Failure Mechanism in laminates with holes
- Fabrication Process Defects
- Shearography

The session ended by a formal vote of thanks by Dr.M Prasanth Kumar,, Asst.Professor, Dept.of Mechanical, ANITS

DAY-4: THURSDAY 30.7.2020

SESSION -7 (9.30AM-11.30AM)

Topic: NDT Methods for identifying Defects in Engineering Systems

Resource person : Mr. J Satish, Managing Partener, Sri Vikram NDT services, Visakhapatnam

Dr.B Naga Raju, Professor and Head , commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- NDT Methods
- Liquid Penetrant Test
- Magnetic Particle Test
- Radiographic Testing
- Ultrasonic Testing
- Acoustic Emission

The session ended by a formal vote of thanks by Dr.B Naga Raju, Professor and Head, Dept.of Mechanical, ANITS

SESSION -8(2PM-4PM)

Topic: FEM for Damage Mechanics of High Performance Engineering Materials

Resource person : Dr. K Viswanath AllamRaju, Professor, Institute of Aeronautical Engg., Dundigal , Hyderabad

Dr.B Naga Raju, Professor and Head , commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Griffith Theory And Fracture Toughness
- Crack opening displacement
- R curve
- Fabrication Process Defects
- Factors Affecting Fracture

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The session ended by a formal vote of thanks by Dr.M Prasanth Kumar,, Asst.Professor, Dept.of Mechanical, ANITS

DAY-5: FRIDAY, 31.7.2020

SESSION -9 (9.30AM-11.30AM)

Topic: Fracture Surface Analysis of High Performance Engineering Materials

Resource person : Dr.Deepa Kodali, Post Doctoral Fellow, Tuskegee University, Tuskegee

Dr.B Naga Raju, Professor and Head, commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Polymer nano composites
- Properties Of Nano particles
- Applications of nano composites
- Bio based nano Polymer composites
- Synthesis of carbon nano particles from cococnut shell
- Morphology of carbon paticles
- Raman Spectoscopy of carbon
- Extrusion of filaments
- SEM of various Filaments
- The session ended by a formal vote of thanks by Dr.B Naga Raju, Professor and Head, Dept.of Mechanical, ANITS

SESSION -10(2PM-4PM)

Topic: Failure Mechanics in Composites - A research Perspective

Resource person : Dr. K.N.S. Suman, Assoc.Professor, AUCE(A), Visakhapatnam

Dr.M Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Criteria for Failure and Damage
- Damage Mechanics in Fibrous composites
- Micro level Damge Mechancics
- Matrix level Damge Mechancics
- Coupled Matrix level Mechanisms
- Macro level Failure Mechanisms

The session ended by a formal vote of thanks by Dr.M Prasanth Kumar, Asst.Professor, Dept.of Mechanical, ANITS


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DAY-6: SATURDAY 1.8.2020

SESSION -11 (9.00AM-11.00AM)

Topic: Remedial Measures for avoiding failures and damages in High Performance Engineering Materials

Resource person : Dr. V Rama Krishna, Scientist E, NSTL, Visakhapatnam.

Dr.B Naga Raju, Professor and Head, commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Advantages of composites
- Stealth Technology
- Under water Detection
- Acoustic STEALTH
- Corrosion in sea environment
- Surface Damping Treatment
- FLD-Loss Factor
- Noise control Devices
- Acoustic enclosures
- Damping Measurement

The session ended by a formal vote of thanks by Dr.B Naga Raju, Professor and Head, Dept.of Mechanical, ANITS

SESSION 12

(11:00 AM to 01:00 PM)

FAILURE MECHANICS AND ROOT CAUSE INVESTIGATION

Dr. B. NagaRaju

Professor, ANITS, Visakhapatnam

Dr.M Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- How do flaws in a material initiate failure
- How is fracture resistance quantified how do different material classes compare
- How do we estimate the stress to fracture
- How do loading rate, loading history, and temperature affect the failure stress

The session ended by a formal vote of thanks by Dr.M Prasanth Kumar,, Asst.Professor, Dept.of Mechanical, ANITS

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Valedictory: 18.07.2020 (01:00 PM)

Prof. T.V.Hanumantha Rao, principal ANITS and chair person for the program graced the Valedictory ceremony as the chief guest.

Dr. B Nagaraju ,HoD, coordinator for the STTP welcomed the chief guest, dignitaries and delegates present in the valedictory session. On this occasion, Prof. T.V. Hanumantha Rao in his message appreciated Program coordinator Dr.B NagaRaju for the successful completion of the first phase of STTP. Further, he appreciated the ANITS management for promoting such development programmes for faculty members. Dr. B NagaRaju congratulated all the participants for attending the STTP and informed that the certificates will be issued to the participants who have maintained a minimum of 75% attendance and 50% score in the quiz going to be conducted after the valedictory. Mr. J V Bhanutej collected the feedback on the program from the participants. Finally, Dr B NagaRaju Co-coordinator concluded the STTP with vote of thanks.



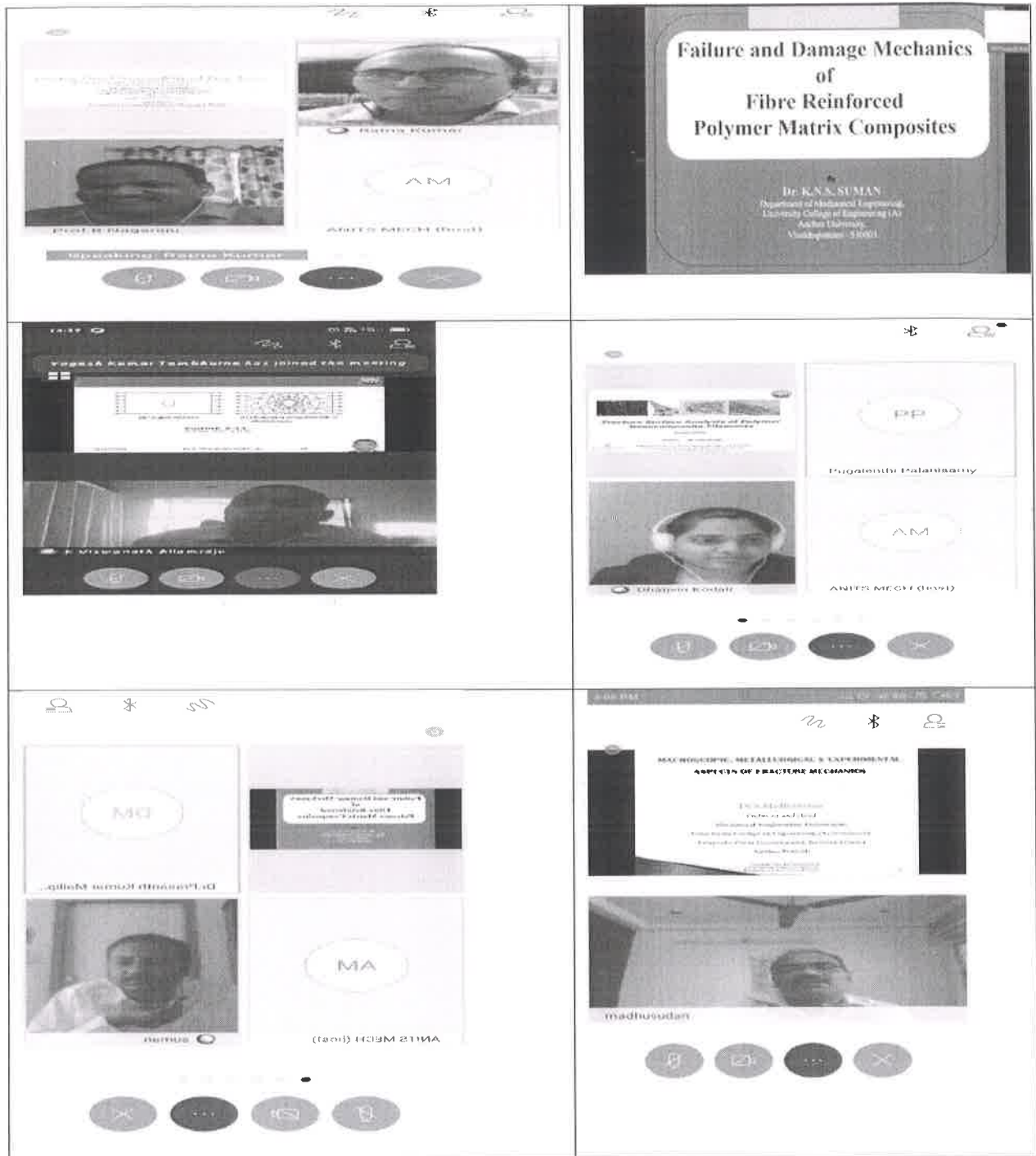
Evaluation: 18.07.2020 (02:00 PM)

On the 6th day of the program, a quiz exam for 40 marks was conducted based on the sessions held in the week to test the participants. Out of the 401 participants, 145 were successful in the test. The certificates were awarded to those participants who scored a minimum of 50% marks and were present for a minimum of 9 sessions out of 12 sessions. The questionnaire of the quiz exam was approved by the PEC.

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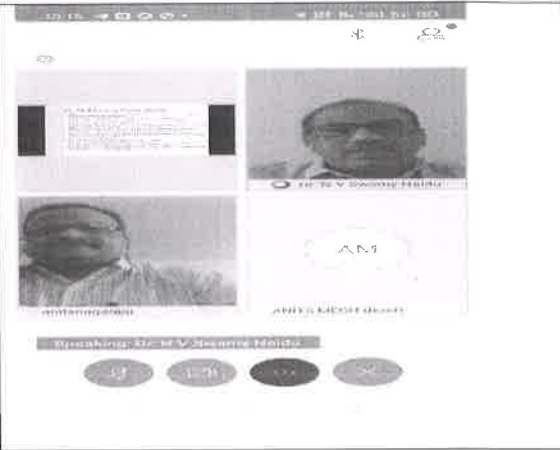
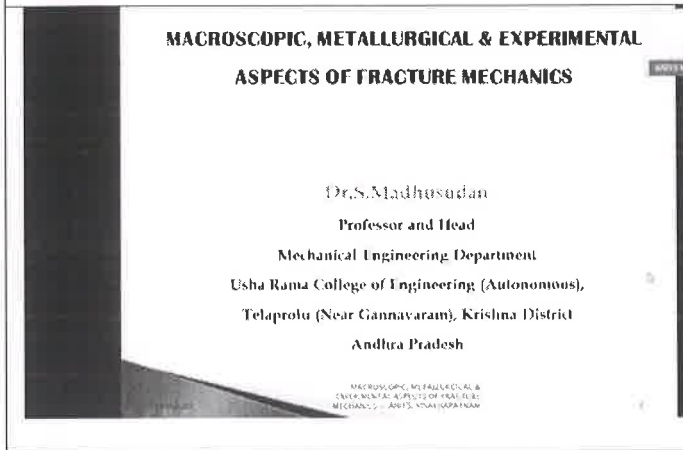
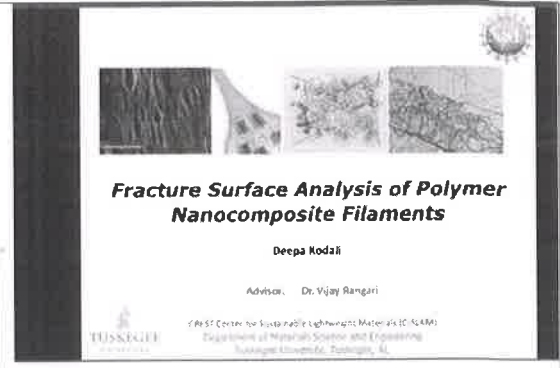
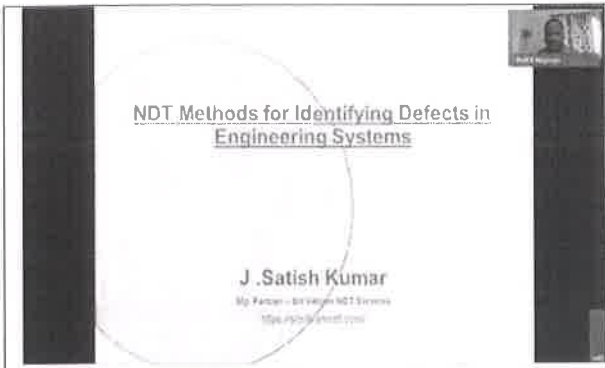
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SAMPLE PHOTOS



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STTP coordinator
 Dr.B.Naga Raju
 HoD & Professor, MECH

Principal
 Prof.T.V.Hanumantha Rao
 Principal, ANITS


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ANNEXURE - I

LIST OF PARTICIPANTS

S.No	Full Name of the Participant (prefix Dr./Mr./Mrs./Ms.)	Email address	Designation	Name of the College / Organization	City	State	Whatsapp Mobile Number
1	Mr.CH.MAHESWARA RAO	maheswararao.2887@gmail.com	Assistant Professor	ANITS	Visakhapatnam	ANDHRA PRADESH	7995152558
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36	Ms.Riya Gupta	riyaagpt8rp@gmail.com	Scholar	Government Girls Polytechnic Ballia	Ballia	Uttar Pradesh	9336871639
37	Mr. G. Naresh, Asst Prof, Mechanical	nareshforever1@gmail.com	Assistant Professor	ANITS	Visakhapatnam	Andhra Pradesh	9959748997
38	Mr. Biswajit Keshari Mohanty	biswajeetk@gmail.com	others	Raghu Engineering College	Visakhapatnam	Andhra Pradesh	9842550919

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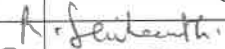
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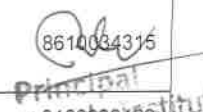
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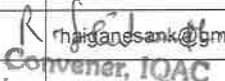

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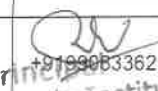
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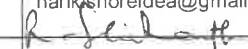
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ANNEXURE - II




AICTE Sponsored
A one week Online Short Term Training Program (STTP)
on
Failure and Damage Mechanics of High Performance Engineering Materials
13th to 18th July, 2020

DEPARTMENT OF MECHANICAL ENGINEERING
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES
SCHEDULE(Phase-1)

	9.00 AM to 9.30 AM Inauguration of the STTP Prof.T. V. HanumanthaRao, Principal, ANITS.		
DAY 1 Monday 13-07-2020	SESSION 1 (9:30 AM to 11:30 AM) PHASE FIELD MODELLING OF FRACTURE IN COMPOSITES AND FUNCTIONALLY GRADED MATERIALS Dr. A. Ratna Kumar Assoc. Prof.,IIT-Madras.	SESSION 2 (2:00 PM to 4:00 PM) AN OVERVIEW OF MECHANICAL FAILURES - A FUNDAMENTAL APPROACH Dr.M.Raja Roy Assoc. Prof, ANITS, Visakhapatnam.	
DAY 2 Tuesday 14-07-2020	SESSION 3 (9:30 AM to 11:30 AM) FAILURE ANALYSIS OF SUPER ALLOYS UNDER HIGH TEMPERATURE Dr. N. V. Swamy Naidu Associate Professor, NIT Raipur.	SESSION 4 (2:00 PM to 4:00 PM) FUNDAMENTAL CONCEPTS OF FRACTURE MECHANICS- AN OVER VIEW Dr.C. R. B. Raju, Asst.Prof. ,SRKR Enggcollege,Bhimvaram	
DAY 3 Wednesday 15-07-2020	SESSION 5 (9:30 AM to 11:30 AM) MACROSCOPIC, METALLURGICAL AND EXPERIMENTAL ASPECTS OF FRACTURE MECHANICS Dr. S. Madhusudan Professor,URCE,Vijayawada.	SESSION 6 (2:00 PM to 4:00 PM) DETERMINATION OF FAILURES IN HIGH PERFORMANCE ENGINEERING MATERIALS – AN OVERVIEW Dr.V.V.S.BhaskaraRaju Retired Scientist -G x, NSTL, Visakhapatnam.	
DAY 4 Thursday 16-07-2020	SESSION 7 (9:30 AM to 11:30 AM) NDT METHODS FOR IDENTIFYING DEFECTS IN ENGINEERING SYSTEMS Mr.J.Satish Managing Partner - Sri Vikram NDT Services Visakhapatnam Formerly - NDT Level III - SaipemKarimun Yard, Indonesia Principal Engineer - Aker Solutions, Mumbai Senior Executive - Godrej & Boyce Mfg Co. LTD - Mumbai	SESSION 8 (2:00 PM to 4:00 PM) FINITE ELEMENT MODELS FOR DAMAGE MECHANICS OF HIGH PERFORMANCE ENGINEERING MATERIALS Dr. K.ViswanathAllamraju, Professor Institute of Aero nautical engineering, Dundigal, Hyderabad.	
DAY 5 Friday 17-07-2020	SESSION 9 (9:30 AM to 11:30 AM) FRACTURE SURFACE ANALYSIS OF HIGH PERFORMANCE ENGINEERING MATERIALS Dr.Deepakodali, Postdoctoral Research Fellow, Tuskegee University. Tuskegee.	SESSION 10 (1:00 PM to 3:00 PM) FAILURE MECHANISMS IN COMPOSITES- A RESEARCH PERSPECTIVE Dr. K. N. S. Suman Assoc. Professor, AUCE(A), Visakhapatnam.	PRACTICAL SESSION ON FAILURE ANALYSIS PROBLEM USING ANYSIS (3:30 PM to 4:30 PM) J V . Bhanu Tej Assistant Professor, ANITS, Visakhapatnam
DAY 6 Saturday 18-07-2020	SESSION 11 (9:00 AM to 11:00 AM) REMEDIAL MEASURES FOR AVOIDING FAILURES AND DAMAGES IN HIGH PERFORMANCE ENGINEERING MATERIALS Dr. V. Rama Krishna Scientist- E,NSTL, DRDOVisakhapatnam.	SESSION 12 (11:00 AM to 01:00 PM) FAILURE MECHANICS AND ROOT CAUSE INVESTIGATION Dr. B. NagaRaju Professor, ANITS, Visakhapatnam	.01:00 PM VALEDICTORY followed by ONLINE QUIZ(1hr)


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Dr.B. NagaRaju
Co-Ordinator



**DEPARTMENT OF MECHANICAL ENGINEERING
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**

(AUTONOMOUS)

(Affiliated to AU, Approved by AICTE, Accredited by NBA & Certified by NAAC with 'A' grade)
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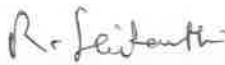
CERTIFICATE

This is to certify that

has participated in AICTE sponsored A One Week Online Short Term Training Program (STTP) on "Failure and Damage Mechanics of High Performance Engineering Materials", from 13th to 18th July, 2020.




Dr. B. NagaRaju
Coordinator &
HOD - Mech Engg.


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Dr. T. V. Hanumantha Rao
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about ANITS:

Anil Neerukonda Institute of Technology & Sciences (ANITS) was established by the Anil Neerukonda Educational Society (ANES), which was founded by N.B.R. Prasad, an NRI philanthropist from USA. This institute was started in the year 2001 and is affiliated to Andhra University. The institution offers undergraduate programs and five Masters programs. It is just 30 minute drive from Visakhapatnam to reach the campus, which spreads over 14 acres of land. ANITS has emerged as one of the best colleges among the 198 colleges started in the region along with it and later.

about the Department:

The department of Mechanical Engineering is established in the year 2005 with the state of art laboratories and research facilities which are being upgraded continuously every year. The department is accredited by NBA in the year 2012 and re-accredited in the year 2016. Presently it has an intake of 240 at UG level and 18 at PG level. The department has faculty strength of 48 with ten laboratories. The department promotes research activity vigorously which has fructified in the publication of more than 240 papers since inception in National/International Journals/Conferences. The department received grants from Centrally sponsored organizations like AICTE, UGC, DST, ISTE amounting to an amount of Rs. 40,00,000/- for organizing induction programme, seminars, and projects.

Objective of STTP

Over the years, the material technologists devised new and useful materials not ordinarily found in nature. From automobiles to aircraft, sporting goods to skyscrapers, clothing to computers and a host of electronic devices, there have been a wide spectrum of high performance engineering materials.

Metals, polymers, ceramics, composites and every other class of materials have been subjected to profound research in enhancing their properties resulting in evolution of high performance materials. The material scientists have devised ways of inventing materials by altering the micro structures through alloying (or) adding reinforcements to produce super-strong or ultra-hard or corrosive resistant or high heat resistant super alloy materials that suit the specific design requirements. It is necessary to have an insight into the failure mechanics of such materials.

The objective of the STTP is to invoke the failure and damage mechanics of these materials at both microscopic and macroscopic levels. The seminar is intended to understand the intricacies of the experimental investigations of fracture and damage parameters. It also further gives an opportunity to the researchers to enlighten themselves with the mathematical modelling of fracture analysis.

This programme will immensely benefit the faculty and research scholars to upgrade their knowledge in the new class of materials that are evolving.

Contents

- Characterisation, Performance & Failure Mechanics of High Performance Engineering Materials.
- Damage & Fatigue behaviour of Composites
- Metalurgical Failure Investigations of High Performance Engineering Materials
- Failure Analysis of Laminated Composite Structures
- Challenges & Industrial applications.

Organizing Committee:

Chief Patron:

Dr. N. B.R Prasad
Chairman, ANES.

Patron:

Dr. T. V.Hanumnatha Rao
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Chairman and Co-ordinator:

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Co-Coordinator:

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Resource Persons

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- Dr. M. Ananda Rao, Principal Scientist, CSIR, National Metallurgical Laboratory, Chennai.
- Dr. N. V. Swamy Naidu, Associate Professor, Dept. of Mech. Engg., NIT Raipur.
- Dr. Satish Ben, Associate Professor, Dept. of Mech. Engg. NIT-W, Warangal.
- Dr. M. Jagannatham, Manager (R&D), R&D Division, Wheels India Limited, Chennai.
- Dr. S. Deepak Kumar, Assistant Professor, Dept. of Mech. Engg., Birla Institute of Technology Mesra, Ranchi.
- Dr. N. Mani, Professor, Dept. of Mech. Engg., Sri Sairam Engineering College, Chennai.
- Mr. G. V. Sarath Kumar, Senior Manager, Materials Engineering, Ashok Leyland Technical center, Chennai.
- Mr. Sai Krishna Y. N. M., Inspection Engineer, NDT specialist, Emirates National oil company (ENOC), UAE.
- Dr. B. NagaRaju, Professor, Dept. of Mech. Engg., ANITS, Visakhapatnam.

Registration Details:

Please go through the following URL for registration

<https://forms.gle/FDQSHK2cVbDERoWx5>

There is 'NO REGISTRATION FEE' for participants. Only the participants with minimum of 75% attendance and 50% score in final online quiz are eligible for award of Participation e-Certificate.



A one week Online Short Term
Training Program (STTP) on
**Failure and Damage Mechanisms
of High Performance
Engineering Materials**

(Phase-II)

10th to 15th August, 2020



Sponsored by

All India Council for Technical Education

Co-ordinator

Dr.B.Naga Raju, Professor & HOD
Department of Mechanical Engineering

Organized by

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Sangivalasa - 531 162, Bheemunipatnam
Visakhapatnam Dist. AP, India.
website: mechanical.anits.edu.in

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A one week Online Short Term Training Program (STTP)

on

Failure and Damage Mechanics of High Performance Engineering Materials (Phase-II)



10th to 15th August, 2020

DEPARTMENT OF MECHANICAL ENGINEERING ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES

SCHEDULE

9.00 AM to 9.30 AM

Inauguration of the STTP

Prof.T. V. HanumanthaRao, Principal, ANITS.

<p>DAY 1 Monday 10-08-2020</p>	<p>SESSION 1 (9:30 AM to 11:30 AM) DYNAMIC ANALYSIS OF CRACKS IN HIGH PERFORMANCE ENGINEERING MATERIALS Dr. K.ViswanathAllamraju Professor Institute of Aeronautical Engineering, Dundigal, Hyderabad.</p>	<p>SESSION 2 (2:00 PM to 4:00 PM) FAILURE ANALYSIS OF LAMINATED COMPOSITE STRUCTURES Dr. N. V. Swamy Naidu Associate Professor, NIT Raipur.</p>	
<p>DAY 2 Tuesday 11-08-2020</p>	<p>SESSION 3 (9:30 AM to 11:30 AM) FATIGUE & FRACTURE: METHODS, MECHANICS & MECHANISMS FOR STRUCTURAL INTEGRITY Dr. N. Narasaiah Professor National Institute of Technology, Warangal.</p>	<p>SESSION 4 (2:00 PM to 4:00 PM) FRACTURE MECHANICS OF ENGINEERING MATERIALS Dr. N. Mani Professor Sri Sairam Engineering College, Chennai.</p>	
<p>DAY 3 Wednesday 12-08-2020</p>	<p>SESSION 5 (9:30 AM to 11:30 AM) METLLURGICAL FAILURE ANALYSIS OF AUTOMOTIVE COMPONENTS Mr. G. V. Sarath Kumar Senior Manager, Materials Engineering, Ashok Leyland Technical center, Chennai.</p>	<p>SESSION 6 (2:00 PM to 4:00 PM) FRACTURE MECHANICS AND MECHANICAL BEHAVIOUR OF FRICTION STIR WELDS Dr. N. Ramanaiah Professor, AUCE(A), Visakhapatnam</p>	
<p>DAY 4 Thursday 13-08-2020</p>	<p>SESSION 7 (9:30 AM to 11:30 AM) FATIGUE ANALYSIS OF COMPOSITE MATERIALS:CHALLENGES & INDUSTRIAL APPLICATIONS Dr. S. Deepak Kumar Assistant Professor Birla Institute of Technology Mesra, Ranchi.</p>	<p>SESSION 8 (2:00 PM to 4:00 PM) EVALUATION OF FAILURES AND DAMAGES THROUGH DISLOCATION THEORY Dr. A. PRASAD REDDY Associate Professor, K. S. R. M. College of Engineering (Autonomous), Kadapa</p>	
<p>DAY 5 Friday 14-08-2020</p>	<p>SESSION 9 (9:30 AM to 11:30 AM) DAMAGE MECHANICS AND FATIGUE BEHAVIOUR OF FIBRE REINFORCED COMPOSITES Dr. S. Madhusudan Professor,URCE,Vijayawada.</p>	<p>SESSION 10 (1:00 PM to 3:00 PM) METLLURGICAL FAILURE INVESTIGATION OF POWER PLANT COMPONENTS Dr.M. AnandaRao Principal Scientist, CSIR, National Metallurgical Laboratory, Chennai.</p>	<p>PRACTICAL SESSION ON FAILURE ANALYSIS PROBLEM USING ANYSIS (3:30 PM to 4:30 PM) Mr. J.V . Bhanu Tej Assistant Professor, ANITS, Visakhapatnam</p>
<p>DAY 6 Saturday 15-08-2020</p>	<p>SESSION 11 (9:00 AM to 11:00 AM) CHARACTERIZATION, PERFORMANCE AND FAILURE ANALYSIS OF INDUSTRIAL COMPONENTS Dr. M. Jagannatham Manager (R&D), R&D Division, Wheels India Limited, Chennai.</p>	<p>SESSION 12 (11:00 AM to 1:00 PM) ROLE OF PHOTO ELASTICITY IN FRACTURE AND DAMAGE MECHANICS OF MATERIALS Dr. M. Prasanth Kumar, Associate Professor, ANITS, Visakhapatnam</p>	<p>1:00 PM VALEDICTORY followed by ONLINE QUIZ(1hr)</p>

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Dr. M. Prasanth Kumar
Associate Professor,
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Program Evaluation Committee (PEC) Report

On


AICTE sponsored online STTP on "Failure and Damage Mechanics of High Performance Engineering Materials"


(Phase-II)

10th August, 2020 – 15th August, 2020

Anil Neerukonda Institute of Technology and Sciences (ANITS), Department of Mechanical Engineering, has organized AICTE Sponsored online Short Term Training Program on "**Failure and Damage Mechanics of High Performance Engineering Materials**" (Phase – II) from **10th August, 2020 – 15th August, 2020**. The STTP program received an overwhelming response from participants hailing from various institutes /colleges approved by AICTE and affiliated to universities such as JNTU's and Deemed Universities such as GITAM and KLU from across the states of Andhra Pradesh and Telangana. A total of 186 participants were short listed for the program, out of which 88 were outstation participants and 14 were internal participants. A total of 12 resource persons handled all the sessions, in this STTP, out of whom 10 were from various premier academic institutions & industries across India and 2 were from ANITS (approved by AICTE). Further a practical session on failure analysis problem using ansys is arranged for the benefit of all participants along with regular 12 sessions.

This program was aimed to invoke the failure and damage mechanics of the materials both at microscopic and macroscopic levels. It is intended to understand the intricacies of experimental investigation of fracture and damage parameters and further gives an opportunity to the enthusiastic researchers to enlighten themselves with the mathematical modelling of fracture analysis. The participants are enormously benefited by the content delivered by the speakers.


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Day wise details of happenings reported as follows:

Day 1: MONDAY 10.08.2020

Inauguration of the STTP



SESSION -1 (9.30AM-11.30AM)

Topic: Dynamic analysis of cracks in high performance engineering materials

Resource person: Dr. K. Viswanath Allamraju, Professor, Institute of Aeronautical Engineering, Dundigal, Hyderabad.

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Defects
- Crack Propagation
- Dynamic analysis of crack
- Types- Homogeneous & Heterogeneous
- Case studies

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

SESSION -2 (2PM-4PM)

Topic: Failure analysis of laminated composite structures

Resource person: Dr. N. V. Swamy Naidu, Associate Professor, NIT Raipur

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Classical Lamination Theory
- Failure criteria for metals
- Damage mechanics of Laminated Composites

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- Fibre level mechanics
- Matrix level damage mechanics
- First-Ply Failure Theories

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

DAY -2: TUESDAY 11.08.2020

SESSION -3 (9.30AM-11.30AM)

Topic: Fatigue & fracture: methods, mechanics & mechanisms for structural integrity

Resource person : Dr. N. Narasaiah, Professor, NIT , Warangal.

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Fatigue failures
- Fracture mechanisms
- Strength of materials Vs Fracture Mechanics
- Crack growth
- Fracture Toughness and design

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

SESSION -4 (2PM-4PM)

Topic: Fracture mechanics of engineering materials

Resource person : Dr. N. Mani, Professor, Sri Sairam Engineering College, Chennai

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Fracture Mechanics
- Different materials and failure
- Approaches/Methods
- Characterizing Fracture process
- Case studies in engineering applications

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The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

DAY-3: WEDNESDAY 12.08.2020

SESSION -5 (9.30AM-11.30AM)

Topic: Metallurgical failure analysis of automotive components

**Resource person: Mr. G. V. Sarath Kumar, Senior Manager, Materials Engineering,
Ashok Leyland Technical center, Chennai**

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure criterion
- Analysis & learnings
- Impact of failures in Automobiles
- Stages in failure analysis
- Fracture surface & Principles

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

SESSION -6 (2PM-4PM)

Topic: Fracture mechanics and mechanical behaviour of friction stir welds

Resource person : Dr. N. Ramanaiah, Professor, AUCE(A), Visakhapatnam

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- What is Fracture
- Ductile & Brittle fractures
- Fatigue Process
- Fracture Mechanics
- Modes of failure

The session ended by a formal vote of thanks by Dr. B. Nagaraju, Professor, Dept. of Mech, ANITS


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DAY-4: THURSDAY 13.08.2020

SESSION -7 (9.30AM-11.30AM)

Topic: Fatigue analysis of composite materials: challenges & industrial applications

Resource person: Dr. S. Deepak Kumar, Assistant Professor, Birla Institute of Technology Mesra, Ranchi

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Fatigue in Composites
- Failure Mechanics
- Failure analysis of metal matrix composites
- Current trends & on-going Research
- Case studies-mAutomobiles & Aerospace components

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

SESSION -8 (2PM-4PM)

Topic: Evaluation of failures and damages through dislocation theory

Resource person : Dr. A. PRASAD REDDY, Associate Professor, K. S. R. M. College of Engineering (Autonomous), Kadapa

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Dislocation climb
- Intersection of dislocations
- Jogs
- Dislocation sources
- Multiplication of dislocations
- Dislocation-point defect interactions
- Dislocation pile-ups

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

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DAY-5: FRIDAY, 14.08.2020

SESSION -9 (9.30AM-11.30AM)

Topic: Damage mechanics and fatigue behaviour of fibre reinforced composites

Resource person : Dr. S. Madhusudan, Professor, URCE, Vijayawada

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- High and Low cycle Fatigue
- Cyclic & Static Fatigue
- Crack growth
- Classification of fatigue loading conditions
- Modes of fatigur crack growth
- Empherical relations

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

SESSION -10 (2PM-4PM)

Topic: Metllurgical failure investigation of power plant components

Resource person: Dr.M. Ananda Rao, Principal Scientist, CSIR, National Metallurgical Laboratory, Chennai

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure analysis
- Types of failures
- Fire side corrosion
- Water side corrosion
- Case studies

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst. Professor, Dept. of Mech, ANITS

DAY-6: SATURDAY 15.08.2020

SESSION -11 (9.30AM-11.30AM)

Topic: Characterization, performance and failure analysis of industrial components

Resource person : Dr. M. Jagannatham, Manager (R&D), R&D Division, Wheels India Limited, Chennai

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Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Materials Characterisation techniques
- Diffraction methods
- Instruments
- Crystal size measurement
- XRD & Electron diffraction
- Corrosion

Dr. M. Prasanth Kumar, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

SESSION-12 (11.30AM-1:00PM)

Topic: Role of photo elasticity in fracture and damage mechanics of materials

Resource person: Dr. M. Prasanth Kumar, Asst. Professor, ANITS, Visakhapatnam

Dr. B Nagaraju ,HoD, coordinator, commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

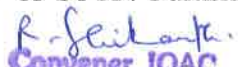
- Stress Analysis
- Photoelasticity
- Polariscope
- Principle
- Advantages
- Fracture Mechanics
- 3D Photoelasticity
- Photostress Coatings


Dr. B Nagaraju ,HoD, coordinator, commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

Valedictory: 15.08.2020 (1.00 PM)

Prof. T.V.Hanumantha Rao, principal ANITS and chair person for the program graced the Valedictory ceremony as the chief guest.

Dr. B Nagaraju ,HoD, coordinator for the STTP welcomed the chief guest, dignitaries and delegates present in the valedictory session. On this occasion, Prof. T.V. Hanumantha Rao in his message appreciated Program coordinator Dr.B NagaRaju for the successful completion of the first phase of STTP. Further, he appreciated the ANITS management for promoting such


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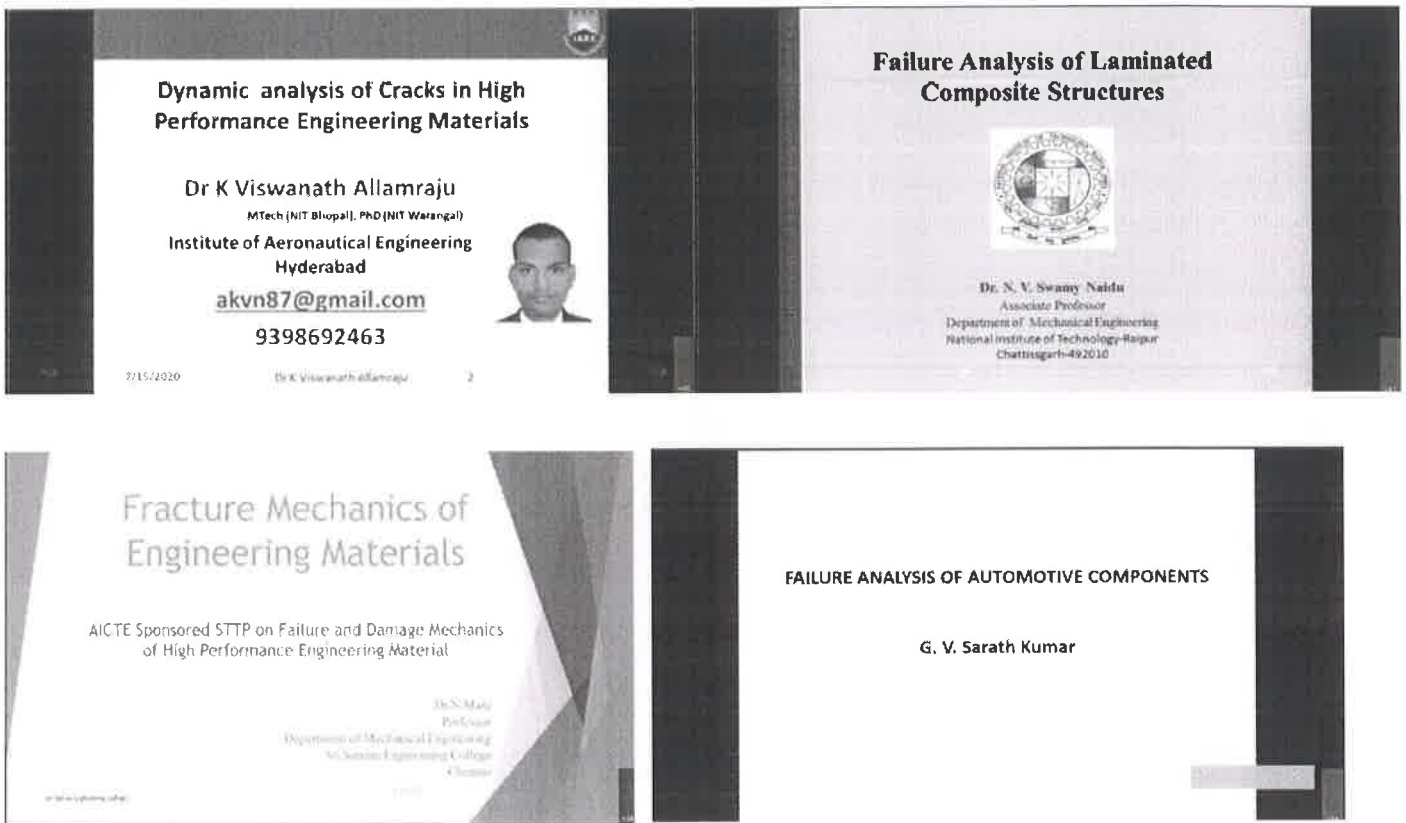

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development programmes for faculty members. Dr. B NagaRaju congratulated all the participants for attending the STTP and informed that the certificates will be issued to the participants who have maintained a minimum of 75% attendance and 50% score in the quiz going to be conducted after the valedictory. Mr. J V Bhanutej collected the feedback on the program from the participants. Finally, Dr B NagaRaju Co-coordinator concluded the STTP with vote of thanks.

Evaluation: 15.08.2020 (2.00 PM)

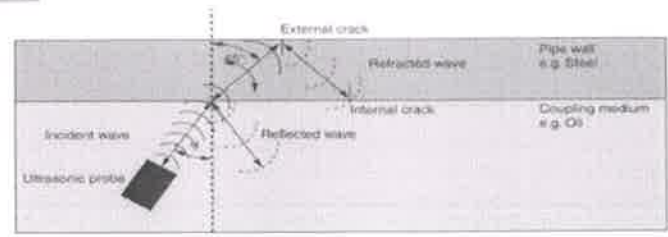
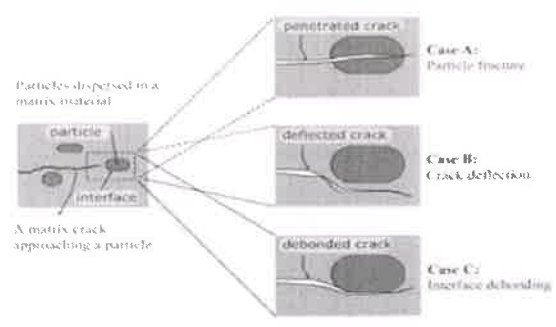
On the 6th day of the program, a quiz exam for 40 marks was conducted based on the sessions held in the week to test the participants. Out of the 186 participants, 88 were successful in the test. The certificates were awarded to those participants who scored a minimum of 50% marks and were present for a minimum of 9 sessions out of 12 sessions. The questionnaire of the quiz exam was approved by the PEC.

SAMPLE PHOTOS



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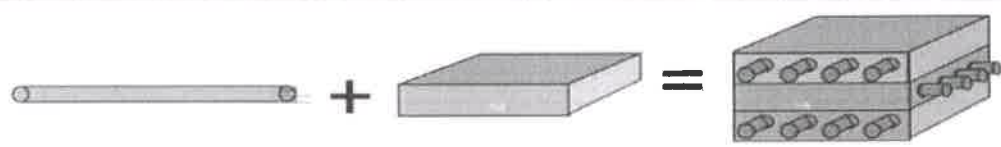
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Dr. N.V. Swamy/Madu, Associate Professor, Dept. of Mechanical Engineering

Mechanics of Composite Materials

Introduction : Laminated Composite Materials



Fiber/Filament Reinforcement

- High strength
- High stiffness
- Low density

Matrix

- Good shear properties
- Low density

Composite

- High strength
- High stiffness
- Good shear properties
- Low density

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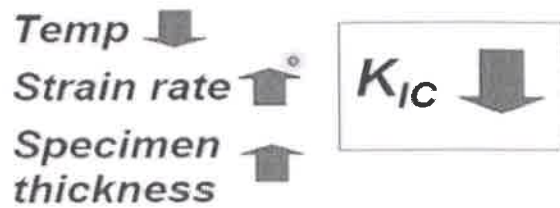
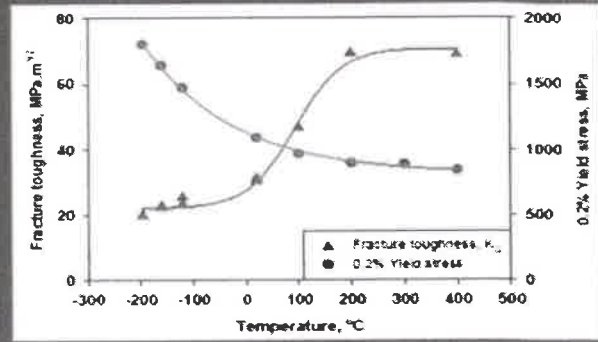
Variables affecting fracture toughness K

- Metallurgical factors

- Microstructure, inclusions, impurities
- Composition
- Heat treatment
- Thermo-mechanical processing

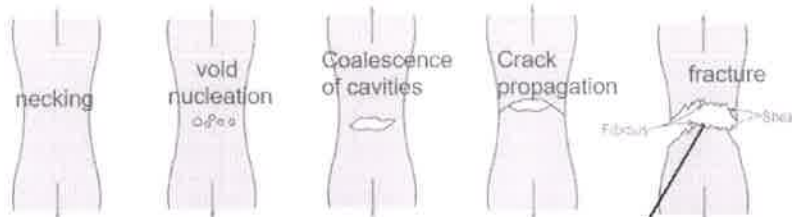
- Test conditions

- Temperature
- Strain rate
- Specimen thickness



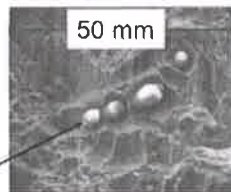
Moderately Ductile Failure

- Evolution to failure:

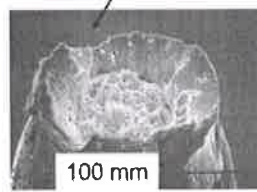


- Resulting fracture surfaces (steel)

particles serve as void nucleation sites.



From V.J. Cantagallo and F.A. Hesse, Analysis of Metallurgical Failures (2nd ed.), Fig. 11.28, p. 264, John Wiley and Sons, Inc. 1987. (Orig. source: © Thomson / Water Sci. Vol. 6, 1971, pp. 347-561)



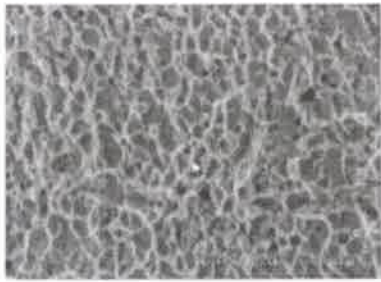
Fracture surface of steel wire loaded in tension. Courtesy of F. Roering, CC Technologies, Dublin, OH. Used with permission.

<https://www.youtube.com/watch?v=EdwCh1JWylBI>

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Ductile fracture



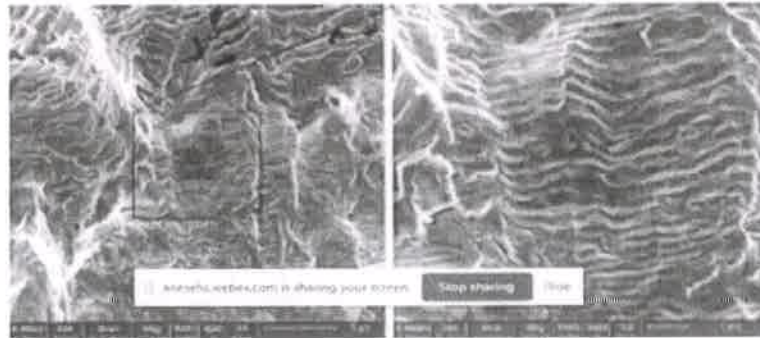
Brittle fracture



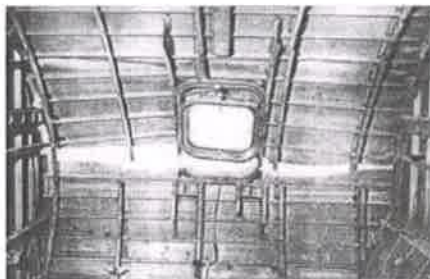
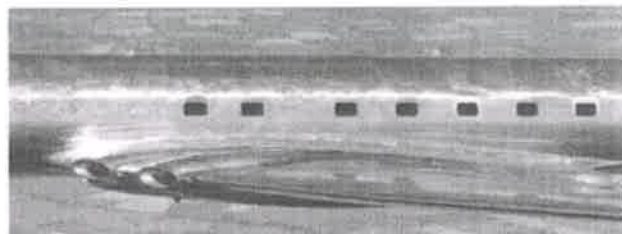
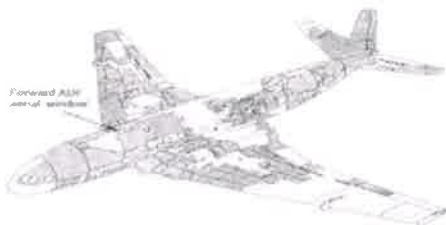
Creep fracture



Fatigue fracture



Analysis and learnings from de Havilland comet



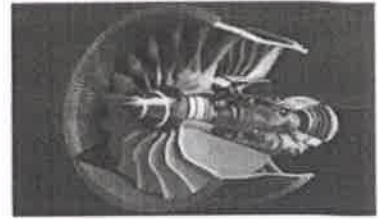
- o Series of in-flight failures leading to immense loss of lives, property and reputation.
- o So, what went wrong?
- o What learnings it led to?
- ✓ Practical concepts of fatigue came in to existence.
- ✓ Stress concentration and stress intensity factor could be appreciated by the designers.
- ✓ Massive physical simulators made to understand the failures.
- ✓ Introduction of radiography for inspection of components.

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Industry Needs

Fatigue of Composites a Real Issue

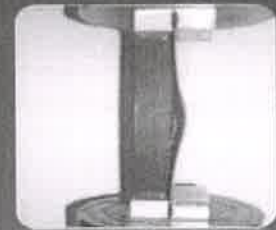


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MODES OF FATIGUE CRACK GROWTH

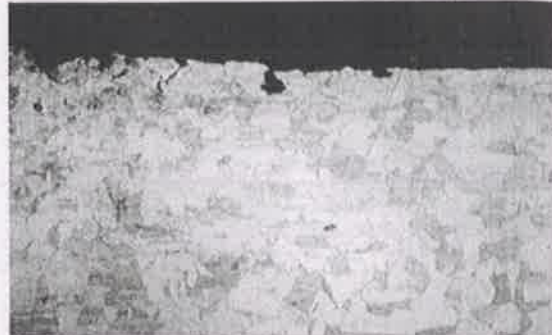
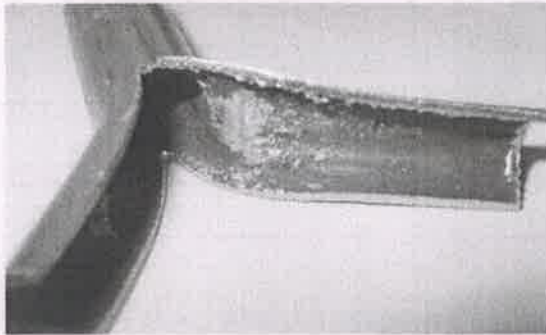
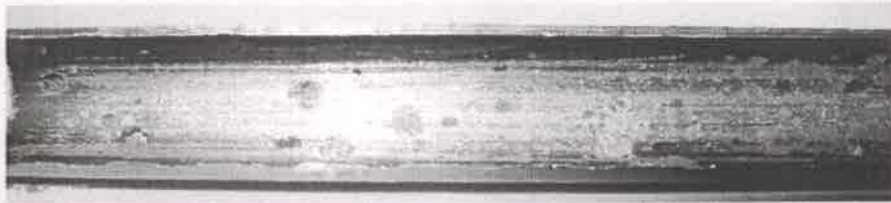
FATIGUE DAMAGE IN FRPS OCCURS AT:

- Multiple locations such as fiber breakage, delamination, debonding and matrix cracking

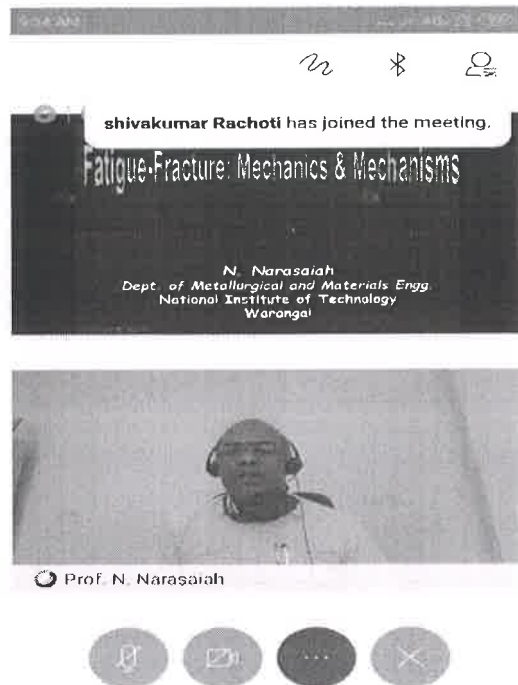


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Pitting corrosion observed on cut cross section of a cupro-nickel tube from a turbine lub-oil cooler



STTP coordinator
 Dr.B.NagaRaju
 HoD & Professor, MECH

Principal
 Prof.T.V.Hanumantha Rao
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DEPARTMENT OF MECHANICAL ENGINEERING ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (AUTONOMOUS)




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Sangivalasa - 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist. Andhra Pradesh, India.


CERTIFICATE

This is to certify that


has participated in AICTE sponsored A One Week Online Short Term Training Program (STTP) on "Failure and Damage Mechanics of High Performance Engineering Materials-Phase-II", from 10th to 15th August, 2020.




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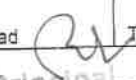
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at ANITS:

Anil Neerukonda Institute of Technology & Sciences (ANITS) was established by the Anil Neerukonda Educational Society (ANES), which was founded by Dr. R. Prasad, an NRI philanthropist from USA. This institute was started in the year 2001 and is affiliated to Anna University. The institution offers seven undergraduate programs and five Masters programs. It is a 30 minute drive from Visakhapatnam to reach the campus, which spreads over 14 acres of land. ANITS has emerged as one of the best colleges among the 198 colleges started in A.P along with it and later.

about the Department:

The department of Mechanical Engineering is established in the year 2005 with the state of art laboratories and research facilities which are being upgraded continuously every year. The department was accredited by NBA in the year 2012 and reaccredited in the year 2016. Presently it has an intake of 240 at UG level and 18 at PG level. The department has faculty strength of 48 with ten Doctorates. The department notes research activity vigorously which has resulted in the publication of more than 240 papers in the inception in National/International Journals/Conferences. The department received grants from Centrally sponsored organizations like AICTE, DST, ISTE totaling to an amount of Rs. 10,000/- for organizing induction programme, seminars, MODROBS.

Registration Details:

Please go through the following URL for registration <https://forms.gle/h1PhAHauCRRQYrCA>. There is 'NO REGISTRATION FEE' for participants. Only the participants with minimum of 50% attendance and 50% score in final online quiz are eligible for award of Participation e-Certificate.

Objective of STTP

Over the years, the material technologists devised new and useful materials not ordinarily found in nature. From automobiles to aircraft, sporting goods to skyscrapers, clothing to computers and a host of electronic devices, there have been a wide spectrum of high performance engineering materials.

Metals, polymers, ceramics, composites and every other class of materials have been subjected to profound research in enhancing their properties resulting in evolution of high performance materials. The material scientists have devised ways of inventing materials by altering the micro structures through alloying (or) adding reinforcements to produce super-strong or ultra-hard or corrosive resistant or high heat resistant super alloy materials that suit the specific design requirements. It is necessary to have an insight into the failure mechanics of such materials.

The objective of the STTP is to invoke the failure and damage mechanics of these materials at both microscopic and macroscopic levels. The seminar is intended to understand the intricacies of the experimental investigations of fracture and damage parameters. It also further gives an opportunity to the researchers to enlighten themselves with the mathematical modelling of fracture analysis.

This programme will immensely benefit the faculty and research scholars to upgrade their knowledge in the new class of materials that are evolving.

Contents

- ☐ Fracture and Failure Mechanisms: Micro and Macro Fractography
- ☐ Failure of Weldments
- ☐ Deformation and Fracture Mechanism of Titanium During Dissimilar Friction Stir Welding of Aluminium to Titanium
- ☐ Damage Tolerance & Methods of Improving Damage Tolerance, Failure Predictions
- ☐ Analysis of damages and inspection methods.
- ☐ Lubricant Tribology and Failure Analysis of Engg. Components
- ☐ Industrial Case Studies, Applications and Scope of Research
- ☐ Recent advances in Aluminium Technology and Failure analysis of Industrial components
- ☐ Corrosion Failures of Welded Joints: Case Studies

Organizing Committee:

Chief Patron:

Dr. N. B.R Prasad

Chairman, ANES.

Patron:

Dr. T. V.Hanumnatha Rao

Principal, ANITS.

Chairman and Co-ordinator:

Dr.B.Naga Raju

Professor & HOD

Department of Mechanical Engineering

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Co-Coordinators:

Dr.M. Prasanth Kumar, Asst. Prof., Dept. of Mech. Engg. ANITS.

Mr.J. V. Bhanutej , Asst. Prof., Dept. of Mech. Engg. ANITS.

Resource Persons

- Dr. A.K.Singh Scientist - G, Head Structure and Failure Analysis Group, DMRL, Hyd.
- Dr. N. Narasaiah, Professor, Dept. of Mech. Engg., NIT - Warangal.
- Dr. Ratna Kumar Annabattula, Associate Prof., Dept. of Mech. Engg., IIT-Madras.
- Dr. Balasubramaniam Vengudusamy, Senior Research Tribologist, Klüber Lubrication, Munich, Germany.
- Dr. Mahesh Kumar Talari, Associate Professor, Dept. of Metallurgical and Materials Engineering, NIT -Warangal.
- Dr. Amlan Kar, Assistant Professor, Dept. of Mech. Engg., IIT (ISM) Dhanbad.
- Dr. Raffi Mohammad, HOD & Asst. prof., Dept. of M & M Engg., NIT - Andhra Pradesh.
- Dr. M. Jagannatham, Manager (R&D), R&D Division, Wheels India Limited, Chennai.
- Dr. Ebenezer D, Scientist, Innovation Center, TATA Chemicals Ltd. Pune.
- Dr. M Srinivas, Scientist-D, Naval Science & Technological Laboratory, Vishakhapatnam.
- Dr. B. NagaRaju, Professor, Dept. of Mech. Engg., ANITS, Visakhapatnam.



A one week Online Short Term Training Program (STTP) on Failure and Damage Mechanisms of High Performance Engineering Materials

(Phase-III)

14th to 19th September, 2020



Sponsored by

All India Council for Technical Education

Co-ordinator

Dr.B.Naga Raju, Professor & HOD
Department of Mechanical Engineering

Organized by

Department of Mechanical Engineering
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UGC Autonomous, Accredited by NBA & NAAC with 'A'
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Convener, IQAC

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Date: 22-08-2020

Minutes of Meeting of PEC for the STTP Phase-III in the dept. of Mechanical Engineering

Agenda:

1. Resource persons from industry
 2. Registration of participants
 3. Corrective measures based on the feedback of Phase-II
 4. Any other item with the permission from the chairperson.
-
1. The chairperson felt that the resources persons need not to be restricted only to academicians and researchers. It is also important to identify industry related persons who handle practical problems and also their solutions. The committee also felt the need to identify the speakers from industry as they would be in a position to give practical examples and moreover the program will be more dynamic with the inclusion of persons from different spheres.
 2. It was observed by the chairman that though the number of registrations is high, the number of actual participants was bit low. He felt that with the unlock of educational institutions and other organizations, the faculty and the participants from other walks of life will be busy with their daily routine and therefore may not be able to attend.
 3. The participants were satisfied with the resource persons and the topics covered in phase - II, which was reflected in their feedback. The committee took note of the feedback and was also satisfied.

The chairman thanked all the members for their presence and informed that the next and final meeting will be held in the next month.

22-8-20
STTP coordinator
Dr. B. NagaRaju
Professor & HoD, MECH.

Principal
Prof. T.V. Handmantha Rao
Principal, ANITS

PROFESSOR & HEAD
Department of Mechanical Engineering
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CC to: 1. All the PEC members

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A one week Online Short Term Training Program (STTP)
on

**Failure and Damage Mechanics
of High Performance Engineering Materials
(Phase-III)**



14th to 19th September, 2020

**DEPARTMENT OF MECHANICAL ENGINEERING
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES**

SCHEDULE

DAY 1 Monday 14-09-2020	9.00 AM to 9.30 AM Inauguration of the STTP Prof.T. V. HanumanthaRao, Principal, ANITS.		
	SESSION 1 (9:30 AM to 11:30 AM) LUBRICANTS TRIBOLOGY AND RELATED FAILURE MECHANISMS Dr. Balasubramaniam Vengudusamy Senior Research Tribologist, Klüber Lubrication, Munich, Germany	SESSION 2 (2:00 PM to 4:00 PM) THEORIES OF FAILURE MECHANISMS AND ITS ANALYSIS- A RESEARCH PERSPECTIVE Dr. B. NagaRaju Professor, ANITS, Visakhapatnam	
DAY 2 Tuesday 15-09-2020	SESSION 3 (9:30 AM to 11:30 AM) FRACTURE AND FAILURE MECHANISMS: MICRO AND MACRO FRACTOGRAPHY Dr. N. Narasaiah Professor National Institute of Technology, Warangal.	SESSION 4 (2:00 PM to 4:00 PM) FRACTURE BEHAVIOUR, DAMAGE TOLERANCE & FAILURE PREDICTIONS Dr. S. Madhusudan Professor, URCE, Vijayawada.	
DAY 3 Wednesday 16-09-2020	SESSION 5 (9:30 AM to 11:30 AM) FAILURE OF WELDMENTS Dr. Mahesh Kumar Talari Associate Professor, Dept. of Metallurgical and Materials Engineering, NIT -Warangal.	SESSION 6 (2:00 PM to 4:00 PM) CHARACTERIZATION TOOLS FOR THE ASSESSMENT OF FAILURE AND DAMAGES IN ENGINEERING COMPONENTS Dr. M Srinivas, Scientist- D Naval Science & Technological Laboratory, Vishakhapatnam.	
DAY 4 Thursday 17-09-2020	SESSION 7 (9:30 AM to 11:30 AM) DYNAMIC COMPRESSIVE BEHAVIOUR OF HEXAGONAL HONEYCOMB STRUCTURES FOR ENERGY ABSORPTION Dr. Ratna Kumar Annabattula, Associate Prof., Dept. of Mech. Engg., IIT-Madras.	SESSION 8 (2:00 PM to 4:00 PM) JOINING OF PLASTICS & BEHAVIOUR OF FAILURES AND DAMAGES IN WELDED JOINTS-AN INDUSTRIAL PERSPECTIVE Mr. G. Satya Ravi Teja Senior Research and Development Engineer, Global R&D filler metals, ESAB INDIA LTD, CHENNAI	
DAY 5 Friday 18-09-2020	SESSION 9 (9:30 AM to 11:30 AM) CORROSION FAILURES OF WELDED JOINTS: CASE STUDIES Dr. Raffi Mohammad, HOD & Asst. prof., Dept. of M & M Engg., NIT - Andhra Pradesh.	SESSION 10 (1:00 PM to 3:00 PM) FAILURE ANALYSIS: SELECTED CASE STUDIES Dr. A.K. Singh, Scientist - G, Head Structure and Failure Analysis Group, DMRL, Hyderabad.	PRACTICAL SESSION ON FAILURE ANALYSIS PROBLEM USING ANYSIS (3:30 PM to 4:30 PM) Mr. J.V. Bhanu Tej Assistant Professor, ANITS, Visakhapatnam
DAY 6 Saturday 19-09-2020	SESSION 11 (9:00 AM to 11:00 AM) RECENT ADVANCES IN ALUMINIUM TECHNOLOGY AND FAILURE ANALYSIS OF INDUSTRIAL COMPONENTS Dr. M. Jagannatham Manager (R&D), R&D Division, Wheels India Limited, Chennai. <i>R. Senthil</i> Convener, IAC Anil Neerukonda Institute of Technology & Sciences Sangivalasa-531 162 Visakhapatnam Dist	SESSION 12 (11:00 AM to 1:00 PM) DEFORMATION AND FRACTURE MECHANISM OF TITANIUM DURING DISSIMILAR FRICTION STIR WELDING OF ALUMINIUM TO TITANIUM Dr. Amlan Kar, Asst. Prof., Dept. of Mech. Engg., IIT (ISM) Dhanbad.	1:00 PM VALEDICTORY followed by ONLINE QUIZ(1hr)



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)

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Program Evaluation Committee (PEC) Report

On

AICTE sponsored online STTP on "Failure and Damage Mechanics of High Performance Engineering Materials"

(Phase-III)

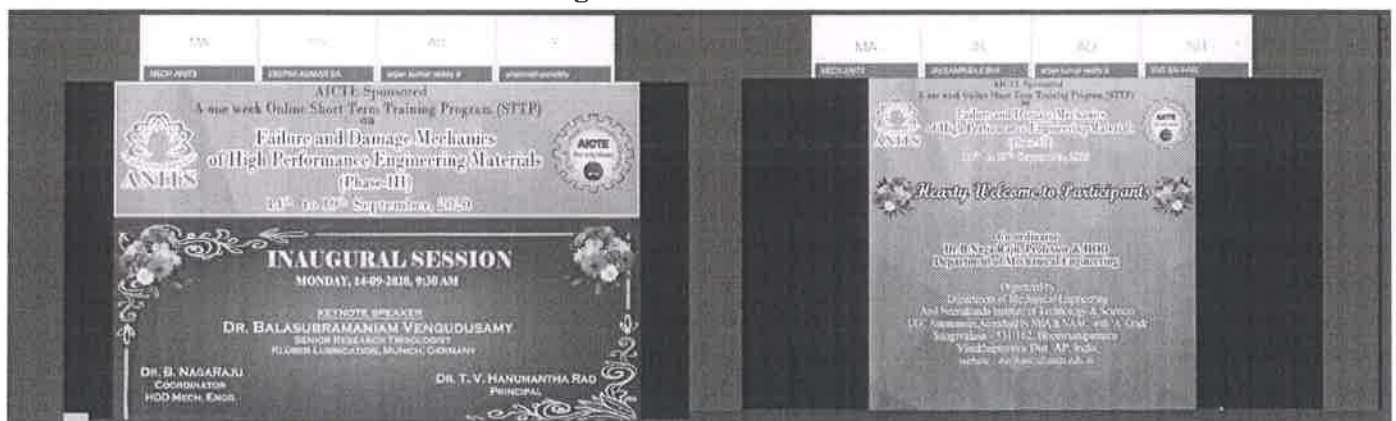
14th September, 2020 – 19th September, 2020

Anil Neerukonda Institute of Technology and Sciences (ANITS), Department of Mechanical Engineering, has organized AICTE Sponsored online Short Term Training Program on "Failure and Damage Mechanics of High Performance Engineering Materials" (Phase – III) from 14th September, 2020 – 19th September, 2020. The STTP program received an overwhelming response from participants hailing from various institutes /colleges approved by AICTE and affiliated to universities such as JNTU's and Deemed Universities such as GITAM and KLU from across the states of Andhra Pradesh and Telangana. A total of 118 participants were short listed for the program, out of which 57 were outstation participants and 12 were internal participants. A total of 12 resource persons handled all the sessions, in this STTP, out of whom 10 were from various premier academic institutions & industries across India and 2 were from ANITS (approved by AICTE). Further a practical session on failure analysis problem using ansys is arranged for the benefit of all participants along with regular 12 sessions.

This program was aimed to invoke the failure and damage mechanics of the materials both at microscopic and macroscopic levels. It is intended to understand the intricacies of experimental investigation of fracture and damage parameters and further gives an opportunity to the enthusiastic researchers to enlighten themselves with the mathematical modelling of fracture analysis. The participants are enormously benefited by the content delivered by the speakers.

Day 1: MONDAY 14.09.2020

Inauguration of the STTP



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SESSION -1 (9.30AM-11.30AM)

Topic: Lubricants Tribology and related failure mechanics

Resource person: Dr. Balasubramaniam Vengudusamy, Senoir Research Tribologist, Kluber Lubrication, Munich, Germany.

Dr.B NagaRaju, Professor& HoD, commenced the session by welcoming the resource person and delegates. He briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Micro level Damage Mechancics
- Matrix level Damage Mechancics
- Criteria for Failure and Damage
- Factors Affecting Fracture
- Fracture Mechanics

The session ended by a formal vote of thanks by Dr.B Naga Raju, Professor and Head, Mechanical Engg. ANITS

SESSION 2

(2:00 PM to 4:00 PM)

THEORIES OF FAILURE MECHANISMS AND ITS ANALYSIS- A RESEARCH PERSPECTIVE

Dr. B. NagaRaju

Professor,

Dr.M.Prasanth Kumar , Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Types of fracture in metals
- Theoretical cohesive strength of metals
- The development in theories of brittle fracture
- Fractographic observation in brittle fracture
- Ductile fracture
- Ductile to brittle transition behaviour
- Intergranular fracture
- Factors affecting modes of fracture
- Concept of the fracture curve

The session ended by a formal vote of thanks by Dr.M Prasanth Kumar, Asst.Professor, Dept.of Mechanical, ANITS


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DAY -2: TUESDAY 15.9.2020

SESSION -3 (9.30AM-11.30AM)

Topic: Fracture and Failure Mechanisms: Micro and Macro fractrography

Resource person : Dr. N. Narasaiah, Professor, NIT , Warangal.

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- What is failure
- Failure modes
- Purpose of Failure analysis
- Causes of failure
- Steps involved in conducting a failure analysis
- Examine fracture-Macroscopic fracture features and Microscopic fracture features
- Fracture Mechanics

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS

SESSION -4(2PM-4PM)

Topic: Fracture behaviour, damage tolerance & failure predictions

Resource person : Dr.S. Madhusudan, Professor, URCE, Vijayawada

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Characteristics of composites
- Isotropy & Anisotropy
- Damage Tolerance
- Methods of improving damage tolerance
- Failure predictions

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS

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DAY-3: WEDNESDAY 16.9.2020

SESSION -5 (9.30AM-11.30AM)

Topic: Failure of weldments

Resource person : Dr. Mahesh Kumar Talari, Associate Professor, Dept. of MME, NIT Warangal

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure of weldments
- Welding Defects

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS

SESSION -6(2PM-4PM)


Topic: Characterization tools for the assessment of failure and damages in engineering components

Resource person : Dr. M. Srinivas, Scientist-D, NSTL , Visakhapatnam

Dr. B. Nagaraju, Professor, commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Optical microscopy
- Scanning electron microscopy
- Transmission electron microscopy
- X-Ray Diffractometry
- Differential Scanning Calorimetry
- Corrosion measurements

The session ended by a formal vote of thanks by Dr. B. Nagaraju, Professor, Dept.of Mech, ANITS


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DAY-4: THURSDAY 17.9.2020
SESSION -7 (9.30AM-11.30AM)

Topic: Dynamic compressive behaviour of hexagonal honeycomb structures for energy absorption

Resource person: Dr. Ratna Kumar Annabattula, Associate Professor, Dept. of ME, IIT Madras

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Macroscopic in plane compressive behaviour
- Modeling of shock deformation in cellular solids
- Dynamic crushing of regular honeycombs
- Effect of missing cell walls on the dynamic response of hexagonal honeycombs
- Dynamic compressive behaviour of auxetic and non-auxetic hexagonal honeycombs with entrapped gas

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS

SESSION 8 (2:00 PM to 4:00 PM)

**JOINING OF PLASTICS &
BEHAVIOUR OF FAILURES AND DAMAGES IN WELDED JOINTS-AN
INDUSTRIAL PERSPECTIVE**

Mr. G. Satya Ravi Teja

**Senior Research and Development Engineer,
Global R&D filler metals, ESAB INDIA LTD, CHENNAI**

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Design rules for plastics
- Joining Methods for plastics
- Temporary Methods & Joint Failure Modes
- Permanent Methods & Joint Failure Modes

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS

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DAY-5: FRIDAY, 18.9.2020

SESSION -9 (9.30AM-11.30AM)

Topic: Corrosion failures of welded joints: Case studies

Resource person : Dr Raffi Mohammad, HOD & Asst. Prof., Dept. of M&M E, NIT-AP

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Basic concepts of Corrosion
- Significance/Importance of understanding corrosion
- Corrosion failures of Welded joints: Case studies (High Nitrogen Steel)
- Preventive Methods for Corrosion Failures

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS

SESSION -10(2PM-4PM)

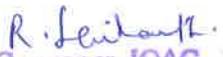
Topic: Failure Analysis: Selected Case studies

Resource person: Dr. A. K. Singh, Scientist-G, Head Structure and Failure Analysis Group, DMRL, Hyderabad

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure modes
- Purpose of Failure analysis
- Causes of failure
- Steps involved in conducting a failure analysis
- Case Study -1
- Case Study-2
- Case Study-3

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS


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DAY-6: SATURDAY 19.9.2020
SESSION -11 (9.00AM-11.00AM)

Topic: Recent advances in aluminum technology and failure analysis of industrial components

Resource person : Dr. M. Jagananatham, Manager (R&D), R&D Division, Wheels India Limited, Chennai

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Aluminium and its alloys
- Heattreatment of aluminium alloys
- Prscipitation hardening
- Failure analysis of aluminum components
- Calculation of crack propagation rate in aluminium alloys

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS

SESSION-12(11.00AM-1:00PM)

Topic: Deformation and Fracture mechanism of titanium during dissimilar friction stir welding of aluminium & titanium

Resource person: Dr. Amlan Kar, Asst. Professor, Dept. of ME, IIT(ISM) Dhanbad.

Dr. M. Prasanth Kumar, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Friction stir welding
- Complications associated with dissimilar weld joints
- Fracture propagation in dissimilar weld joints
- Deformation and fracture mechanism in dissimilar friction stir welds

The session ended by a formal vote of thanks by Dr. M. Prasanth Kumar, Asst.Professor, Dept.of Mech, ANITS

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Valedictory: 19.9.2020(01:00 PM)

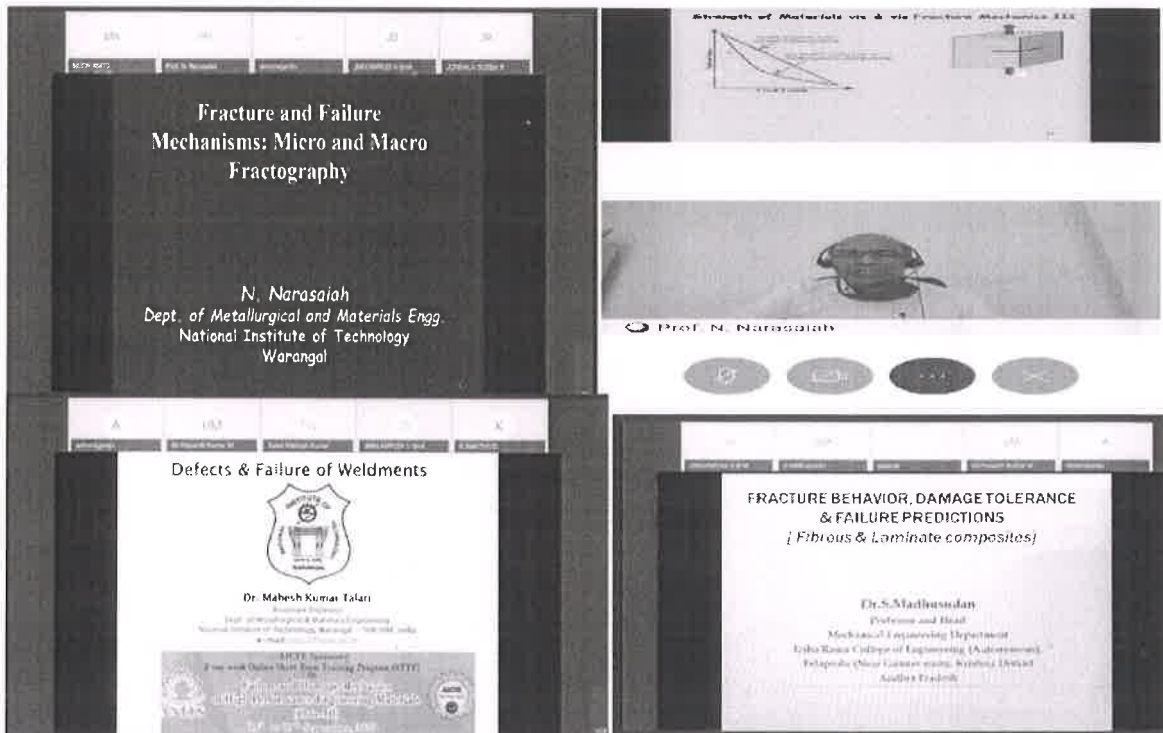
Prof. T.V.Hanumantha Rao, principal ANITS and chair person for the program graced the Valedictory ceremony as the chief guest.

Dr. B Nagaraju ,HoD, coordinator for the STTP welcomed the chief guest, dignitaries and delegates present in the valedictory session. On this occasion, Prof. T.V. Hanumantha Rao in his message appreciated Program coordinator Dr.B NagaRaju for the successful completion of the first phase of STTP. Further, he appreciated the ANITS management for promoting such development programmes for faculty members. Dr. B NagaRaju congratulated all the participants for attending the STTP and informed that the certificates will be issued to the participants who have maintained a minimum of 75% attendance and 50% score in the quiz going to be conducted after the valedictory. Mr. J V Bhanutej collected the feedback on the program from the participants. Finally, Dr B NagaRaju Co-coordinator concluded the STTP with vote of thanks.

Evaluation: 19.9.2020(02:00 PM)

On the 6th day of the program, a quiz exam for 40 marks was conducted based on the sessions held in the week to test the participants. Out of the 118 participants, 57 were successful in the test. The certificates were awarded to those participants who scored a minimum of 50% marks and were present for a minimum of 9 sessions out of 12 sessions. The questionnaire of the quiz exam was approved by the PEC.

SAMPLE PHOTOS



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STTP coordinator
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 HoD & Professor, MECH

Principal
 Prof.T.V.Hanumantha Rao
 Principal, ANITS

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DEPARTMENT OF MECHANICAL ENGINEERING
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CERTIFICATE

This is to certify that

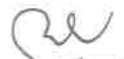
has participated in AICTE sponsored A One Week Online Short Term Training Program (STTP) on "Failure and Damage Mechanics of High Performance Engineering Materials-Phase-III", from 14th to 19th September, 2020.




Dr. B. NagaRaju
Coordinator &
HOD - Mech Engg.


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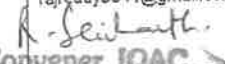

Dr. T. V. Hanumantha Rao
Principal



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ANNEXURE - I

LIST OF PARTICIPANTS

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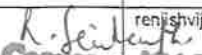
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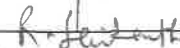
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118	Dr Challa Suresh	drchallasuresh@gmail.com	Associate Professor	Avanathi Institute of Engineering and Technology and Technology, Narsipatnam	Visakhapatnam	Andhra Pradesh	8886401213

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out ANITS:

Anil Neerukonda Institute of Technology & Sciences (ANITS) was established by the Anil Neerukonda Educational Society (ANES), which was founded by Dr. B.R. Prasad, an NRI philanthropist from USA. This institute was started in the year 2001 and is affiliated to Andhra University. The institution offers seven undergraduate programs and five Masters programs. It is a 30 minute drive from Visakhapatnam to reach the campus, which spreads over 14 acres of land. ANITS has emerged as one of the best colleges among the 198 colleges started in A.P along with it and later.

about the Department:

The department of Mechanical Engineering is established in the year 2005 with the state of art laboratories and research facilities which are being upgraded continuously every year. The department was accredited by NBA in the year 2012 and reaccredited in year 2016. Presently it has an intake of 240 at UG level and 18 at PG level. The department has faculty strength of 48 with ten Doctorates. The department notes research activity vigorously which has resulted in the publication of more than 240 papers in the inception in National/International Journals/Conferences. The department received grants from Centrally sponsored organizations like AICTE, DST, ISTE totaling to an amount of Rs. 10,000/- for organizing induction programme, seminars, MODROBS..

Registration Details:

Please go through the following URL for registration <https://forms.gle/h1PhAHauCRRQYrCA>. There is 'NO REGISTRATION FEE' for participants. Only the participants with minimum of 60% attendance and 50% score in final online quiz are eligible for award of Participation e-Certificate.

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Objective of STTP

Over the years, the material technologists devised new and useful materials not ordinarily found in nature. From automobiles to aircraft, sporting goods to skyscrapers, clothing to computers and a host of electronic devices, there have been a wide spectrum of high performance engineering materials.

Metals, polymers, ceramics, composites and every other class of materials have been subjected to profound research in enhancing their properties resulting in evolution of high performance materials. The material scientists have devised ways of inventing materials by altering the micro structures through alloying (or) adding reinforcements to produce super-strong or ultra-hard or corrosive resistant or high heat resistant super alloy materials that suit the specific design requirements. It is necessary to have an insight into the failure mechanics of such materials.

The objective of the STTP is to invoke the failure and damage mechanics of these materials at both microscopic and macroscopic levels. The seminar is intended to understand the intricacies of the experimental investigations of fracture and damage parameters. It also further gives an opportunity to the researchers to enlighten themselves with the mathematical modelling of fracture analysis.

This programme will immensely benefit the faculty and research scholars to upgrade their knowledge in the new class of materials that are evolving.

Contents

- ❖ Failure Analysis of Aerospace Components and Structures
- ❖ Development and Fracture Behaviour of Nano Composites
- ❖ Mechanical Failure of Li-Ion Battery Components
- ❖ Failure and Damage Mechanics of Engineering Materials - A Metallurgical Perspective
- ❖ An Over View of Functionally Graded Materials - A Research Perspective
- ❖ Failure Analysis of Welded Structures
- ❖ Failure Analyses: Few case studies in Automobile and Railways
- ❖ Corrosion Damage and Measurements: Electrochemical Techniques
- ❖ Challenges and Applications

Organizing Committee:

Chief Patron:
Dr. N. B.R Prasad
Chairman, ANES.

Patron:
Dr. T. V.Hanumantha Rao
Principal, ANITS.

Chairman and Co-ordinator:
Dr.B.Naga Raju
Professor & HOD
Department of Mechanical Engineering
ANITS.

Cell: +91 9849820049
Email: hodmech@anits.edu.in

Co-ordinators:
Mr.J. V. Bhanutej , Asst. Prof., Dept. of Mech. Engg. ANITS.
Mr.P. S. V. N. B. Gupta, Asst. Prof., Dept. of Mech. Engg. ANITS.

Resource Persons

- Dr. S.V.S. Narayana Murty, Head, Materials Characterization Division, Vikram Sarabhai Space Centre, ISRO, Trivandrum.
- Dr. D. R. Peshwe, Professor, Dept. of M &M Engg, Visvesvaraya National Institute of Technology, Nagpur.
- Dr. A.K.Singh Scientist - G, Head, Structure and Failure Analysis Group, DMRL, Hyderabad.
- Dr. N. Narasaiah, Professor, Dept. of M &M Engg, NIT -Warangal.
- Dr. Kishore Babu Nagumothu, Associate Professor, Dept. of M &M Engg, NIT -Warangal.
- Dr. Mahesh Kumar Talari, Associate Professor, Dept. of M &M Engg, NIT -Warangal.
- Dr. A.V.Sreenu, Assistant Professor, MME Dept, RGUKT-NUZVID
- Dr. Raffi Mohammad, HOD & Asst. prof., Dept. of M &M Engg.,NIT - Andhra Pradesh.
- Dr. Ebenezer D, Scientist, Innovation Center, TATA Chemicals ltd. Pune.
- Dr. S. Madhusudan, Professor, URCE,Vijayawada.
- Dr. B. NagaRaju, Professor, Dept.of. Mech. Engg., ANITS, Visakhapatnam.

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A one week Online Short Term Training Program (STTP) on Failure and Damage Mechanisms of High Performance Engineering Materials

(Phase-IV)

12th to 17th October, 2020



Sponsored by
All India Council for Technical Education

Co-ordinator
**Dr.B.Naga Raju, Professor & HOD
Department of Mechanical Engineering**

Organized by
Department of Mechanical Engineering
Anil Neerukonda Institute of Technology & Sciences
UGC Autonomous, Accredited by NBA & NAAC with 'A'
Sangivalasa - 531 162, Bheemunipatnam
Visakhapatnam Dist. AP, India.
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(Date: 26-09-2020)

Minutes of Meeting of PEC for the STTP Phase-IV in the dept. of Mechanical Engineering

Agenda:

1. Resource persons
2. Registration of participants
3. Arrangements for hosting the program (online)
4. Corrective measures based on the feedback of Phase-III
5. Any other item with the permission from the chairperson.

1. The chairperson said that we have successfully completed the three phases of STTP and felt that the last phase will also be completed without any hiccups. The coordinator said that there is no dearth of resource persons and the services of industrial experts will also be used in the final STTP as well.
2. The number of actual participants was 118 . the committee took note of this aspect and felt that with the opening of institutions, there is bound to be a drop in the number of participants. It was observed that about 30 participants were present regularly for all the sessions in all the phases completed so far. They indeed obtained the maximum advantage in attending all the phases.
3. The coordinator brought to the notice of the committee that problems were experienced in recording the proceedings in the cloud. The chairperson said that this will be brought to the notice of CISCO webex from whom the software was brought. The network expert took note of this snag and immediately opted for offline recording.
4. All the participants except a few were satisfied with the inputs from the resource persons. However a few of the participants felt that the topics were very advanced. It was observed that such participants didn't attend the first phase which mainly dealt with the fundamentals.
5. The chairperson informed the coordinator that the necessary reports have to be prepared for submission to AICTE along with other documents.

26.9.20

STTP coordinator
Dr. B. NagaRaju
Professor & HoD, MECH.

Principal
Prof. T.V. Hanumantha Rao
Principal, ANITS

CC to: 1. All the PEC members

R. Srinanth
Convener, PEC

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A one week Online Short Term Training Program (STTP)
on

Failure and Damage Mechanics of High Performance Engineering Materials (Phase-IV)



12th to 17th October, 2020

DEPARTMENT OF MECHANICAL ENGINEERING
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES
SCHEDULE

	9.00 AM to 9.30 AM Inauguration of the STTP Prof.T. V. HanumanthaRao, Principal, ANITS.		
DAY 1 Monday 12-10-2020	SESSION 1 (9:30 AM to 11:30 AM) FAILURE ANALYSIS OF AEROSPACE COMPONENTS AND STRUCTURES Dr. S.V.S. NarayanaMurty Head, Materials Characterization Division, Vikram Sarabhai Space Centre, ISRO, Trivandrum.	SESSION 2 (2:00 PM to 4:00 PM) RECENT TRENDS AND RESEARCH POTENTIALS IN HIGH-PERFORMANCE ENGINEERING MATERIALS Dr. B. NagaRaju Professor, ANITS, Visakhapatnam	
DAY 2 Tuesday 13-10-2020	SESSION 3 (9:30 AM to 11:30 AM) FAILURE ANALYSIS: FEW CASE STUDIES IN AUTOMOBILE AND RAILWAYS Dr. N. Narasaiah Professor National Institute of Technology, Warangal.	SESSION 4 (2:00 PM to 4:00 PM) QUALITY INSPECTION OF FAILURES IN ENGINEERING STRUCTURES BY PHOTO ELASTIC APPROACH Dr M. Prasanth Kumar Assistant Professor, ANITS.	
DAY 3 Wednesday 14-10-2020	SESSION 5 (9:30 AM to 11:30 AM) FAILURE ANALYSIS OF WELDED STRUCTURES Dr. Mahesh Kumar Talari Associate Professor, Dept. of Metallurgical and Materials Engineering, NIT –Warangal.	SESSION 6 (2:00 PM to 4:00 PM) FAILURE ANALYSIS OF ENGINEERING SYSTEMS THROUGH FEM J.V.Bhanutej, Assistant Professor, Dept. of Mech. Engg., ANITS.	
DAY 4 Thursday 15-10-2020	SESSION 7 (9:30 AM to 11:30 AM) AN OVER VIEW OF FUNCTIONALLY GRADED MATERIALS - A RESEARCH PERSPECTIVE Dr. S. Madhusudan Professor, URCE, Vijayawada.	SESSION 8 (2:00 PM to 4:00 PM) FRACTURE MECHANISMS IN HIGH PERFORMANCE ENGINEERING MATERIALS Mr. G. Satya Ravi Teja Senior Research and Development Engineer, Global R&D filler metals, Chennai.	
DAY 5 Friday 16-10-2020	SESSION 9 (9:30 AM to 11:30 AM) FAILURE ANALYSIS: SELECTED CASE STUDIES Dr.A.K.Singh, Scientist - G, Head Structure and Failure Analysis Group, DMRL, Hyderabad.	SESSION 10 (1:00 PM to 3:00 PM) DEVELOPMENT AND FRACTURE BEHAVIOUR OF NANO COMPOSITES Dr. Mahesh Kumar Talari Associate Professor, Dept. of Metallurgical and Materials Engineering, NIT –Warangal.	PRACTICAL SESSION ON FAILURE ANALYSIS PROBLEM USING ANSYS (3:30 PM to 4:30 PM) Mr. J.V . Bhanu Tej Assistant Professor, ANITS, Visakhapatnam
DAY 6 Saturday 17-10-2020	SESSION 11 (9:00 AM to 11:00 AM) MECHANICAL FAILURE OF LI-ION BATTERY COMPONENTS Dr. Ebenezer D Scientist, Innovation Center, TATA Chemicals Ltd. Pune.	SESSION 12 (11:00 AM to 1:00 PM) CORROSION DAMAGE AND MEASUREMENTS: ELECTROCHEMICAL TECHNIQUES Dr.Raffi Mohammad, HOD & Asst. prof., Dept. of M & M Engg., NIT - Andhra Pradesh.	1:00 PM VALEDICTORY followed by ONLINE QUIZ(1hr)

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Program Evaluation Committee (PEC) Report
On
AICTE sponsored online STTP on "Failure and Damage Mechanics of High Performance Engineering Materials"
(Phase-IV)
12th October, 2020 – 17th October, 2020

Anil Neerukonda Institute of Technology and Sciences (ANITS), Department of Mechanical Engineering, has organized AICTE Sponsored online Short Term Training Program on "**Failure and Damage Mechanics of High Performance Engineering Materials**" (Phase – IV) from **12th October, 2020 – 17th October, 2020**. The STTP program received an overwhelming response from participants hailing from various institutes /colleges approved by AICTE and affiliated to universities such as JNTU's and Deemed Universities such as GITAM and KLU from across the states of Andhra Pradesh and Telangana. A total of 136 participants were short listed for the program, out of which 47 were outstation participants and 9 were internal participants. A total of 12 resource persons handled all the sessions, in this STTP, out of whom 10 were from various premier academic institutions & industries across India and 2 were from ANITS (approved by AICTE). Further a practical session on failure analysis problem using ansys is arranged for the benefit of all participants along with regular 12 sessions.

This program was aimed to invoke the failure and damage mechanics of the materials both at microscopic and macroscopic levels. It is intended to understand the intricacies of experimental investigation of fracture and damage parameters and further gives an opportunity to the enthusiastic researchers to enlighten themselves with the mathematical modelling of fracture analysis. The participants are enormously benefited by the content delivered by the speakers.

Day 1: MONDAY 12.10.2020

Inauguration of the STTP



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SESSION -1 (9.30AM-11.30AM)

Topic: FAILURE ANALYSIS OF AEROSPACE COMPONENTS AND STRUCTURES

Resource person: Dr. S.V.S. NarayanaMurty, Head, Materials Characterization Division,
Vikram Sarabhai Space Centre, ISRO, Trivandrum

Mr. Dr. M.Prasanth Kumar, Assistant Professor , commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure analysis of aerospace components and structures
- Brittle fracture of materials
- Aerospace materials
- Spectrum of aluminium alloys in space
- Different types of corrossions
- Processing of materials

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS

SESSION -2(2PM-4PM)


Topic: RECENT TRENDS AND RESEARCH POTENTIALS IN HIGH-PERFORMANCE ENGINEERING MATERIALS

Resource person: Dr. B. NagaRaju Professor, ANITS, ANITS, Visakhapatnam

Mr. Dr. M.Prasanth Kumar, Assistant Professor , commenced the session by welcoming the resource person and delegates. Afterwards, he briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Introduction
- Materials
- Manufacturing Methods
- Applications
- Future Directions
- Research Scope
- Conclusions

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS


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DAY -2: TUESDAY 13.10.2020

SESSION -3 (9.30AM-11.30AM)

Topic: FAILURE ANALYSIS: FEW CASE STUDIES IN AUTOMOBILE AND RAILWAYS

Resource person : Dr. N. Narasaiah Professor, National Institute of Technology, Warangal

Mr. Dr. M. Prasanth Kumar, Assistant Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure analysis of bolts of connecting rods of diesel engines
- Visual inspection
- Failure analysis of Knuckle
- Case studies in automobiles and railways

The session ended by a formal vote of thanks by M. Prasanth Kumar, Asst. Professor, Dept. of Mechanical Engineering, ANITS

SESSION -4(2PM-4PM)

Topic: QUALITY INSPECTION OF FAILURES IN ENGINEERING STRUCTURES BY PHOTO ELASTIC APPROACH

Resource person : Dr M. Prasanth Kumar Assistant Professor, ANITS

Mr. Dr. B. NagaRaju, Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Stress analysis methods
- Photoelasticity
- Plane Polariscope
- Measuring techniques

The session ended by a formal vote of thanks by Dr. B. NagaRaju, Professor, Dept. of Mechanical Engineering, ANITS

DAY-3: WEDNESDAY 14.10.2020

SESSION -5 (9.30AM-11.30AM)

Topic: FAILURE ANALYSIS OF WELDED STRUCTURES

Resource person: Dr. Mahesh Kumar Talari, Associate Professor, Dept. of Metallurgical and Materials Engineering, NIT –Warangal

Mr. Dr. B. NagaRaju, Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure of weld structures
- Fusion weld joint
- Welding issues
- Weld failures
- Creep resistant Cr steels

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The session ended by a formal vote of thanks by Dr. B. NagaRaju, Professor, Dept.of Mechanical Engineering, ANITS

SESSION -6(2PM-4PM)

Topic: FAILURE ANALYSIS OF ENGINEERING SYSTEMS THROUGH FEM

Resource person : J.V.Bhanutej, AssistantProfessor, Dept.of. Mech. Engg., ANITS.

Mr. Dr. M.Prasanth Kumar, Assistant Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include

- Modeling of pre-peg based composites
- Failure analysis pre-peg based composites through FEM
- Material selection, Layer wise modeling techniques and layer wise failure analysis.

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS

DAY-4: THURSDAY 15.10.2020

SESSION -7 (9.30AM-11.30AM)

Topic: AN OVER VIEW OF FUNCTIONALLY GRADED MATERIALS - A RESEARCH PERSPECTIVE

Resource person : Dr. S. Madhusudan ,Professor, URCE,Vijayawada

Mr. Dr. M.Prasanth Kumar, Assistant Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Introduction
- Functionally Graded Materials Materials
- Applications
- Future Directions
- Research Scope
- Conclusions

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS

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SESSION -8(2PM-4PM)
(2:00 PM to 4:00 PM)
FRACTURE MECHANISMS IN HIGH PERFORMANCE ENGINEERING
MATERIALS

Mr. G. Satya Ravi Teja
Senior Research and Development Engineer,
Global R&D filler metals, Chennai.

Mr. Dr. M.Prasanth Kumar, Assistant Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- What is so specific about fracture
- Elements of Linear Elastic Fracture Mechanics
- Fracture mechanisms in real materials
- Statistical characterization of fracture
- Stochastic models

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS

DAY-5: FRIDAY, 16.10.2020

SESSION -9 (9.30AM-11.30AM)

Topic: FAILURE ANALYSIS: SELECTED CASE STUDIES

Resource person : Dr.A.K.Singh, Scientist - G, Head Structure and Failure Analysis Group,
DMRL, Hyderabad

Mr. Dr. M.Prasanth Kumar, Assistant Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- First principles calculations
- Meta stable Beta Ti alloys
- Microstructures, Texture and tensile properties

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS


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SESSION 10
(1:00 PM to 3:00 PM)
DEVELOPMENT AND FRACTURE BEHAVIOUR OF NANO COMPOSITES
Dr. Mahesh Kumar Talari

Associate Professor, Dept. of Metallurgical and Materials Engineering, NIT –Warangal. Mr. Dr. M.Prasanth Kumar, Assistant Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Failure Mechanism in NANO Composites
- Failure Mechanism in laminates with hole
- Fabrication Process Defects
- Macro Fractography And Micro Fractography
- Griffith Theory And Fracture Toughness
- Basic Modes of Crack Deformation

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS

DAY-6: SATURDAY 17.10.2020

SESSION -11 (9.00AM-11.00AM)

Topic: MECHANICAL FAILURE OF LI-ION BATTERY COMPONENTS

Resource person : Dr. Ebenezer D Scientist, Innovation Center, TATA Chemicals ltd. Pune

Mr. Dr. M.Prasanth Kumar, Assistant Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- LIB components
- Trends of energy industry
- Particle to pack assembly
- Case study- Nail penetration

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS


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SESSION-12(11.00AM-1:00PM)

Topic: CORROSION DAMAGE AND MEASUREMENTS: ELECTROCHEMICAL TECHNIQUES

Resource person: Dr.Raffi Mohammad, HOD & Asst. prof, Dept. of M &M Engg.,NIT - Andhra Pradesh.

Mr. Dr. M.Prasanth Kumar, Assistant Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Thermal runaway
- Axial compression behavior of cylindrical cell
- Selection pack materials
- Design of components and damage
- Electrochemical corrosion applications

The session ended by a formal vote of thanks by M.Prasanth Kumar, Asst.Professor, Dept.of Mechanical Engineering, ANITS

Valedictory: 18.07.2020 (01:00 PM)

Prof. T.V.Hanumantha Rao, principal ANITS and chair person for the program graced the Valedictory ceremony as the chief guest.

Dr. B Nagaraju ,HoD, coordinator for the STTP welcomed the chief guest, dignitaries and delegates present in the valedictory session. On this occasion, Prof. T.V. Hanumantha Rao in his message appreciated Program coordinator Dr.B NagaRaju for the successful completion of the first phase of STTP. Further, he appreciated the ANITS management for promoting such development programmes for faculty members. Dr. B NagaRaju congratulated all the participants for attending the STTP and informed that the certificates will be issued to the participants who have maintained a minimum of 75% attendance and 50% score in the quiz going to be conducted after the valedictory. Mr. J V Bhanutej collected the feedback on the program from the participants. Finally, Dr B NagaRaju Co-coordinator concluded the STTP with vote of thanks.

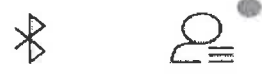
Evaluation: 18.07.2020 (2PM)

On the 6th day of the program, a quiz exam for 40 marks was conducted based on the sessions held in the week to test the participants. Out of the 136 participants, 47 were successful in the test. The certificates were awarded to those participants who scored a minimum of 50% marks and were present for a minimum of 9 sessions out of 12 sessions. The questionnaire of the quiz exam was approved by the PEC.

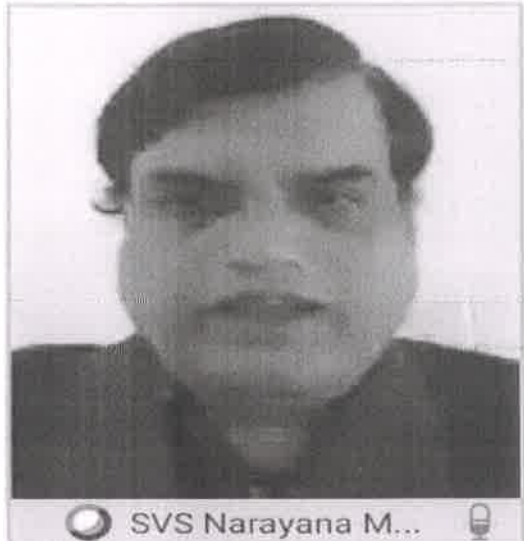

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SAMPLE PHOTOS



saranu ravikumar



SVS Narayana M...



MECH ANITS (host)

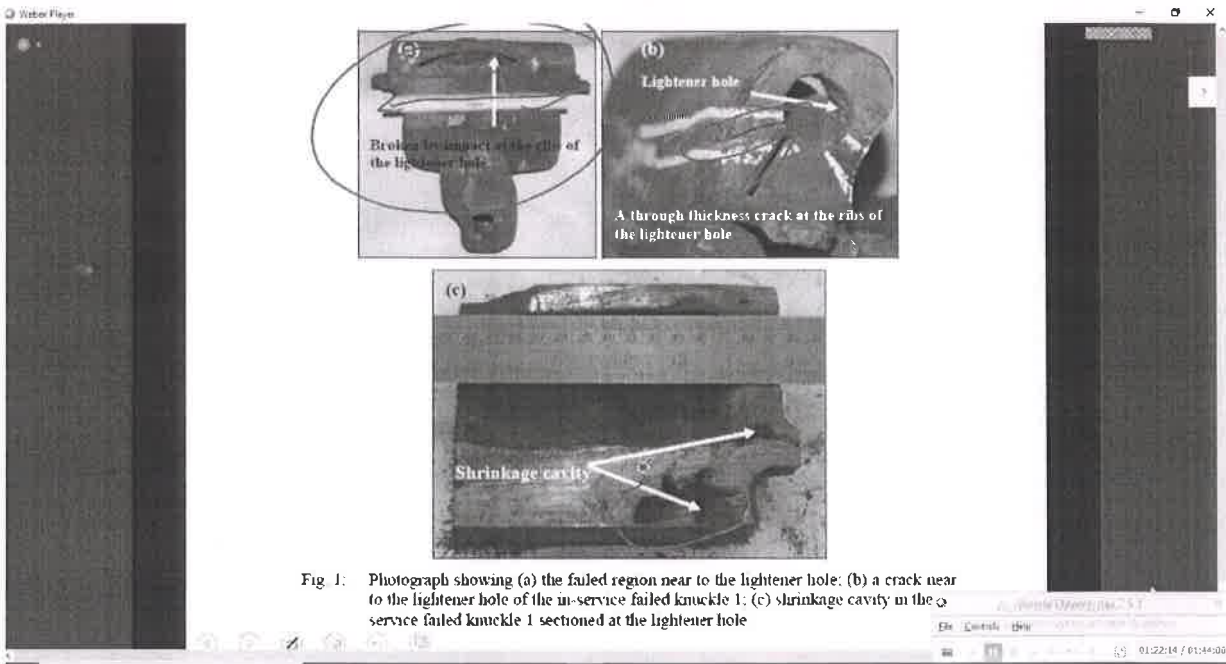
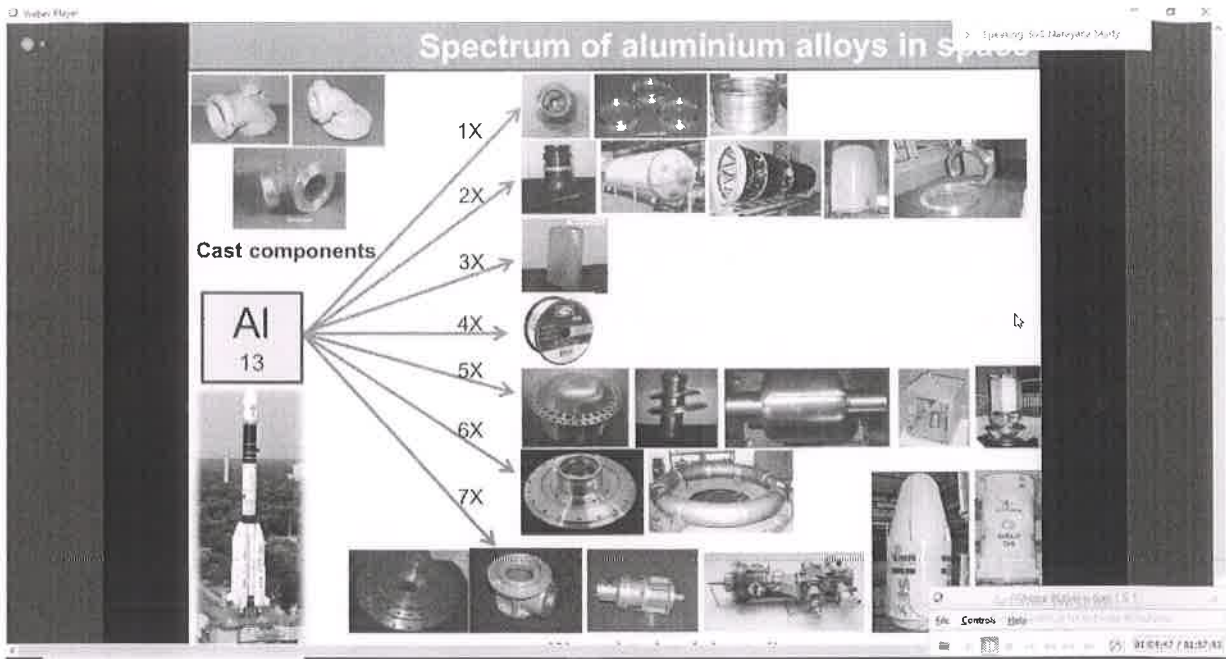


anitsnagaraju



R. Seetha
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R. Subramanian
 Convenor IQAC
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Partially Melted Zone (PMZ)

Cold Cracking (Hydrogen Induced Cracking)

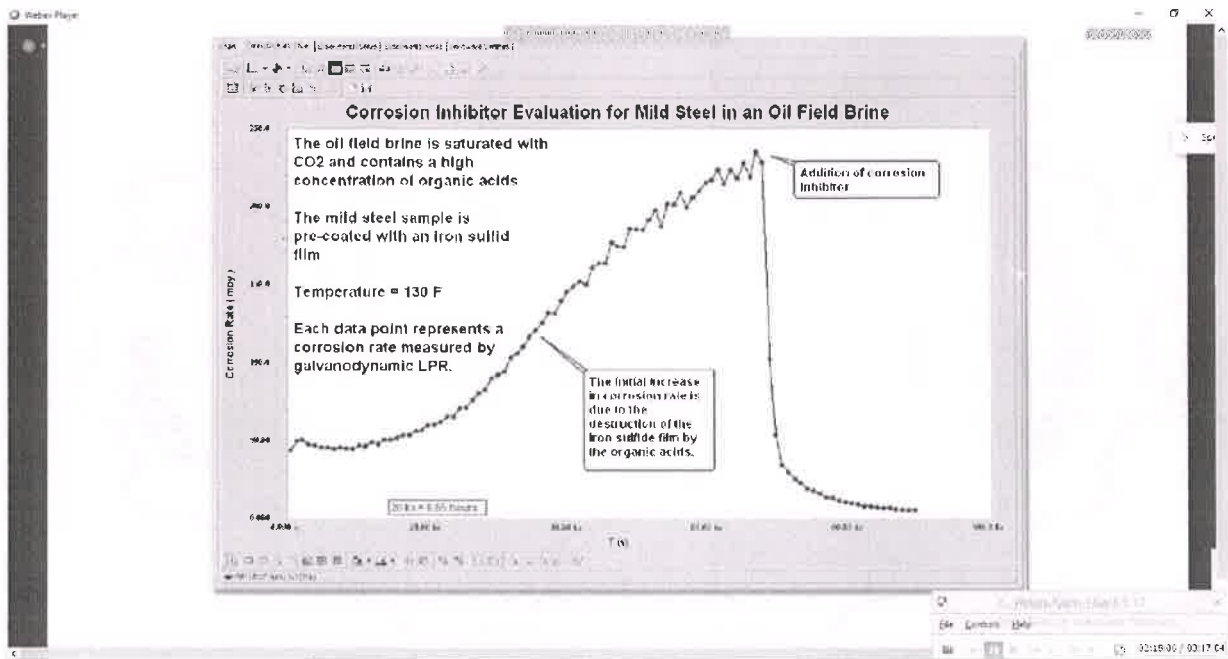
Underbead crack in a low-alloy steel HAZ

Al-Cu alloy 2219

Hydrogen in the WM
High Stresses
Susceptible microstructure

Lamellar tearing

Susceptible to elongated incl



STTP coordinator
Dr.B.NagaRaju
HoD & Professor, MECH

R. Hanumanth
Convener, IQAC
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Prof.T.V.Hanumantha Rao
Principal, ANITS

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Sangivalasa - 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist. Andhra Pradesh, India.


CERTIFICATE

This is to certify that


has participated in AICTE sponsored A One Week Online Short Term Training Program (STTP) on "Failure and Damage Mechanics of High Performance Engineering Materials-Phase-IV", from 12th to 17th Octoberber, 2020.




Dr. B. NagaRaju
Coordinator &
HOD - Mech Engg.


R. Seidath
Convener, IQAC
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Visakhapatnam Dist.


Dr. T. V. Hanumantha Rao
Principal


Principal
Anil Neerukonda Institute of
Technology & Sciences

ANNEXURE - I

LIST OF PARTICIPANTS

S No	Full Name of the Participant (prefix Dr /Mr /Mrs /Ms)	Designation	Name of the College / Organization	City	State	Whatsapp Mobile Number
1	Mr Renjish Vijay	Scholar	TKM College of Engineering Kollam Kerala India	Ko'lam	Kerala	8281163877
2	Mrs. Adireddy Ramya	others	Sri padmavati woman's university	Gajuwaka	Andhrapradesh	8247808138
3	Dr Prasanth Kumar Mallipudi	Assistant Professor	ANITS Engineering College	VISAKHAPATNAM	ANDHRA PRADESH	09701024157
4	PAWAN KUMAR BISSA	Assistant Professor	JIET, JODHPUR	JODHPUR	RAJASTHAN	9649292177
5	MR RAHUL VYAS	Assistant Professor	VYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY	JODHPUR	RAJASTHAN	9414917977
6	Mr R BHARATH	Assistant Professor	KUPPAM ENGINEERING COLLEGE, KUPPAM	Kuopam	Andhra Pradesh	8152865212
7	Mr. G Umamaheswara Rao	Assistant Professor	Anil Neerukonda Institute of Technology and Sciences	Visakhapatnam	Andhra Pradesh	9849065837
8	Mr SARAVANAKUMAR S	Assistant Professor	Rathinam Technical Campus	Coimbatore	Tamil Nadu	9677889749
9	Mr. RAJESH S	Assistant Professor	Kuppam Engineering College	Kuppam, Chittoor	Andhra Pradesh	8722582222
10	Mr. Sartaj Patel	Assistant Professor	KUPPAM ENGINEERING COLLEGE KUPPAM	Chittoor	Andhrapradesh	09880935786
11	Mr.B. SHIRISH	Assistant Professor	Sreenidhi institute of science and technology	Hyderabad	Telangana	9052325400
12	Dr Mohammed Abid Ali	Professor	PSCMR College of Engineering & Technology	Vijayawada	Andhra Pradesh	09441581156
13	T Malyadri	Assistant Professor	VNRVJIEI	Hyderabad	Telangana	9700111214
14	Mr. Rajana vara prasad	Assistant Professor	Anil neerukonda Institute of technology and sciences	Visakhapatnam	Andhrapradesh	7207763064
15	Mr. Venkata Narasimha Raju Jampana	Assistant Professor	Shri Vishnu Engineering College for Women(A)	Bhimavaram	Andhra Pradesh	9441391190
16	VUNGARALA MARUTHI PRABHURAM	others	YSR ENGINEERING COLLEGE OF YOGI VEMANA UNIVERSITY	Vijayawada	Andhra Pradesh	9666983045
17	Mrs.Ch.Rajeswari	Assistant Professor	VNR Vignani Jyothi Institute of Engineering and Technology, Hyderabad	Hyderabad	Telangana	09491934508
18	Mr Shivakumar Rachoti	Associate Professor	Sharnbasva university	Kaiburgi	Karnataka	9449055400
19	B Kiran Babu	Assistant Professor	Usha Rama College of Engineering and Technology	Vijayawada	Andhrapradesh	9949221277
20	Mr. POOTHI VENU SATYA JAYA RAJU REDDY	Scholar	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	VISAKHAPATNAM	ANDHRA PRADESH	7675977912
21	Ms. Rukmini V Kasarapu	Assistant Professor	Anil Neerukonda Institute of Technology and Sciences	Visakhapatnam	Andhra Pradesh	8099712443
22	Dr Rajashekhara S	Assistant Professor	Siddaganga Institute Of Technology	Tumakuru	Karnataka	+919742872266

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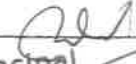
22	Mohammed Thouseeq H	others	St Peter's college of engineering and technology	Chennai	Tamilnadu	7904692363
23	Mr. MODI ARPIT HARIVADAN	Assistant Professor	SVIT-Vasad	Anand	Gujarat	9638413232
24	Mrs. SOWJANYA D	Assistant Professor	JNTUCEA, ANANTAPUR	Anantapur	Andhra Pradesh	8792465265
25	Mr. SURESH KUMAR MANDRU	Assistant Professor	SLANN'S COLLEGE OF ENGINEERING & TECHNOLOGY	CHIRALA	ANDHRA PRADESH	9849217793
26	Mr. Ravi P Bard	Scholar	CSPIT, CHARUSAT UNIVERSITY	Anand	Gujarat	8141806927
27	Ms. LUSI SUBHADARSINI	Scholar	VSSUT	Burja	Odisha	7008109740
28	Mr. Mahesh S. Gorde	Assistant Professor	Jawaharlal Darda Institute of Engineering and Technology	YAVATMAL	MAHARASHTRA	8208544497
29	Mr. Arun Kandukun	Assistant Professor	Sri Venkateswara College of Engineering	Tirupati	Andhra Pradesh	9652964828
30	Mr. DUDAYKIRAN	others	Jawaharlal Nehru Technological University Anantapur	Anantapur	Andhra Pradesh	+919573354201
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32	Dr. Rajesh Ghosh	Associate Professor	ANITS	Visakhapatnam	Andhra Pradesh	9885238938
33	GUMMAVELLY SRUJANA	Professor	Jawaharlal nehru govt polytechnic college	Hyderabad	telangana	8463915702
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36	Mr.	Assistant Professor	Sphoorthy Engineering College	Hyderabad	Telangana	9618873323
37	Rachha Krishna Adiraju	Associate Professor	Mandava Institute of Engineering and technology	Vijayawada	Andhra Pradesh	8008554461
38	MR. KUNTALAPALLI MALUKARJUNA NAIDU ASSISTANT PROFESSOR SSITS RAYACHOTY	Assistant Professor	SSITS RAYACHOTY	RAYACHOTY	AP	7093083729
39	Mr. MAHENDER THOTAKURI	Assistant Professor	CMR Institute Of Technology	HYDERABAD	Telangana	9989576453
40	Mr. Prashanna R P	others	Karagam Academy of Higher education	Salem	Tamil Nadu	06380352288
41	Mr. PANCI JYOTHISH	Scholar	NIT WARANGAL	Warangal	Telangana	7780232234
42	Mr. Bhadr Amol Sunil	Assistant Professor	Samarth College Of Engineering Belhe	Ahmednagar	Maharashtra	+919970279294
43	Mr. Anampudi Suryanarayana Raju	others	B.V.Raju Institute of Technology	Narsapur	Telangana	09866148099
44	Dr. Rajesh Subhash Pawar	Assistant Professor	SVERIS College of Engineering Pandharpur	Solapur	Maharashtra	9975078018
45	Mr. Vishnu R	Scholar	NIT Trichy	Thiruchirappalli	Tamil Nadu	8391417282
46	AJOY KUMAR NANDY	Scholar	NITW	WARANGAL	Telangana	07750031941
47	ANKE RAJASEKHAR BABU	Assistant Professor	JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS) ANANTAPUR	ANANTAPUR	ANDHRA PRADESH	6686083860
48	Ms. Padmatilab Anusha	Assistant Professor	Sree Vidyanikethan Engineering College	Tirupati	Andhrapradesh	8500327617
49	Dr. Ch. Rama Bhadrani	Assistant Professor	S.R.K.R Engineering College	Bhimavaram	Andhra Pradesh	919885992223

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53	Mr. Kattula Jaswanth	Scholar	ANITS	Vizag	Andhrapradesh	7093963026
54	Dr Satyanarayana Kottam	Assistant Professor	ANITS	Visakhapatnam	Andhra Pradesh	7382157057
55	Ms Palkar Madhukar Wankhede	Associate Professor	Dr Rajendra Goda college of agriculture buldhana	Buldhana	Maharashtra	8805091388
56	Dr Satyanarayana Tripathi	Assistant Professor	Visakha Technical Campus Narava	Visakhapatnam	Andhra Pradesh	8955602798
57	MRS. FATIMA FIRDOUS NIKHAT	Assistant Professor	KBN UNIVERSITY	KALABURAGI	KARNATAKA	9739690907
58	Mr. Gowdasagar Kalpa	Assistant Professor	Anil neerukonda institute of technology and sciences	Visakhapatnam	Andhrapradesh	9985180199
59	Mrs. Renuka Chandra Kant, Tangure	others	ARC ACADEMY	Pune	Mshradhtra	9922419074
60	Mr. M. Peenu Naik	Assistant Professor	Sriyasa Ramarajan institute of technology	Anantapur	Andhra Pradesh	9000170822
61	Mr. A.M VENKATA PRAVEEN	Scholar	GITAM UNIVERSITY	Visakhapatnam	andhra pradesh	7382694278
62	Mr Raj Kumar Palle	Scholar	NIT Warangal	Warangal	Telangana	9540345026
63	Mr K Bharadwaj	Associate Professor	MRECIAI	Secunderabad	Telangana	8121240474
64	Mr PEYYALA PRAMOD KUMAR	Assistant Professor	Ramachandra College of Engineering	Eluru	Andhra Pradesh	9985308699
65	K. Udaya Bhaskar	Industry Professional	Sandvik Mining and Rock Technology India Private Limited, Hyderabad	Hyderabad	TELANGANA	9441763095
66	V.Ravi Kumar	Industry Professional	Diamond Mining Tools	Hyderabad	Telangana	9695777836
67	Dr.E.SUBBARAO	Professor	SVIST	Kadapa	A.P.	9441169264
68	Pannikumar Chetani	Scholar	Andhra University College of Engineering	Visakhapatnam	Andhra Pradesh	+91800360653
69	DR KANNA ASHOK REDDY	Professor	NARASIMHA REDDY ENGINEERING COLLEGE	HYDERABAD	TELENGANA	9381773596
70	Mrs. Somu Monaraja	Scholar	SRM IST KTR Chennai	Chennai	Tami nadu	8295057190
71	Mr. Subram Kumar Munda	Scholar	Gandhi Institution Of Engineering College, Gunupur	Bhawanipatna	ODISHA	7504655054
72	Mr Gopal Prasad Sar	Scholar	G IET University	Gunupur	Odisha	+919556072095
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74	Mr Chandan pradhan	Scholar	G IET UNIVERSITY GUNUPUR	GUNUPUR	Odisha	7377143477
75	Ms. Sonain Panda	Scholar	SOA/Deemed to be University)	Bhubaneswar	Odisha	9439193213
76	Mr. Partha Jaisid	others	Jiet	Jodhpur	Rajasthan	9414128078
77	Dr. Ghanshyam Bhamra	Assistant Professor	UVA TARSADIA UNIVERSITY	Barodli	Gujarat	+919423923533
78	Mr Pradeep T. Joudi	others	G IET gunupur	Gunupur	Odisha	+918371066557
79	Dimple Juneja	others		Udaipur	Rajasthan	7865894777
80	Mr. Raja Saru	Scholar	G IET UNIVERSITY, GUNUPUR	Kanabahal, Rourela, Sundergarh	Odisha	8596005881


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82	Dr. V. Srinivasa Reddy	Associate Professor	GIS college of Engineering and Technology	Ongole	Andhra Pradesh	9948742103
83	Mr. JONNALA SUBBA REDDY	Associate Professor	Lakireddy Balu Reddy College of Engineering, Mylavaram	Mylavaram	Andhra Pradesh	+919988100696
84	Mr. JONNALA SUBBA REDDY	Associate Professor	LAKIREDDY BALU REDDY COLLEGE OF ENGINEERING, MYLAVARAM	VILVAVADA & ANDHRA PRADESH	ANDHRA PRADESH	9988100696
85	Dr. G. Lakshmi Srinivas	Professor	Bapatla Engineering College	Bapatla	Andhra Pradesh	9440643015
86	Dr. D. V. PRAVAN KUMAR	Assistant Professor	ANANTHA LAKSHMI INSTITUTE OF TECHNOLOGY AND SCIENCES	Anantapur	Andhra Pradesh	9949005925
87	Mr. M. Murali Naik	Assistant Professor	JNTUA college of engineering (Autonomous) Anantapuramu	Anantapur	AP	7702840728
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90	Mr. D. Anil Kumar Reddy	Assistant Professor	Sree Venkateswara College of Engineering	Tirupati	Andhra Pradesh	9985823272
91	Ms. Mishra Himanshu Kumar Parmar	Others	GSFO University	Vadodara	Gujarat	9913458963
92	Prof. V. SATHI VEL	Director	PRIST UNIVERSITY	THANJAVUR	Tamilnadu	9751823595
93	Dr. T. S. Jini Kumar	Professor	Geetanjali Institute of science and technology	Nellore	Andhra Pradesh	9491236778
94	Mr. Paikar Venkendra	Assistant Professor	Yakinda Institute of Engineering & Technology (VIET)	Yakinda	Andhra Pradesh	9000511553
95	Mr. P. Murali	Assistant Professor	Arani Institute of higher technology	Chennai	TAMILNADU	9941213769
96	Subba Sagar	Assistant Professor	Welfare Institute of Science Technology and Management	Venkatapuram	Andhrapradesh	9971238125
97	Mr. KOTA ANJUNA RAO	Assistant Professor	AP MIT RGUKT RK VALLEY	Guntur	Andhra Pradesh	9492865978
98	Dr. Subraman Tirava	Associate Professor	GIS College of Engineering and Technology, Ongole	Ongole	Andhra Pradesh	98143441895
99	Dr. J. ANAPADI SATYANARAYANA	Professor	Vignans Foundation for Science, Technology and Research (Deemed to be University)	Guntur	Andhra Pradesh	9492710158
100	Dr. Karanraj Suresh	Assistant Professor	Maulana Azad National Institute of Technology Bhopal	Bhopal	Madhya Pradesh	7013955615
101	Mr. Bharani Kumar Chintada	Director	Andhra university college of engineering	Venkatapuram	Andhrapradesh	9494242812
102	Mr. T. Srinivas Kumar	Assistant Professor	Gandhi Institute of engineering and technology university	Rayachota	Odisha	07876999031
103	Mr. Satish Prasad Kumar	Assistant Professor	Bapatla engineering college	Bapatla	Andhrapradesh	9935518273
104	Dr. G. Srinivasa Rao	Associate Professor	M. V. G. R. College of Engineering	VIZIANAGARAM	ANDHRA PRADESH	9948077849
105	Mr. V. SIVAKUMAR	Associate Professor	GOVERNMENT POLYTECHNIC COLLEGE	VALANGAIMAN	TAMILNADU	9944300287

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108	MANEPALLI SAILAJA	Assistant Professor	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	VISAKHAPATNAM	ANDHRA PRADESH	9676530402
109	Mr M Steerama	Assistant Professor	Raghu institute of technology	Visakhapatnam	Andhra Pradesh	9440550149
110	Mr ABILASH S	Assistant Professor	St. Peter's College of Engineering and Technology	Chennai	Tami nadu	9443446781
111	MATHURTI JAYA LAKSHMAN	Scholar	Anil Neerukonda Institute of Technology and Sciences	Visakhapatnam	Andhra Pradesh	7396296646
112	Tempala karth k	others	Anil neerukonda institute of technology and sciences	Visakhapatnam	Andhrapradesh	7032526500
113	Dr Sruvasa Fao Mallipudi	Assistant Professor	ANITS	VISAKHAPATNAM	ANDHRA PRADESH	9959364496
114	GOPASANA SWAROOP KUMAR	others	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	NARSIPATNAM	ANDHRA PRADESH	7095861833
115	Mr Minaketan Behera	Scholar	VSSUT, Burla	Sambalpur	Odisha	+917787093906
116	P Umamaheswarrao	Assistant Professor	BAPATLA ENGINEERING COLLEGE	BAPATLA	Andhra Pradesh	9440871256
117	Mr kornu gateesh	others	Anil Neerukonda institute of technology and science	Vizag	Andhrapradesh	7036164758
118	Mr KOTHARI VENKATAVISWANADH	Assistant Professor	Lakireddy Bali Reddy College of Engineering	Mylavaram	Andhra Pradesh	07702893880
119	Dr S V S K DEEPAK KUMAR	Assistant Professor	Birla Institute of Technology Mesra Ranchi	Ranchi	Jharkhand	09000291444
120	GOTTAPU RAGHU	others	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	THAGARAPUVALASA	ANDHRA PRADESH	8074683125
121	Mr D Ramesh	Assistant Professor	Rathinam Technical campus	Coimbatore	Tami nadu	8072364509
122	Dr M RAJA SANKAR	Professor	RATHINAM TECHNICAL CAMPUS	COIMBATORE	TAMILNADU	9843987488
123	Mr Ch Maheswara Rao	Assistant Professor	Anits	Visakhapatnam	ANDHRA PRADESH	7995152558
124	S RAMESHKUMAR	Assistant Professor	RATHINAM TECHNICAL CAMPUS	COIMBATORE	TAMILNADU	9791863423
125	S SURESH	Assistant Professor	Rathinam Technical Campus	Coimbatore	Tamil Nadu	9944458912
126	Mr Sathishkumar S	Assistant Professor	karpagam College of Engineering	Coimbatore	Tamilnadu	9597979007
127	K.S SATHISH KUMAR	Associate Professor	Rathinam Technclal Campus	Coimbatore	Tamilnadu	9965533111
128	DEGALA RAJENDRA	Assistant Professor	Sri Padmavati Mahila VisvaVidyalayam, Tirupati Andhrapradesh	Tirupati	Andhra Pradesh	8309936158
129	P sasikala	Assistant Professor	Vizb	Visakhapatnam	Andhrapradesh	8333090955
130	Mrs P. UMAMAHESHWARI	Assistant Professor	JNTUACEA	Ananthapur	Andhra Pradesh	8790616516
131	Ms. Rasagna G	Scholar	Institute of Aeronautical Engineering	Hyderabad	Telangana	8374851382
132	Dr SURYA NARAYAN PADHI	Professor	K L UNIVERSITY	VIJAYAWADA	ANDHRA PRADESH	8466020991
133	Hemanath	Assistant Professor	Svit anantapur	Anantapur	Andhra Pradesh	9441415807
134	Anil Nandlal Shama	Scholar	NIT TRICHY TAMILNADU	Chandrapur	Maharashtra	997853758
135	Dr K Viswanath Allamraju	Professor	Institute of Aero nautical engineering	Hyderabad	Telangana	996602463
136	Mr Bandaru Purna Chandra Rao	Industry Professional	Power, Energy, Oil & Gas Industry	Hyderabad	Andhra Pradesh	992407554

R. Senthil Kumar
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 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa-531182
 Visakhapatnam Dist.

Principal
 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa-531182
 Visakhapatnam Dist.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC)
Sangivalasa-531 162, Bhimunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225034, 226395

Dt.: 21-11-2020

To
The Principal
ANITS

Sir,

Sub: Permission for organizing training session for Non- Teaching staff – Reg.

It is to bring to your kind notice that the Department of Mechanical Engineering is going to organize a two day training program on “MS OFFICE TOOLS” on 23rd and 24th November 2020 for Non Teaching Staff of the department. Kindly give permission for organizing this training Session.

DK Appd.

MA



R. S. Sankar
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

[Signature] 21.11.20
HOD
Mech Engg

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.

[Signature]
Principal
Anil Neerukonda Institute
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Dt.: 21-11-2020

CIRCULAR

All the Non – Teaching staff of department of Mechanical Engineering are hereby informed that the department is going to organize a two day training program on “MS OFFICE TOOLS”. All are advised to actively participate in the training program

Topic: MS OFFICE TOOLS

Resource person: 1. Dr. M. Ramakrishna, Professor, Dept. of CSE, ANITS.
2. Dr. M. RajaRoy, Assoc. Prof, Dept. of Mech. Engg., ANITS.

Date & Time: 23rd and 24th November 2020, 1PM to 3PM

Venue: CAD LAB, Department of Mechanical Engineering.

R. Sridhar
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

[Signature] 21.11.20
HOD
Mech Engg

PROFESSOR & HEAD
Department of Mechanical Engineering
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Sangivalasa-531 162 VISAKHAPATNAM Dist. A P

[Signature]
Principal
Anil Neerukonda Institute
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC)
Sangivalasa-531162, Bhimavaram Mandal, Visakhapatnam Dt.
Phone 089331225084, 226395

A Two day Training Program on "MS OFFICE TOOLS"

Date & Time: 23rd and 24th November 2020, 1PM to 3PM

Venue: CAD LAB, Department of Mechanical Engineering.

Attendance Sheet

S. No.	Name of the Non Teaching Staff	Designation	Signature	
			23-11-2020	24-11-2020
01	M. Raja	Foreman		
02	Ch. Lokeswara Rao	Carpenter		
03	B.R.S. Rayalu	Technician		
04	P. Srinivasa Rao	Technician		
05	B. Rama Rao	Technician		
06	L. Sreenivasa Rao	Technician		
07	N. Appanna	Technician		
08	A.V. Bhaskar Rao	Technician		
09	R. Santhosh Kumar	Technician		
10	D. Srcenu	Technician		
11	M. Appala Swamy	Technician		
12	D Narasimha Murthy	Office Assistant		
13	N Ramu Naidu	Attender		
14	N Sai Kiran	Attender		

Resource person:

1. Dr. M. Ramakrishna, Professor, Dept. of CSE, ANITS.

2. Dr. M. RajaRoy, Assoc. Prof, Dept. of Mech. Engg., ANITS.

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Visakhapatnam Dist.

Principal
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Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.
25/11/20
HOD
Mech Engg
PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.S.

A Report on Two Day Training Session on "MS office Tools" conducted on 23rd and 24th November, 2020

A two-day training program was organized in the department of Mechanical Engineering to train the Non- Teaching staff on usage of MS office tools. This program was specifically arranged to enhance the awareness and proficiency skills in using computers. The resource persons for the program were Dr. M. Ramakrishna, Professor, Dept. of CSE, ANITS and Dr. M. Raja Roy, Associate Professor, Dept. Of Mechanical Engineering, ANITS. The program was designed to give both theoretical and practical exposure in using the tools effectively. The theoretical sessions were followed by a comprehensive hands-on experience training sessions.

DAY-I [23-11-2020]

Dr.M.Ramakrishna gave a complete overview on computer architecture at the start of the program. He further lectured on the significance of using computers for meeting the day-to-day office needs. This was followed by a detailed session on various tools available in MS office package like MS Word, Excel, and PowerPoint etc.

In the next session, Dr. M. Raja Roy spoke on the usage of MS word in drafting letters, lab manuals, comparative statements etc. In the afternoon session both the resource persons gave a hands-on training to all the participants.


DAY-II [24-11-2020]

The first two sessions of day 2 was devoted to teaching MS Excel and PowerPoint. The usage of MS Excel for simple mathematical calculations using formulae was taught by Dr. M. Ramakrishna. This was followed by a session on MS PowerPoint presentation by Dr. M. Raja Roy. He gave an overview on the preparation of slides required for PowerPoint presentation. The afternoon session was used exclusively for hands-on training on both Excel and PowerPoint.

The program ended on a successful note as the participants exhibited a keen interest in learning the fundamentals of using computers for general office applications.

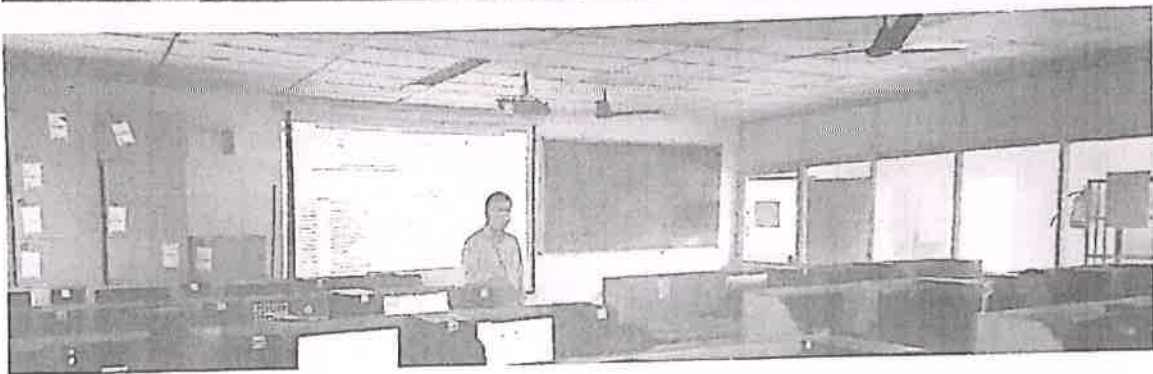
The HoD expressed sincere thanks to the resource persons for sparing their valuable time and guiding the participants.


Convener, IQAC
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Visakhapatnam Dist.


Principal
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Technology & Sciences
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Visakhapatnam Dist.
25.11.20
HOD
Mech. Engg.
PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM Dist A P

Training session on "MS Office Tools" by Dr. M. Raja Roy

[23rd & 24th November, 2020]



25-11-20

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM Dist A F

R. Sridhar
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

AN
Principal
Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)

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Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

Department of Civil Engineering

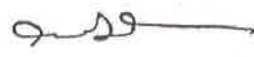
Date: 27-03-2021


Department of civil Engineering is organizing a Professional development program on "E tabs" as per the following schedule.

Name of the Expert Speaker : Mr.I.Prakash
Technical Software Trainer
Data Pro Institute
Visakhapatnam
Date : 30-03-2021
Time : 9.00 AM
Venue : Computer Centre, H-Block

All the Teaching staff are invited to attend the programme


Convener, IQAC
Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.


(Dr.B.N.D.Narasinga Rao)
Head of the Department
Department of Civil Engineering
Anil Neerukonda Institute of Technology and Sciences
Sangivalasa, Bheemunipatnam Mandal
Visakhapatnam - 531162


Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Report

Professional Development Program on ' E Tabs'

Title of Event : Professional Development Program on E Tabs
Date of Event : 30-03-2021
Venue of Event : Room No - 216, H-Block
Participants : Teaching Staff of Civil Engineering Department, ANITS
Number of Participants : 10
Details of Guest Speaker : Mr.I.Prakash
Technical Software Trainer
Data Pro Institute
Visakhapatnam
Faculty Co-ordinators : 1) Dr. J.Vikranth
Associate Professor
Dept. of Civil Engg.
ANITS

Objective of Event:

To acquire knowledge on E Tabs software which is one of the market leading software in Civil Engineering.

Details of Event:

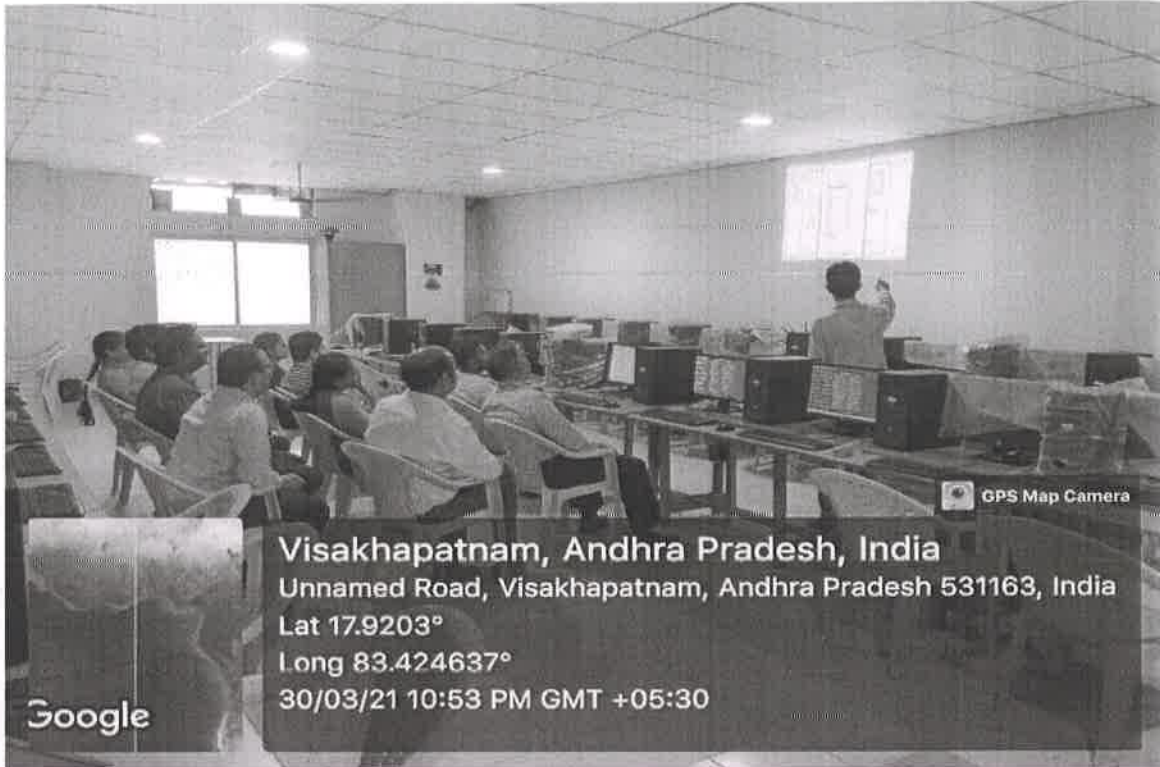
Department of Civil Engineering, ANITS had organized a professional development training for teaching staff on E Tabs software.

The event was started at 09:00 AM and continued till 03:20 PM

ETABS is an engineering software product that caters to multi-story building analysis and design .E Tabs offers a single user interface to perform modelling, analysis, design and reporting. There is no limit to the number of windows, model manipulation views and data views.

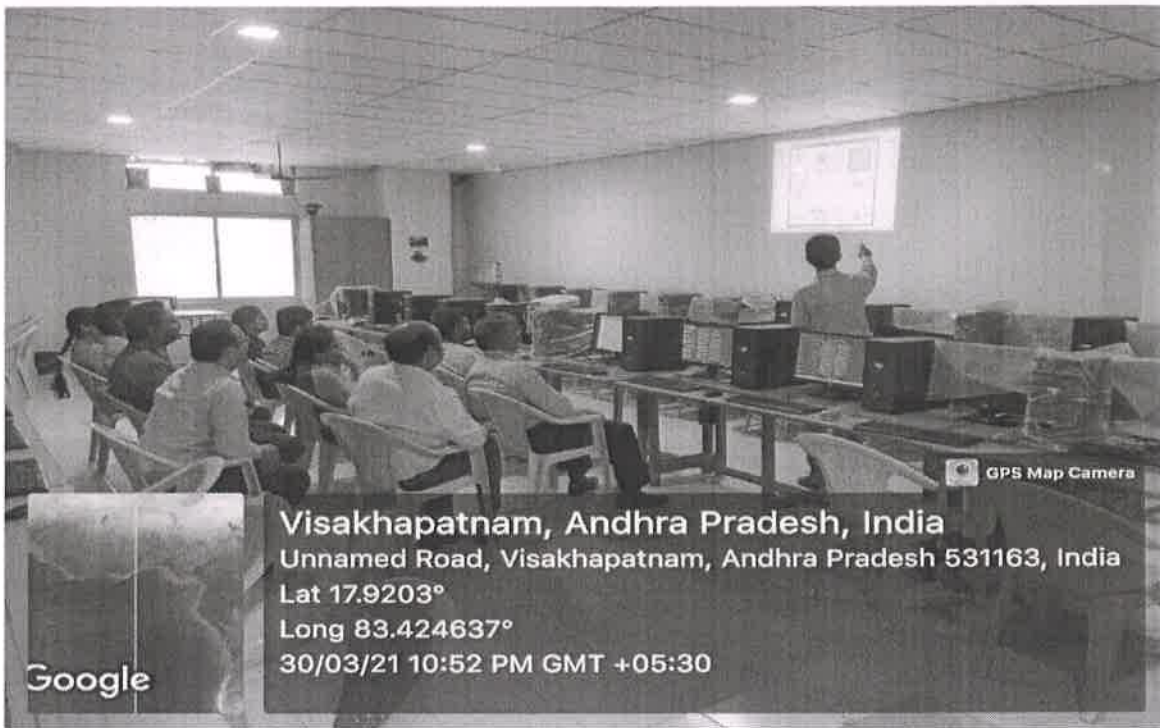
R. Seikenth.
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Visakhapatnam Dist.

QW
Principal
Anil Neerukonda Institute
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.



Visakhapatnam, Andhra Pradesh, India
 Unnamed Road, Visakhapatnam, Andhra Pradesh 531163, India
 Lat 17.9203°
 Long 83.424637°
 30/03/21 10:53 PM GMT +05:30

Google



Visakhapatnam, Andhra Pradesh, India
 Unnamed Road, Visakhapatnam, Andhra Pradesh 531163, India
 Lat 17.9203°
 Long 83.424637°
 30/03/21 10:52 PM GMT +05:30

Google

Vikranth

(Dr.J.Vikranth)
Faculty Coordinator

R. Seidanth
 Convener, IQAC
 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa-531 162
 Visakhapatnam Dist.

Narasinga Rao

(Dr. B.N.D. Narasinga Rao)

HoD, Civil
 Principal
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Phone: 08933-225083/84/87 Fax: 226395
email: principal@anits.edu.in

Website: www.anits.edu.in

Department of Civil Engineering

Date: 30-03-2021

Professional development Program on "E tabs"

S.No	Name of the Faculty	Signature
1	Dr.B.N.D.Narasinga Rao	
2	Dr.J.Vikranth	
3	Mrs.M.K.S.S. Krishna Chaitanya	
4	Mrs.P.V.R. Sravya	
5	Mr.Ch. Vineel	
6	Mr.T. Venkata Viswa Teja	
7	Mr.Ch. Srinivas	
8	Mr.K.Suryanarayana	
9	Mr.J.Harshavardhan Reddy	
10	Mr.N.A.N.P. Vital	

Convener, IQAC
Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.

(Dr.B.N.D.Narasinga Rao)
Head of the Department
Department of Civil Engineering
Anil Neerukonda Institute of Technology and Sciences
Sangivalasa, Bheemunipatnam Mandal
Visakhapatnam - 531162
Principal
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Visakhapatnam Dist.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

Date: 3-11-2020

CIRCULAR

This is to inform all the teaching faculty members that the Department of Chemical Engineering and the Department of Chemistry are jointly organizing a two day workshop on "Analysis by using Gas Chromatography" during 20-21, November, 2020. Resource person will be Dr. S. Siva Kumar, Asst. Prof., Chemistry. The schedule for the workshop will be

Day	Time	Topic
20-11-2020	09:30 AM - 10:00 AM	Inauguration
	10:00 AM - 11:30 AM	Instrumentation and its importance
	11:45 AM - 01:00 PM	Gas Chromatography
	02:00 PM - 03:30 PM	Applications and GC operation
21-11-2020	09:30 AM - 11:00 AM	GC operation and sample preparation
	11:15 AM - 12:45 PM	Qualitative analysis
	01:30 PM - 03:00 PM	Quantitative analysis
	03:00 PM - 03:30 PM	Valedictory

All faculty are suggested to register for the workshop and participate actively.

Dr. Ch. Anil 3/11/2020
Dr. Ch. Anil

HoD, Chemical Engineering

R. Siva Kumar
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Principal
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.



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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

Report on two day workshop on "Analysis by using Gas Chromatography" during 20-21, November, 2020

The department of Chemical Engineering and the department of chemistry jointly organized the two day workshop on "Analysis by using Gas Chromatography" during 20-21, November, 2020. The resource person Dr. S. Siva Kumar elaborated the importance of instrumentation and the principles, applications and operation of gas chromatography.

The outcomes of the workshop are

- 1) Develop instrumentation skills
- 2) Analyze the composition of a mixture

The outcomes of the workshop are well realized by the resource person. 10 faculty from the Department of Chemical Engineering participated and benefitted from the workshop.

Dr. Ch. Anil

Dr. Ch. Anil

HoD, Chemical Engineering

[Faint stamp]
DEPARTMENT OF CHEMICAL ENGINEERING

R. Srinivasulu

**Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.**

[Signature]

**Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.**

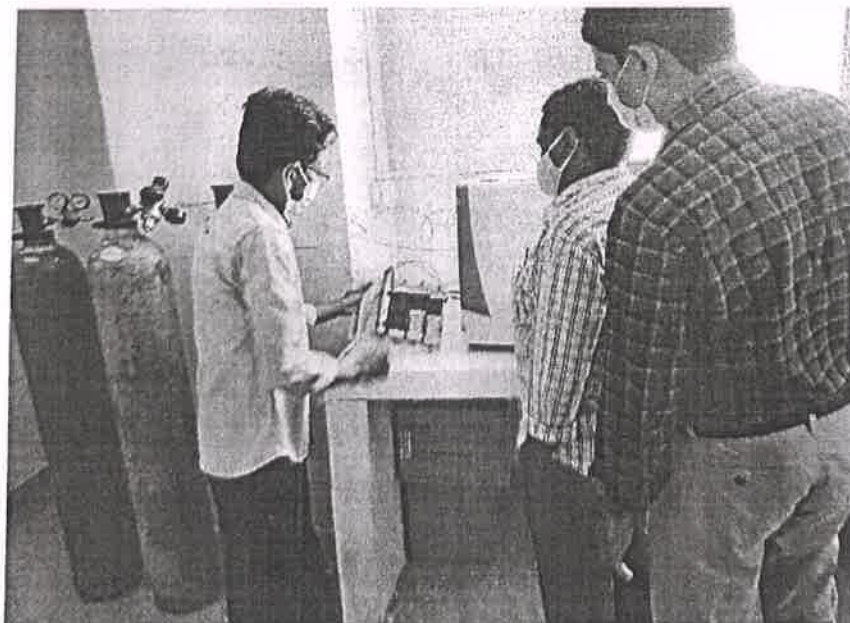
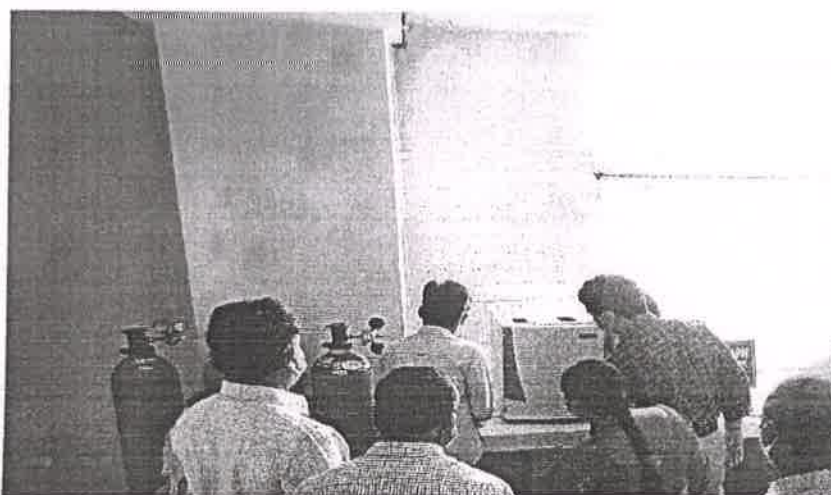


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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

Two day workshop on
“Analysis by using Gas Chromatography”
during 20-21, November, 2020



Dr. S. Siva Kumar demonstrating the gas chromatography equipment

R. Seidanthi
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Ch. Anil
Principal
Anil Neerukonda Institute of
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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

Two day workshop on "Analysis by using Gas Chromatography"

during 20-21, November, 2020

Attendance sheet

S. No.	Name of the faculty	20-11-2020 10:00 AM - 11:30 AM	20-11-2020 11:45 AM - 01:00 PM	20-11-2020 02:00 PM - 03:30 PM	21-11-2020 09:30 AM - 11:00 AM	21-11-2020 11:15 AM - 12:45 PM	21-11-2020 01:30 PM - 03:00 PM
1	Prof. R. Srikanth	Rsk	Rsk	Rsk	Rsk	Rsk	Rsk
2	Dr. Ch. Anil	Ch	Ch	Ch	Ch	Ch	Ch
3	Dr. M. Shiva Naresh	msn	msn	msn	msn	msn	msn
4	Mr. D. Guru Mahesh	DG	DG	DG	DG	DG	DG
5	Ms. P. Mallika Rani	Pmr	Pmr	Pmr	Pmr	Pmr	Pmr
6	Ms. S. Harika	S	S	S	S	S	S
7	Dr. K. China Malakondaiah	kl	kl	kl	kl	kl	kl
8	Mr. M. Koteswara Rao	kr	kr	kr	kr	kr	kr
9	Dr. D. Anjali	Danjali	Danjali	Danjali	Danjali	Danjali	Danjali
10	Mr. B. Pradeep Santosh Kumar	pd	pd	pd	pd	pd	pd

S. Sivakumar
(Dr. S. Siva Kumar)

R. Srikanth
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Principal
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Sangivalasa-531 162
Visakhapatnam Dist.
(Dr. Ch. Anil)



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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

Date: 03-11-2020

CIRCULAR

This is to inform all the non-teaching faculty that Dr. S. Siva Kumar will be conducting a one day workshop on "Operation of Gas Chromatography" on 21st November, 2020. The schedule for the workshop will be

Day	Time	Topic
21-11-2020	09:30 AM - 11:00 AM	GC operation and sample preparation
	11:15 AM - 12:45 PM	Qualitative analysis
	01:30 PM - 03:00 PM	Quantitative analysis

Dr. Ch. Anil 3/11/20
Dr. Ch. Anil

HoD, Chemical Engineering

R. Seelanth
Convener, IQAC
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Sangivalasa-531 162
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Principal
Principal
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Visakhapatnam Dist.



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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

Report on one day workshop on "Operation of Gas Chromatography"

during 21st November, 2020

One day workshop on "Operation of Gas Chromatography" on 21st November, 2020. The operating procedure and analysis of mixture using gas chromatography is well illustrated by Dr. S. Siva Kumar and both the non-teaching staff Ms. N. Tulasi and Mr. V. Pavan Kumar enthusiastically participated in the workshop. This helped the non-teaching staff to operate and help the students in analyzing the samples.

Dr. Ch. Anil

HoD, Chemical Engineering

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
SANGIVALASA-531 162
VISAKHAPATNAM DIST.

R. Sridhar
Convener, IQAC
Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.

Principal
Anil Neerukonda Institute of
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Sangivalasa-531 162
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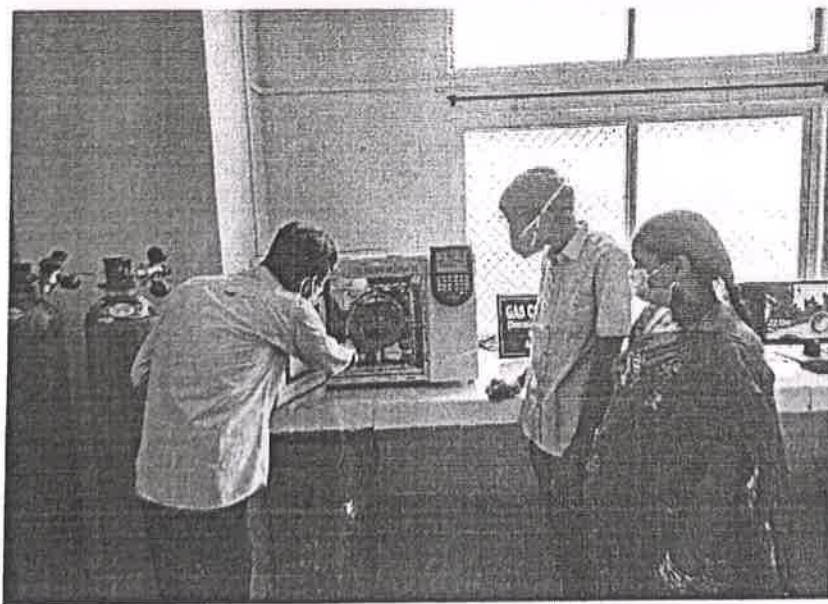
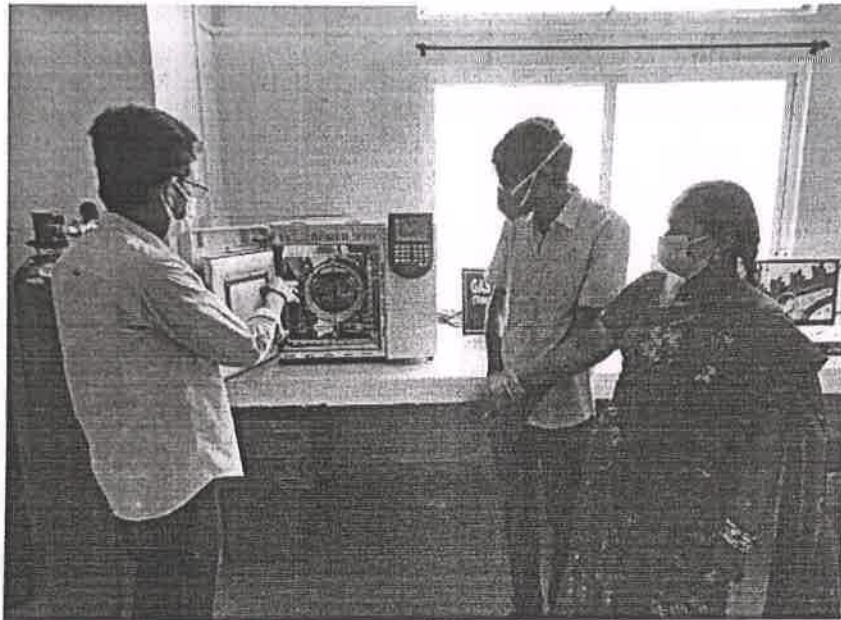
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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

One day workshop on "Operation of Gas Chromatography"

On 21st November, 2020



One day workshop on operation of gas chromatography on 20-11-2020

R. Senthil
Convener, IQAC
Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.

[Signature]
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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

One day workshop on "Operation of Gas Chromatography" on 21st November, 2020

Attendance sheet

S. No.	Name of the faculty	21-11-2020 09:30 AM - 11:00 AM	21-11-2020 11:15 AM - 12:45 PM	21-11-2020 01:30 PM - 03:00 PM
1	Ms. N. Tulasi	Tulasi	Tulasi	Tulasi
2	Mr. V. Pavan Kumar	Pu	Pu	Pu

S. Sivakumar

(Dr. S. Siva Kumar)

Ch. Anil

(Dr. Ch. Anil)

R. Sridhar
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Ch. Anil
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

AICTE-ISTE Refresher/Induction Programme for faculty and Research scholars

1 message

Naga Mani <nagamani.it@anits.edu.in>
To: smvec@smvec.ac.in

Thu, Feb 11, 2021 at 7:21 PM

Dear Sir/Madam,

Greetings of the Day!

We are pleased to inform you that the Department of Information Technology, ANITS is organizing AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "**Intelligent Learning (Phase-I)**" from 17th to 23rd February 2021.

Faculty members from Engineering Colleges of AICTE approved Institutions, Research Scholars and Industry Professionals are eligible to participate

Timings:

FN Session: 09.30 AM to 12.45 AM.

AN Session: 1.30 PM to 3.00 PM

Please find the attachment of brochure .For further details regarding the session topics and speakers please check the website it.anits.edu.in

We request you to kindly circulate the brochure to all your faculty members and encourage them to participate in the Programme.

Kindly refer the following link for Online Refresher/Induction Program Registration

Registration link:<https://forms.gle/933xuquuAn2BWT528>**Note:**

- 1) No Registration Fee
- 2) E- certificate will be issued to those participants who have attended the programme with Minimum of 80% attendance and 60% score in the online test.

Important Dates:

Duration of the Programme: 17-02-2021 to 23-02-2021

Last Date for registration: 13/02/2021

Intimation of selected Participants through Email: 15-02-2021

We look forward to your active participation.

Convenor**Dr.P.Padmaja****Professor and HoD****Department of Information Technology**

A. Seidanth
Convener, IQAC

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Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Ch
Principal
Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.

ANITS

Contact Details:

Coordinator:

Dr.M.Rekha Sundari,
Assoc. Professor, IT, ANITS.
Phone :+91 9848375001

Co-Coordinator:

M.Navyasri,
Asst. Professor, IT, ANITS.
Phone :+919704955847

A.Durga Praveen Kumar
Asst. Professor, IT, ANITS
Phone: +91 9642667945



Brouchure AICTE-ISTE Induction Program.JPG
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About The Institute:

Anil Neerukonda Educational Society (ANES) has been founded by Dr.N.B.R.Prasad, an NRI Philanthropist from USA and Sri V.Thiagarohan, an industrialist in memory of the Late Anil Neerukonda, son of the chairman, Dr.K.B.R. Prasad. Dr.N.B.R.Prasad working with missionary zeal, unwavering commitment and strong financial backing, along with his friends, planned and completed the construction of a \$6 million Sri Venkateswara Temple in Greater Chicago area, and this temple of higher learning, ANITS is permanently affiliated to Andhra University since 6th July 2010 and has been accredited and recognized by NBA in 2016 for all its eligible under graduate courses. The college Provides an ideal atmosphere for the students to learn and excel in the field of technical education.

About The Department:

The Department in Anil Neerukonda Institute of Technology was established in the year of 2001 with a vision of building tomorrow's digital world through academic excellence and research by disseminating knowledge for developing a healthy society. Information technology has become a part of our everyday lives, which is a great impact on our society. This Course especially focuses on the application in various information Technologies which meet industry requirements and administrative systems having importance in Globalization, Communication, arise in new jobs. It has 28 qualified teachers (Meeting the norms of AICTE) headed by Prof. P. Padmaja with 23.6 years of experience in teaching.

About ANES:

All India Council for Technical Education (AICTE) was set up in November 1985 as a national-level apex advisory body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner. And to ensure the same, a stipulated in the National Policy of Education (1986), AICTE was vested with:
• Statutory authority for planning, formulation, and maintenance of norms & Standards
• Quality assurance through accreditation
• Funding in priority areas, monitoring, and evaluation.

About ISTE:

The Indian Society for Technical Education (ISTE) is a national, professional non-profit making society. ISTE was registered as a society under the Societies Registration Act 1960 of New Delhi on 21 May 1968. First Started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into ISTE in 1966 with a view to enlarge its activities to advance the cause of technological education. The main objective of ISTE is to assist and contribute in the production and development of top-quality professional engineers and technicians needed by the industries and other organizations. ISTE provides quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity.

Objectives of Intelligent Learning:

1. To create awareness about the role of intelligent learning techniques in analyses of the data.
2. To bring all the available intelligent learning techniques being applied in various areas on to one platform.

Resource Persons:

Resource persons include Experts From
IT
NIT
IIM
MITTR
Industry And Other Leading Academic Institutions
For Details:
Please check the website anits.edu.in

Registration:

There is NO REGISTRATION FEE for the participants. Please click the following URL for Registration <https://forms.gle/933zuqauAN2BWT526>

Who can Apply:

Faculty members from Engineering Colleges of AICTE approved institutions, Research Scholars and Industry Professionals. No participation from faculty from outside India is allowed. Preference will be given to ISTE life member and to those who are applying for ISTE membership soon.

Participants Certificate:

E- certificate will be issued to those participants who have attended the programme with Minimum of 80% attendance and 60% scored in the online test.

Important Dates:

Duration of the Programme: 17-08-2021 to 23-08-2021
Last Date for registration: 15/08/2021
Intimation of selected Participants through Email: 15-08-2021

COMMITTEE:

Chief Patron:
Dr.N.B.R. Prasad, Chairman, ANES

Fatron:
Dr.T.V. Hanumantha Rao, Principal, ANITS

Convener:
Dr. P. Padmaja, Professor & HoD, Department of IT, ANITS

Coordinator:
Dr. M. Rekha Sundari,
Assoc. Professor, IT, ANITS,
Phone : + 91 9848375001

Co-ordinators:
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Asst. Professor, IT, ANITS,
Phone: + 91 9704955847
A. Durga Praveen Kumar
Asst. Professor, IT, ANITS
Phone: + 91 9642667945

Organizing Committee:

Dr. K. Sharda Ch.D. Haidu G. Pandá Samuel J.S.V. Hari Priyanka A. Surekha M. Swathi V.V. Nagamani P. Saiish Kumar	Associate Professor, IT, ANITS Sr. Assistant Professor, IT, ANITS Assistant Professor, IT, ANITS Assistant Professor, IT, ANITS Assistant Professor, IT, ANITS Assistant Professor, IT, ANITS Assistant Professor, IT, ANITS Assistant Professor, IT, ANITS
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ANITS
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY

AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES – 2020-21

on
Intelligent Learning (PHASE-1)
FEB 17 – 23, 2021
Sponsored by

Convener:
Dr. P. Padmaja
Professor & HOD
Department of IT

Coordinator
Dr. M. Rekha Sundari
Associate Professor
Department of IT

Organized By
Department of Information Technology

Anil Neerukonda Institute of Technology & Sciences
Autonomous status accorded by UGC and Andhra University
Approved by AICTE, Permanently affiliated to Andhra University
Accredited by NBA and NAAC with "A" Grade
Sangivalasa-531162, Bheemunipatnam (Mandla),
Vizakhapatnam(Dist), Andhra Pradesh, India.
Website: anits.edu.in/

R. Sai...
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Principal
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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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(Affiliated to Andhra University, Approved by AICTE & Accredited by NBA)

Sanglivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.

DEPARTMENT OF INFORMATION TECHNOLOGY

Intelligent learning Feb 17-23 PHASE-1 AICTE-ISTE Refresher Program Consolidated Participants List

CH.Venkateswara Rao	Assistant Professor	Gudlavalleru Engineering College
Mullapudi Navyasri	Assistant Professor	sciences
V.ANNAPOORNA	ASSISTANT PROFESSOR	Sciences
PRASADU REDDI	Assistant. Professor	ANITS
Anuradha yarlagadda	Assoc professor	Gayatri vidhya parishad college of engineering
P Anbhazhagan	Assistant Professor	Gayatri Vidya Parishad College of Engineering(A)
DONTAMSETTI	ASST. PROFESSOR	ANITS
Mahesh Kothuru	Assistant Professor	GITAM (Deemed to be University)
S.Kannadhasan	Assistant Professor	Cheran College of Engineering
RAJESWARI D	Assistant Professor	Panimalar institute of technology
Nitin Ishwarlal Bhopale	Assistant professor	Sanjivani College of Engineering
Gantayat	Associate Professor	GMR Institute of Technology
KARUNAJAH	Associate professor	AND SCIENCE
LAKSHMI	Assistant professor	UCEK(A), JNTUK Kakinada
Miriyala Kanthi Rekha	Assistant Professor	JNTUK
Egala	Research Scholar	SRM University-AP, INDIA
BALA	ASSISTANT PROFESSOR	TECHNOLOGY AND SCIENCES
Dr. Jagadish Gurrala	Assistant Professor	Sciences
GULLAPALLI SATHAR	Assistant Professor	ANITS
Dr.Gali Nageswara rao	Professor	Aditya Institute of Technology and Management
M. Aruna	Assistant Professor(C)	University College of Engineering(Autonomous)
KATAKAM	Assistant Professor	ANITS
PAMARTHI	ASSISTANT PROFESSOR	GMR Institute of Technology
N.V.ARUNA BHAVANI	Asst.professor	Dr.Lankapalli Bullayya College
BV PRASANNA LATHA	Assistant Professor	Dr Lankapalli Bullayya College
Meesala Rupasri	Assistant Professor	Dr.Lankapalli Bullayya College
M. A. Prasad	Assistant Professor	Dr LBCollege
P.R.S.NAIDU	ASSISTANT PROFESSOR	AUTONOMOUS
CH.SRILATHA	Asst.professor	Dr.Lankapalli Bullayya college
Santhoshini Sahu	Assistant Professor	GMRIT
KUMAR	Assistant professor	TECHNOLOGY
M.Kasiyammal	Assistant professor	Anakapalle
NarayanaRao	Assistant Professor	Raghu Institute of Technology Autonomous
Theerthagiri	Assistant professor	GITAM University Bengaluru
Chetana Tukkoji	Assistant Professor	GITAM School Of Technology
Dr Komarasamy G	Associate professor	GITAM University
KRISHNA	ASSISTANT PROFESSOR	SRI VASAVI ENGINEERING COLLEGE
PROF. B. ARUL RAJAN	ASSOCIATE PROFESSOR	THOOTHUKUDI
G	ASST PROFESSOR	SRI VASAVI ENGINEERING COLLEGE

R. Seetha
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Deepak D M	Assistant Professor	Gitam University
SRINIVAS CHALASANI	Asst professor	Sir c r reddy engineering college
P.V.Rama gopala rao	Asst. Professor	COLLEGE
N. Thirupathi Rao	Associate Professor	Vignan's Institute of Information Technology(A)
A REVATHI	Assistant Professor	ENGINEERING & TECHNOLOGY
Dr Vuppu Padmakar	Associate Professor	Methodist College of Engineering & Technology
N. JayaLakshmi	Assistant professor	Raghu Institute of technology, visakhapatnam
Vamsi Bandi	Assistant Professor	Vignan's Institute of Information Technology
LANKA	Assistant Professor	GUDLAVALLERU ENGINEERING COLLEGE
VENKATANAGENDRA	ASSOCIATE PROFESSOR	TECHNOLOGY
Mohit Kumar	Assistant Professor	DVSIET
KUMAR	ASSOCIATE PROFESSOR	GUDLAVALLERU ENGINEERING COLLEGE
Allada Koteswaramma	Assistant professor	Gudlavalleru Engineering College
KOUSIK	ASSISTANT PROFESSOR	GUDLAVALLERU ENGINEERING COLLEGE
SAI SOMAYAJULU	ASSISTANT PROFESSOR	GUDLAVALLERU ENGINEERING COLLEGE
AREPALLI	Sr Asst Prof	Sri Vasavi Engineering College
Paul T Sheeba	Assistant Professor	Kings Engineering College
Mayank Mittal	Assistant Professor	DVSIET Meerut
Dr.ch.suresh babu	Associate Professor	GUDLAVALLERU ENGINEERING COLLEGE
JOSHUA	Assistant Professor	Vignan's Institute of Information Technology(A)
JOYS KUMARI	ASSISTANT PROFESSOR	SCIENCE, TECHNOLOGY AND RESEARCH
SUMITHRA	ASSISTANT PROFESSOR	GUDLAVALLERU ENGINEERING COLLEGE
HARISH	Software engineer	Accenture
T.Sumallika	assistant Professor	Gudlavalleru Engineering College
TATA PRIYANKA	Assistant Professor	Gudlavalleru Engineering College
ADITYA Y	Assistant professor	Gudlavalleru Engineering College
Puspita Dash	Research Scholar	Annamalai University
Tapash K. Aich	Asst. Professor	Women's College, Tinsukia
Latha	Assistant Professor	Gudlavalleru Engineering College
Vineela Krishna. Suri	Assistant Professor	Gudlavalleru Engineering College
PPR MOHAN	Head of the Department	IDEAL COLLEGE
Vaddi Jeevan Kanth	Assistant Professor	Ideal college of arts and sciences
SEKHAR	Assistant Professor	SVCET SRIKAKULAM
CHITTAPRAGADA	Assistant Professor	Sri Vasavi Engineering College
CHEERLA POOJARANI	Assistant professor	Gudlavalleru Engineering College
Dr R Karthik	Assistant Professor	Sri Krishna College of Technology, Coimbatore
BRAHMAIAH	Assistant Professor	R.V.R.&J.C.COLLEGE OF ENGINEERING
SAGARA PANDU	Assistant professor	(Autonomous)
DOPPALA	ASSISTANT PROFESSOR	TECHNOLOGY(A)
Pulicherla Silva Prasad	Assistant Professor	RVR&JC COLLEGE OF ENGINEERING
PRANEETHA	Assistant Professor	GUDLAVALLERU ENGINEERING COLLEGE
M shalima sulthana	assistant professor	IIT rgukt rkvalley
sudhakar bathala	Guest Faculty	RGUKT IIIT-AP RK VALLEY
E SUSMITHA	ASSISTANT PROFESSOR	IIIT RGUKT RKVALLEY IDUPULAPAYA
J.S.V.Sai Hari Priyanka	Assistant Professor,	TECHNOLOGY AND SCIENCE
Gorli Santosh	Asst. prof.	ANITS
Neela	Assistant professor	GITAM school of technology

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Prof. N. Thanuja	Assistant Professor	Bangalore Institute of Technology
Dr Girija J	Associate Professor	Bangalore Institute of Technology
RAYALA RAVI KUMAR	Associate Professor	TECHNOLOGY, HYDERABAD
T Jalaja	Assistant professor	Vasavi college of engineering
VASUNDARADESAPA	Assistant Professor	ENGINEERING AND TECHNOLOGY
swathi ch	Assistant Professor	GNITS
Dr. K V G RAO	PROFESSOR	GNITS(AUTONOMUS)
A.S.V.Vandana	Assistant Professor	VNRVJIET
Alli Madhavi	Assistant Professor	VNRVJIET
PRASUNA	ASSISTANT PROFESSOR	TECHNOLOGY
Dr Padmaja Madugula	Assistant Professor	GITAM Deemed to be University
PATHI	ASSISTANT PROFESSOR	RAGHU INSTITUTE OF TECHNOLOGY
B.Mathura Bai	Associate Professor	VNR VJIET
Aruna Kumari A	Assit.Prof	VNRVJIET
HARINATH KUROVA	ASSISTANT PROFESSOR	TECHNOLOGY
Dr Raghavender K V	Assoc Prof	Science(For Women)
BHEEMALINGAPPA	Assistant Professor	VNRVJIET
Chinnakka Sudha	Assistant Professor	Mahatma Gandhi Institute of Technology
U CHAITANYA	Assistant Professor	TECHNOLOGY
V.Veena	Assistant Professor	TECHNOLOGY
DR.V.Suresh	Assistant Professot	ANITS, Vizag
J.HIMA BINDU	Assistant Professor	TECHNOLOGY
K. Hari priya	Assistant Professor	Institute of Engineering and Technology
Dr.K.Sharada	Associate Professor	ANITS
PALLI RAMAKRISHNA	Asst. Professor	Kakinada Institute of Engineering and Technology
Vemulapalli Saritha	Asst. Prof.	VNR Vignana Jyothi Inst. of Engg. & Tech.
Dr. P. Perumal	Professor	Sri Ramakrishna Engineering College
M.Susmitha	Assistant Professor	Institute of Engineering & Technology .
Dr.Padmavathy T V	Professor	R.M.K. Engineering College
Vadlamani	Assistant Professor	ANITS
M.Swathi	Assistant Professor	sciences
Bapanapalli lokesh	Asst.professor	Mahatma Gandhi institute of technology
A.M.Sirisha	Assistant Professor	Adikavi Nannaya University
Iyswarya R	Assistant Professor	Sri venkateswara College of Engineering
SWETHA BACHUWAR	ASSISTANT PROFESSOR	TECHNOLOGY
Silpaja Chandrasekar K	Assistant Professor	Sri Venkateswara College of Engineering
Kalum Saraswathi	Assistant professor	Jntuk, kakinada
Smita Pallavi	Teaching cum Research Fellow	Birla Institute of Technology Patna Campus
Lakshmi Durga	Assistant Professor	Anil Nerukonda Institute of Technology&Sciences
KANDA CHANDUSHA	Assistant Professor	ANITS
SURESH	Assistant Professor	ANITS
Dr. Ankita Tiwari	Assistant Professor	K. L. E. F., Deemed to be University
M.Pravin Kumar	Asst.Prof	VCE
KROVVIDI S B AMBIKA	Asst.Professor	TECHNOLOGY
NARAYANA	Assistant Professor	College(Autonomous), Tadepalligudem.
Mr. KALIYAPPAN R	RESEARCH SCHOLAR	COLLEGE, POLLACHI

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PROF. P.PADMAJA
Head of the Department
Department of IT
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SUMMARY REPORT

AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-I)"

The Department of IT has organized AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-I)" from 17th to 23rd February 2021.

On Day-1 Session-1 the Expert Prof.B Yegnanarayana, Adjunct Faculty, IIT Tirupati is invited to deliver the talk. The Expert started the session with Introduction to Intelligent Learning and he also gave brief explanation about the Deep Learning By ANN Vs Human Learning and also in that pattern driven, pattern processing, pattern recall, selective attention, processing and representation, pattern in high dimension and parallel and distributed processing and also he explained about Machine learning in ANN in that data driven, classification and regression, data reduction, statistical analysis, distribution in low dimension. Finally, he explained about History of AI.

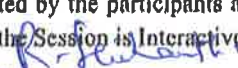
On Day-1 Session-2 the Expert Prof M.Shashi, Professor of the Department of Computer Science & Systems Engineering, A.U. College of Engineering(A), Andhra University, Visakhapatnam gave brief explanation about neural networks and its applications how we can utilize it effectively

On Day-2 Session-1 the Expert Prof M. Narasimha Murthy from IISC Bangalore, is invited to deliver the talk.

The Expert started the session with Introduction to Machine Learning and he also gave brief explanation about the differences between Induction, Deduction and Abduction and Machine Learning comes under Induction Learning i.e., Supervised Learning. He showed one most popular journal JMLR for ML and one popular Conference ICLR for ML and code is also available in that particular conference. He also discussed about Vector-space Models, Classification Techniques like Nearest-Neighbor Classifier and KNNC classifier using Euclidean Distance and Knowledge Based Learning. He also gave detailed explanation about Clustering and its techniques, Linear Discrimination and Artificial Intelligence. At the end of the Session Expert clarified the queries posted by the participants and the review of the session is given by few participants and they have reacted in a very positive manner as the Session is Interactive.

On Day-2 Session-2 the Expert Prof.P. Radha Krishna Professor at Department of Computer Science and Engineering, National Institute of Technology (NIT) Warangal, is invited to deliver the talk.

The Expert started the session with Introduction to Machine Learning, Classification Learning Problems and the differences between Supervised, Unsupervised and Reinforcement Learning. Majority people will be choosing Reinforcement Learning where Learning comes from Experience and Feedback. The Expert also spoken about Deep Learning, Classification problem, Supervised Learning Algorithm like Decision Tree with an Example and an Algorithm and the differences between Categorical and Continuous attributes. He also explained about the Criteria for finding the best split based on Information Gain, Entropy, Gini Index and Attribute Selection. The Naïve Bayes concept is discussed in detail about the classifier and formula, Derivation, Example with training Dataset, Similarity and Distance Measure. The Similarity Measure using Euclidean Distance, Cosine and Jaccard Similarity. Classification algorithms like K-NN Algorithm is also discussed. Also discussed about Neural Networks, Unsupervised Learning i.e, Clustering Definition and Clustering Examples, Types of Clustering, Major Clustering Approaches, Clustering Problems and other Partition Based Algorithms and Computing Distance Similarity with detailed explanation. At the end of the Session Expert clarified the queries posted by the participants and the review of the session is given by few participants and they have reacted in a very positive manner as the Session is Interactive


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On Day-3 Session-1 L. Venkat Ramana, CEO and Founder of DATAJANGO, is invited to deliver the talk

The expert started the session on Introduction to Python and Implementation of Regression Techniques in Python. The expert discussed about Data Science and how it is related to Artificial Intelligence, Types of Supervised Learning, Anaconda, Introduction to Jupiter Python, Compound Type- List, Python using DS, Sets, Dictionaries, control flow tools and functions. He also conferred about Data Distribution, Regression Techniques like Multiple Linear Regression, Linear Regression, Gradient, Classification and its techniques-- Handwritten Digital Datasets, Unsupervised Learning, Dimensionality Reduction etc. He also mentioned how does PCA works? By applying Eigen vectors and Eigen values on the co-variance Matrix. The Expert has given a detailed Explanation by showing the live examples and a sample code of Python Implementation is also done while delivering the talk. At the end of the Session Expert clarified the queries posted by the participants and the review of the session is given by few participants and they have reacted in a very positive manner as the Session is Interactive.

On Day-3 Session the Expert Dr.G.Jayasuma, Professor and head, Department of Information Technology, JNTUKUCEV is invited to deliver the talk. The expert started the session on "Journey towards Data science", The expert discussed about Data Science, The importance of Data, Preparation of Data, Model Engineering, Target Variables, Supervised Learning, Classification and Regression algorithms. The detailed Explanation on Key elements of Machine Learning, Representation of Data, Evaluation of Data, Optimization of Data, Reformation of Data. Also Explained on Applications of Data science, Data cleaning and preparation, Descriptive statistics and Inference statistics. The expert illustrated Data science in Agriculture, Weather prediction, Digital soil and crop mapping, Fertilizer recommendations, Disease detection and pest manager with simple examples. The Expert has given a detailed Explanation on top algorithms for Data scientists like PCA, Logistic Regression, Decision Trees, Support vector machine, Recurrent neural network, Artificial Neural network, Apriori, Linear regression, K-means, Logistic regression. Also given a detailed lecture on Different tool used in datascience, extracting meaningful insights from data. At the end of the Session Expert clarified the queries posted by the participants and the review of the session is given by few participants and they have reacted in a very positive manner as the Session is Interactive

On Day-4 Session-1 the Expert Dr.K. Hima Bindu, Assistant professor, CSE, NIT APIs invited to deliver the talk..

The Expert started the session with Introduction to Collaborative and Content Filtering and he also gave brief explanation about the content-based recommendation, plan of Action, calculation of TF-IDF for filtering the words, user profiles and prediction & benefits and how to build a user profiles and she also explained about collaborative filtering, how to find similar users, how to predict the ratings, Item-Item collaborative filtering and its advantages & disadvantages. At the end of the Session Expert clarified the queries posted by the participants and the review of the session is given by few participants and they have reacted in a very positive manner as the Session is Interactive and

On Day-4 Session-2 the Expert Prof.Kamakshi Prasad, Professor, Dept. of Computer Science & Engg. JNTUHis invited to delivered the talk. The Expert Introduction is given by Mrs. M. Swathi.

The Expert started the session with Introduction to Support Vector Machines and he also gave brief explanation about the what are the unique advantages of SVM, importance of various ML algorithms and training phase & testing phase and he also explained about classification models and various Neural network architectures like two-layer Neural network architectures, brief explanation on Linearly separable and Non-Linearly separable and steps in support vector machines. At the end of the Session Expert clarified the queries posted by the participants and the review of the session is given by few participants and they have reacted in a very positive manner as the Session is Interactive and Vote of Thanks is given by Mrs M. Swathi. At the end of the session Attendance Link is generated in the Chat box.

On Day-5 Session-1 Mr.Anirban Pal, Enterprise Architect, Tech Mahindra is invited to deliver the talk. The expert started the session with introduction to neural networks Deep Understanding of MLP, BPN, Error, loss, accuracy, gradient descent, activation, etc. A few types of Neural Networks, Image and Video based problems, Size and parameter tuning problem, Image classification, Object Detection, Object Isolation, Convolutional Neural Networks, Convolution, Padding, Pooling, Activation: ReLU, LReLU, RReLU, PReLU, ELU, GELU, Swish, Mish, Simple Architectures, Advanced Architectures, AlexNet, VGG-16 & 19, Inception Net, XceptionNet, Code Demos of CNN In Keras and Python

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On Day-5 Session-2

The expert Prof. MHM KRISHNA PRASAD Garu from University, is invited to deliver the talk. The Expert started the session with Introduction to Data visualization using Python. He also gave a brief explanation about data handling and visualisation with pandas. He how to identify the outliers from boxplot,shaping the dataset ,extracting data from the dataset.Visualisation of data using histograms, Density plots,box and whisker plots,how to identify outliers,visualising multivariate plots from data and about scikitlearn and statistical models of machine learning. At the end ofthe Session Expertclarified the queries posted by the participants and the review of the session is given by fewparticipants and they have reacted in a very positive manner as the Session is Interactive

Day 6 Session 1: The Expert Nitai Sivani Mataji, ISKON, is invited to deliver the talk. The Expert gave a wonderful session on happiness and how to remove the negativity from our thoughts and how to stay positive

Day 6 Session 2 :- The Expert Sam Oguri is the Director of Chegg India., is invited to deliver the talk

The Speaker gave Introduction to Artificial Intelligence, Daily applications of AI, Capability of AI in present life, Understanding AI. Defined Artificial Neuron Network and structure of Biological neuron, Explained in detail about biological neuron, neuron processes, Signals, Artificial Neuron: is explained using diagram, Input Values, Weights and bias, Activation Function, Output Layer. Discussed the difference between artificial and biological neuron and summarized them. Explained Mathematical representation of perceptron using matrix. All the following terms are explained in detail using Diagrams, Graphs and Flow chart.

The total number of participants are 100 from various colleges like Gudlavalluru college of engineering, JNTU Kakinada, GMR institute of Technology, SRM university AP, Lankapalli Bullayya College, Aditya Institute of Technology and Management.,

day1 link meet.google.com/qgj-vhcg-tbn

day2 link meet.google.com/rng-bxpx-ccd

day 3 link meet.google.com/cwk-nrxw-qcu


day 4 link meet.google.com/rqy-aopv-vtd

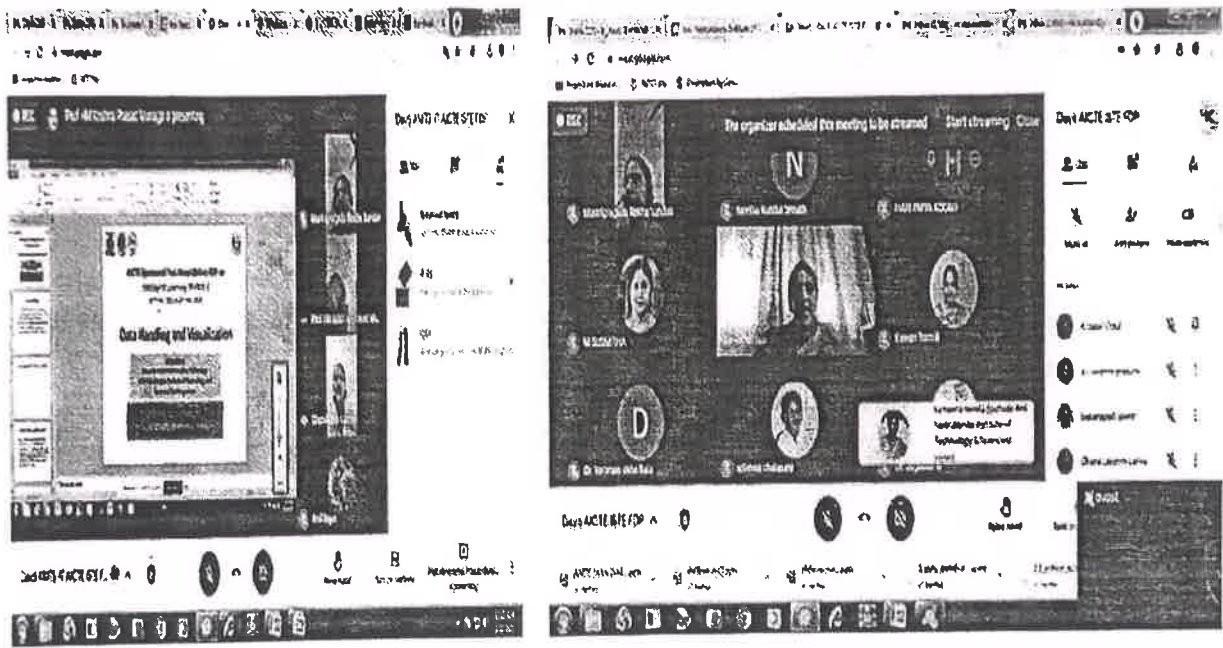
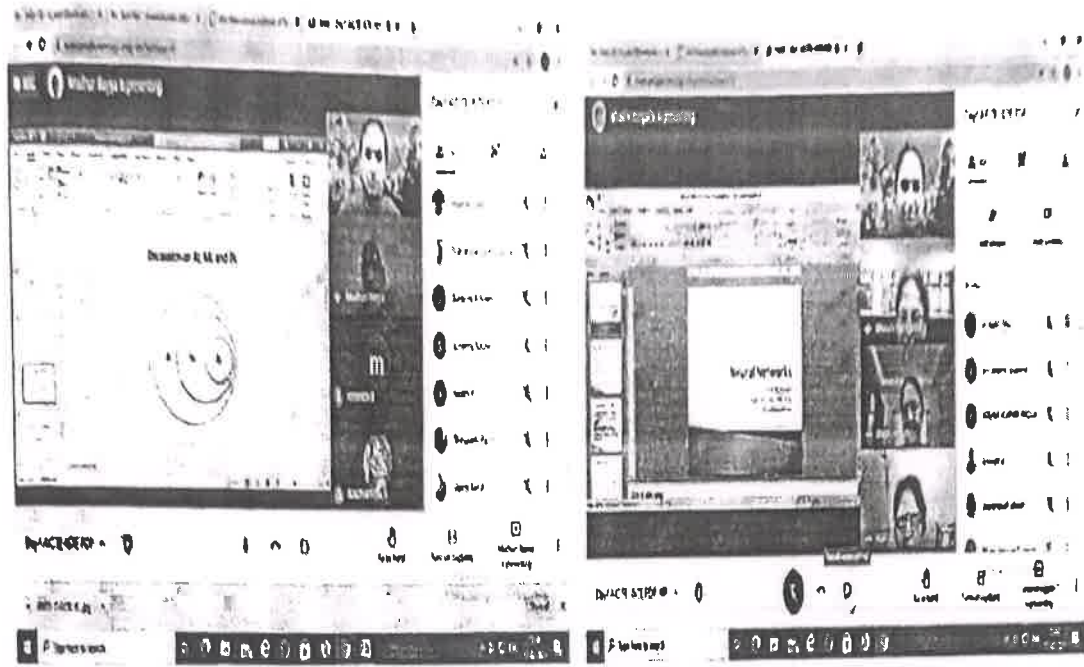
day 5 link meet.google.com/tso-xztr-del

day 6 link meet.google.com/gmm-xyla-wct


Dr. M. Rekha Sundari
Faculty Coordinator


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HoD, IT
Prof. P. PADMAJA
Head of the Department
Department of IT
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The Department of IT has organized AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-I)" from 17th to 23rd February 2021.

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Prof. P.PADMAJA
Head of the Department
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Certificate



This is to certify that **ADIDAM SUREKHA** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Intelligent Learning”** held during **17.02.2021** to **23.02.2021** organized by **Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam, Andhra Pradesh.**

Director (FDC)
AICTE, ND

Executive Secretary

Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162

Program Coordinator
ANITS, Visakhapatnam

Principal
Anil Neerukonda Institute of
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Principal

ANITS, Visakhapatnam



Naga Mani <nagamani.it@anits.edu.in>

Invitation to participate in ANITS-IT ONLINE AICTE-ISTE Sponsored Refresher Program on INTELLIGENT LEARNING

3 messages

MantriPragada Rekha Sundari <mrekhasundari.it@anits.edu.in>

Thu, Mar 4, 2021 at 1:46 AM

To: IT <it@anits.edu.in>, HOD IT <hod_it@anits.edu.in>

Dear Sir/Madam,

Greetings of the Day!

We are pleased to inform you that the Department of Information Technology, ANITS is organizing AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on “**Intelligent Learning (Phase-II)**” from 18th to 24th March 2021.

Faculty members from Engineering Colleges of AICTE approved Institutions, Research Scholars and Industry Professionals are eligible to participate

Timings:

FN Session: 09.30 AM to 12.45 AM.

AN Session: 1.30 PM to 3.00 PM

Please find the attachment of brochure .For further details regarding the session topics and speakers please check the website it.anits.edu.in

We request you to kindly circulate the brochure to all your faculty members and encourage them to participate in the Programme.

Kindly refer the following link for Online Refresher/Induction Program Registration

Registration link:

<https://forms.gle/Ui4mbfz3oJ9PNNIX7>

Note:

- 1) No Registration Fee
- 2) Not applicable to phase 1 certified candidates


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Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.


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About The Institution

Anil Neerukonda Educational Society (ANES) has been founded by Dr.N.B.R.Prasad, an NRI Philanthropist from USA and Sri V. Thapovardhan, an Industrialist in memory of the Late Anil Neerukonda, son of the chairman, Dr.N.B.R. Prasad. Dr.N.B.R.Prasad working with missionary zeal, unrelenting commitment and strong financial backing, along with his friends, planned and completed the construction of a \$6 million Sri Venkateswara Temple in Greater Chicago area, and this temple of higher learning. ANITS is permanently affiliated to Andhra University since 6th July 2016 and has been accredited and re-accredited by NBA in 2018 for all of its eligible undergraduate courses. The college provides an ideal atmosphere for the students to learn and excel in the field of technical education.

About The Department

The IT Department in Anil Neerukonda Institute of Technology was established in the year of 2001 with a vision of building tomorrow's digital world through academic excellence and research by disseminating knowledge for developing a healthy society. Information technology has become a part of our everyday lives, which is a great impact on our society. This Course especially focuses on the application in various information technologies which meet industry requirements and administrative systems having importance in Globalization Communication, arise in new jobs. It has 29 qualified teachers (Meeting the norms of AICTE) headed by Prof. P. Padmaja with 23.6 years of experience in teaching.

About AICTE

All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level apex advisory body to conduct a survey on the facilities available for technical education and to promote development in the country in a coordinated and integrated manner. And to ensure the same, as stipulated in the National Policy of Education (1986), AICTE was vested with:

- Secretary authority for planning, formulation, and maintenance of norms & standards
- Quality assurance through accreditation
- Funding in priority areas, monitoring, and evaluation.

About ISTE

The Indian Society for Technical Education (ISTE) is a national, professional non-profit making society. ISTE was registered as a society under the Societies Registration Act 1860 of New Delhi on 21 May 1968. First started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into ISTE in 1968 with a view to enlarge its activities to advance the cause of technological education. The main objective of ISTE is to assist and contribute in the production and development of top-quality professional engineers and technicians needed by the industries and other organizations. ISTE provides quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity.

Objectives of Intelligent Learning

1. To create awareness about the role of intelligent learning techniques in analysis of the data.
2. To bring all the available intelligent learning techniques being applied in various areas on to one platform.

Resource Persons

Resource persons include Experts From
IT
NIT
IIM
NITRR
Industry And Other Leading Academic Institutions
For Details:
Please see check the website (Anits.edu.in)

Registration

There is NO REGISTRATION FEE for the participants. Please click the following URL for Registration <https://forms.gle/UM6bctzGm8e8t7>
Note: Enrollment open for phase 1 participants just up till the phase 2 deadline & enrollment

Who can apply?

Faculty members from Engineering Colleges of AICTE approved institutions, Research Scholars and Industry Professionals. No participation from faculty from outside India is allowed. Preference will be given to ISTE life members and to those who are applying for ISTE membership.

Participation/Certificate

E- certificate will be issued to those participants who have attended the programme with minimum of 80% attendance and 65% score in the online test.

Important Dates

Duration of the Programme: 18-03-2021 to 24-03-2021
Last Date for registration: 14/03/2021
Intimation of selected Participants through Email: 15-03-2021

Coordinators

Chief Patron

Dr. A.E. Prasad,
Chairman, ANES.

Patron

Dr. T. Ramaswami Reddy,
Principal, ANITS

Convener

Dr. P. Padmaja,
Professor & HoD, Department of IT, ANITS

Coordinator

Dr. M. Rekha Sundari,
Assoc. Professor, IT, ANITS.
Phone :- 91 8545378001

On-site Observers

Mr. L.V.S. Hari Prasad,
Asst. Professor, IT, ANITS.
Phone :- 91 8374182474

Mr. K. Suresh

Asst. Professor, IT, ANITS
Phone :- 91 8160442820

Organizing Committee

- Dr. Ram Prasad Reddy Gadi Associate Professor, IT, ANITS
- Dr. V. Baramba Assistant Professor, IT, ANITS
- Mr. M. V. Chandra Assistant Professor, IT, ANITS
- Mr. R. Prasad Assistant Professor, IT, ANITS
- Mrs. G. Vijayalakshmi Assistant Professor, IT, ANITS
- Mrs. K. Swathi Lakshmi Durga Assistant Professor, IT, ANITS
- Mrs. K. Chandra Assistant Professor, IT, ANITS
- Mr. K. V. Chandra Babu Assistant Professor, IT, ANITS
- Mr. D. Satya Prasad Assistant Professor, IT, ANITS



AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES – 2020-21

on
INTELLIGENT LEARNING (PHASE-2)

MARCH 18 – 24, 2021

Sponsored by



Convener:
Dr. P. Padmaja
Professor & HOD
Department of IT

Coordinator
Dr. M. Rekha Sundari
Associate Professor
Department of IT

Organized By

DEPARTMENT OF INFORMATION TECHNOLOGY

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Autonomous status accorded by UGC and Andhra University
Approved by AICTE, Permanently affiliated to Andhra University
Accredited by NBA and NAAC with "A" Grade
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DEPARTMENT OF INFORMATION TECHNOLOGY

Intelligent learning March 18-24 PHASE-2 AICTE-ISTE Refresher Program Consolidated Participants List

Name	Designation	College Name
Ravi Gorli	Assistant Professor	Anil Neerukonda Institute of Technology and Sciences
Dr. Rizwan Patan	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
RAPARTHI YASWANTH	Assistant Professor	Prasad V. Potluri Siddhartha Institute Of Technology
Dr. RIZWAN PATAN	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
CH.Venkateswara Rao	Assistant Professor	Gudlavalleru Engineering College
LOYA LAKSHMI PRANEETHA	Assistant Professor	GUDLAVALLERU ENGINEERING COLLEGE
Dr.S.Priyadarshini	Associate Professor	P.S.R Engineering Collge
B ASHREETHA	Assistant Professor	Sree Vidyanikethan Engineering College
S R Suvarnika	Assistant Professor	Sree Vidyanikethan Engineering College
Praveena Kakarla	Assistant Professor	SVEC - Sree Vidyanikethan Engineering College,
Manthan Jayantbhai Surti	Assistant Professor	Laxmi Institute of Technology, Sarigam,Valsad,Gujarat
S R Suvarnika	Assistant Professor	Sree Vidyanikethan Engineering College
Dhampal Singh	Associate Professor	JIS COLLEGE OF ENGINEERING
Debasis Guha	Assistant professor	Dr B C Roy Engineering College Durgapur
Kaushal Bhardwaj	Assistant Professor	Indian Institute of Information Technology Senapati
YALLAMANDA CHALLA	Assistant Professor	Sir C R Reddy College of Engineering, Eluru
Dr.ASADI SRINIVASULU	Professor	SREE VIDYANIKETHAN ENGINEERING COLLEGE
V Suresh	Assistant Professor	G.Pulla Reddy Engineering College(Autonomous)
Dr. SREEKANTH R	Associate professor	New Horizon College of Engineering
Sanjib Kumar Nayak	Assistant Professor	Veer Surendra Sai University of Technology, Burla
DIWAKAR TIWARY	PhD Scholar	HIMALAYAN UNIVERSITY
Sreeramaju Swetha	Assistant professor	Vignan's Institute of management and technology for
GANTI NAGA SATISH	Professor	BVRIT HYDERABAD College of Engineering for Women
M V V S SUBRAHMANYAM	Assistant professor	Sasi Institute of technology and engineering
Dr. Sonam Mittal	Associate Professor	B K Birla Institute of Engineering and Technology Pilani
Mr Y R JANARDHAN REDDY	Assistant Professor	G PULLA REDDY ENGINEERING
S FAYAZ BEGUM	Assistant professor	Aits rajampet
subodh panda	professor	pragati engineering college
PPR MOHAN	Head of the Department	IDEAL COLLEGE OF ARTS & SCIENCES(A)
Dr. Yalamanchili Sangeetha	Associate Professor	V.R.Siddhartha Engineering College
Shivam Sham Agrawal	Assistant Professor	Dhole Patil College of Engineering, Kharadi Pune
Dakshya Prasad Pati	Assistant Professor	Trident Academy of Technology
MACHANURU SURESH BABU	Assistant professor	SRK INSTITUTE OF TECHNOLOGY, Vijayawada
Yalla Sowmya Reddy	Assistant Professor	Anurag University
Ms. Sushmita Chakraborty	Assistant Professor	Patna Women's College
Subhrangu Chandra	AP- II	Dr. B. C. Roy Engineering College, Durgapur
YANAMANDRA RAVI SEKHAR	Assistant Professor	SVCET SRIKAKULAM
R. Angeline	Assistant Professor	SRM Institute of Science and Technology
SOUMYA R	Assistant Professor	Cambridge Institute of Technology

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S GOPAL KRISHNA PATRO	ASSISTANT PROFESSOR	GIET UNIVERSITY, GUNUPUR, ODISHA, INDIA
ASHISHKUMAR M PAREJIYA	DATA SCIENTIST & SR. M	PWPL-PIRAMAL GROUP OF INDUSTRIES
Dr. SIVA NAGESWARA RAO	Professor	NARASARAOPETA ENGINEERING COLLEGE
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Pramod Deshmukh	Asst. Professor	D Y Patil College of Engineering Akurdi, Pune
Ashish Balkrishna Vartak	Assistant Professor	Finolex Academy of Management and Technology
Vishakha A. Metre	Computer Engineering	D Y Patil College of Engineering, Akurdi
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Dr. Shivang Patel	Assistant Professor	CPI
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S Vinay Kumar	Assistant Professor	G.Pulla Reddy Engineering
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Krishna Siva Prasad Mudigonda	Assistant Professor	VIT-AP
Dr RAMACHANDRA BANDI	Assistant professor	Annamacharya Institute of Technology & Sciences
PATAN YEJDHANI KHAN	Assoc.Prof,HOD	ATGIET, Markapur
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PVN Rajeswari	Associate professor	PBR VITS
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J. Buvana	Assistant Professor	Sri Venkateswara College of Engineering
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Roopa V	Assistant Professor	Sri Krishna College of Technology
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Sashi Kumar Mamidanna	Assistant Professor	Vasavi College of Engineering
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N SREE DIVYA	Assistant Professor	Mahatma Gandhi Institute of Technology
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Hiranmayee Nandysla	Assistant Professor	Sri Vasavi Engineering college autonomous
R R THIRRUNAVUKKARASU	Assistant Professor	SRI KRISHNA COLLEGE OF TECHNOLOGY

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Siva Jyothi Bara	Assistant Professor	ANITS
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Ali Madhavi	Assistant Professor	VNR Vignana Jyothi Institute of Engineering and
Ch.DemuduNaidu	Sr.Asst.Professor	ANITS
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ADITYA SUNDAR NOOTI	Assistant professor	Anil neerukonda institute of technology and sciences
MAJJI VENKATA KISHORE	Assistant Professor	ANIL NEERUKONDA INSTUTITE OF TECHNOLOGY
A Durga Praveen Kumar	Asst Professor	Anils
Dr.V.Suresh	Assistant professor	ANITS, Visakhapatnam
Dr.K.SELVANI DEEPTHI	ASSOCIATE PROFESSOR	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY
Shakti chouraslya	Assistant professor	GIT, GITAM(deemed to be) University
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Andhavarapu Bhanusri	Assistant Professor	Anil Neerukonda Institute of Technology and Sciences
Nerella sameera	Assistant professor	Sr CRR College of Engineering
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V.ANNAPOORNA	Assistant Professor	Anil Neerukonda Institute of technology and sciences
G Surya Bharti	Assistant Professor	GITAM Institute of Technology
G Gowri pushpa	Assistant Professor	ANITS
G.Vijayalakshmi	Assistant Professor	ANITS

M. Ananda

b.b
Prof. P. PADMAJ
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SUMMARY REPORT

AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-II)" from 18th to 24th March 2021.

The Department of IT has organized AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-II)" from 18th to 24th March 2021.

Day 1 Session 1 The Expert Dr. Shanthi Chilukuri, Professor Gitam University started the session with an introduction to Machine learning and Networks. She gave the details about how Machine Learning algorithms can be used to predict, classify or to analyze the network parameters. By keeping in view of fresh researchers, she explained how to identify the problem statement, how it can be related and solved by using different machine learning algorithms. She also gave an insight about different datasets and simulation tools which are available readily as an open source and how the real time data set can be constructed with the help of simulation tools. She explained some of the performance metrics by taking small example predicates and Case studies. At the end she explained about her recent research work related to protocol design for and QoS provision in constrained networks. She gave an insight about present ongoing research work in the field of different protocol designs and QoS for IoT and IIoT.

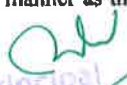
On Day-1 Session 2 the speaker Dr. Nagaraju Baydeti is invited to deliver the talk.

The speaker started the session on Introduction to Data Sciences with application in python. The Expert discussed the introduction to Data sciences, origin of DS, why it is useful and also discussed DS workflow, life cycle and its applications. After that speaker started the session completely in practical mode, he discussed python packages such as xlwt, os, random and shown the usage of it and speaker taught about how to create dataset from scratch and how to fabricate the data in terms of CSV file and how the metadata of any dataset that going to be fabricated and also shown how to handle missing values and how to represent missing data representation in pandas, NumPy and also shown how to preprocess and visualize the data. The Expert has given a detailed Explanation by showing the live examples and a sample code of Python Implementation is also done while delivering the talk.

Day 2 Session 1 The expert Mr. Anirban Pal, Enterprise Architect, Tech Mahindra started the session with the introduction of context setting, Target audience, prerequisites. He explained in detail about Neural Networks, Deep understanding of MLP, BPN algorithms, and calculation Error, Loss, gradient descent, activation and also, he described a few types of neural networks. Later He discussed Image and video-based problems, Size and parameter tuning problem, Image classification, Object Detection, Object isolation, Convolutional Neural Networks, Convolution, Padding, Activation functions like ReLU, LReLU, RReLU, PReLU, ELU, GELU, Swish, Mish. He explained about Simple Architectures, Advanced Architectures like ALEXNet, VGG-16 & 19, Inception Net, Xception Net and discussed Code Demos of CNN in Keras and Python. He explained in detail about Multi back-Prop, identify features with filters /kernels and audience Activity-find a feature kernel for 9. The Expert has given a detailed Explanation by showing the live examples.

Day 2 Session 2 The Expert Dr. Kadambari K V working as an Assistant Professor, Dept. of Computer Sc. & Engineering, National Institute of Technology, Warangal, started the session with an introduction to Machine Learning. She discussed the importance of Machine learning and goals of Machine Learning, Image Processing, computer vision, and also explained differences between Traditional programming and Machine Learning. She explained various types of learning like supervised learning, Unsupervised learning and reinforcement learning, training and testing, overfitting and underfitting and which machine learning algorithm should use for various tasks. At the end of the Session Expert clarified the queries posted by the participants and the review of the session is given by few participants and they have reacted in a very positive manner as the Session is Interactive.


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Visakhapatnam Dist.


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Day 3 Session 1 Dr.D.Lalitha Bhaskari Professor in Andhra University has started the session with the basic topics of Machine Learning. After discussing the basic topics of Machine Learning, Deep Learning, she started elaborating the Tensor flow processing and GPU and their advantages in the Deep learning layers. Covered all layers in the Deep learning with the best examples used in real time. She continued the session with the topics pooling, sub pooling, max pooling, Convolution kernel, Activation function, Sigmoid activation function, ADAM, tuning, tanh function, Batches and epochs, regularization and early stopping.

Day 3 Session 2 The speaker Mr.Praveen Vasari,"Gramener (Datascience organisation) Hyderabad as a Lead Data scientist", started the session with the description of data analytics and how a ML project can be derived. He also threw light on the basic knowledge to be gained to become a data scientist and data analyst. He also presented few Case studies to elaborate the need of data analyses. Illustrated a business example why ML techniques are needed. Discussed the code for analysing data, finding the outliers, finding the missing data, Random forest algorithm, sgd classification algorithms. Extra trees classification, feature selection, training and test data separation in scikit learn machine learning library. Discussed how cross validation helps in deciding the best model for the application..

Day 4 Session 1& 2 The Expert Dr. Sanatan Sukhija is an Assistant Professor in the Department of Computer Science and Engineering at Mahindra University École Centrale School of Engineering started the session with Introduction of Transfer learning. He also gave a brief explanation about the cyber security capabilities, identity, Optimization technique and K linear regression. The speaker discussed the learning paradigms and applications of Linear Regression, Polynomial Regression, Decision trees, clustering and collaborative filtering. Illustrated an example of k-means clustering with internal and external evaluation techniques. In unsupervised learning the topics like dimensionality reduction and Rule mining were discussed. The speaker also presented the need and applications of ensemble techniques with bagging and boosting examples. Vote of Thanks is given by Mrs.K.Chandusha. At the end of the session Attendance Link is generated in the Chat box.

Day 4 Session 3

The Expert Dr G.Jaya Suma, Professor and head, Department of Information Technology, JNTUKUCEV presented her deep insight on Machine Learning. She explained very well about supervised algorithms model construction with Practical examples. She discussed an example on the modern olympic games dataset and explained clearly the code in python in analysing, preprocessing, encoding and transforming the dataset. At the end of the Session Expert clarified the queries posted by the participants and the review of the session is given by few participants and they have reacted in a very positive manner as the Session is Interactive

Day 4 Session 4

The Expert Dr.K.Sharada, Associate Professor ,ANITS discussed the problem of overfitting in supervised learning algorithms in the context of regression and classification. She explained the generalization error of the model estimation using k-fold cross validation and how an overfitting problem can be addressed using hyperparameter tuning (trying models of different complexity), reducing the number of features, using ensemble methods, and regularization. She discussed the motivation to regularization and the situations where the concept can be used, types of regularization Lasso Regression and Ridge Regression.

Day 5 Session 1 & 2

The Expert Dr.Yayati Gupta Assistant Professor in the Computer Science & Engineering Department at Mahindra University École Centrale School of Engineering has discussed Social Network analysis, sociological principles, Transitivity concepts With simple examples with R Language. The world has become highly interconnected and hence more complex than ever before. We are surrounded by a multitude of networks in our daily life, for example, friendship networks, online social networks, world wide web, road networks etc. All these networks are today available online in the form of graphs which hold a whole lot of hidden information. They encompass surprising secrets which have been time and again revealed with the help of tools like graph theory, sociology, game theory etc.

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Day 5 Session 2

The Dr. Souvick Chatterjee, works in the Education Team at Math Works started the session with Introduction "AI with Mat lab, Different Sensors, End to End steps like Access, Develop, Analyze and Deploy Deep learning, Data stores in Mat lab, Approaches for deep learning with simple examples, showing implementation of concepts in MATLAB for different scientific and engineering applications.

The speaker demonstrated how MATLAB makes it easy for students to learn and perform domain-specific deep learning tasks involving data pre-processing, image labelling, network design and transfer learning. MATLAB supports interoperability with open source deep learning frameworks, enabling students to apply Tensor Flow, PyTorch, and other popular frameworks in their MATLAB deep learning projects. He also discussed Using MATLAB to combine statistics and machine learning with application specific techniques such as signal processing, image processing, text analytics, optimization and controls. In this presentation, we will cover all these aspects showing implementation of concepts in MATLAB for different scientific and engineering applications.

Day 6 Session 1

The Expert Mr.Santosh Rao, who had been working as a social worker and an International Trainer has started the session with Introduction of How can we handle stress in healthy ways? like Eat and drink to optimize health, Exercise regularly, Stop using tobacco and nicotine products, Study and practice relaxation techniques, reduce triggers of stress. Examine your values and live by them, Assert yourself and set realistic goals and expectations and he also suggested participants some exercises to feel stress free. The speaker with the support of Art of living state coordinator narrated various stress release exercises with good short stories and made the session very interesting. The participants expressed their happiness with the session.

Day 6 Session 2

The Expert Dr.J.V.R.Murthy Professor in Department of Computer Science, Director Incubation & IPR, JNTUK, Kakinada, elucidated the project Real-Time Traffic Management System using an Object-detection based Signal Logic. He also explained how the process of image classification was performed using object detection through YOLO and SSD. All the 5 modules of the main program, 4 modules to access camera feed in each direction to determine PCU count and submit and 5th module to initiate the signal logic were described clearly. The speaker also thrown light on the future enhancements of the project they are planning to proceed with.

The total number of participants are 100 from various colleges like Gudlavalleru college of engineering, Mahatma Gandhi Institute of Technology, JNTUK UCVE, Saint Mary Group of Institution etc.

18/03/21 Day 1 Session link: <https://meet.google.com/qnf-ykkm-zxo>

19/03/21 Day 2 Session Link : <https://meet.google.com/oiw-dqfc-pvp>


20/03/21 Day 3 Session Link : <https://meet.google.com/fve-qhpz-hji>


22/03/21 Day 4 Session link : <https://meet.google.com/muw-vzpu-osj>

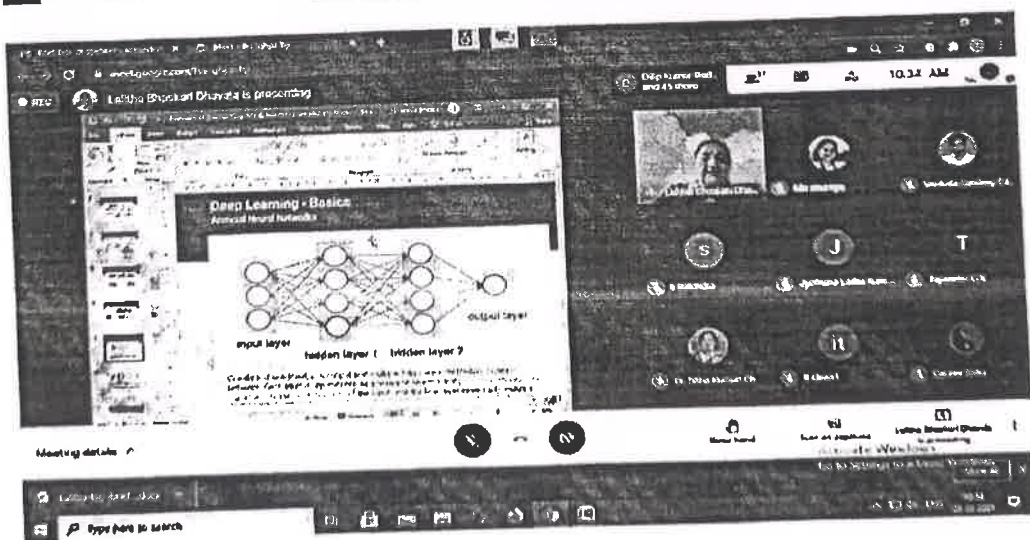
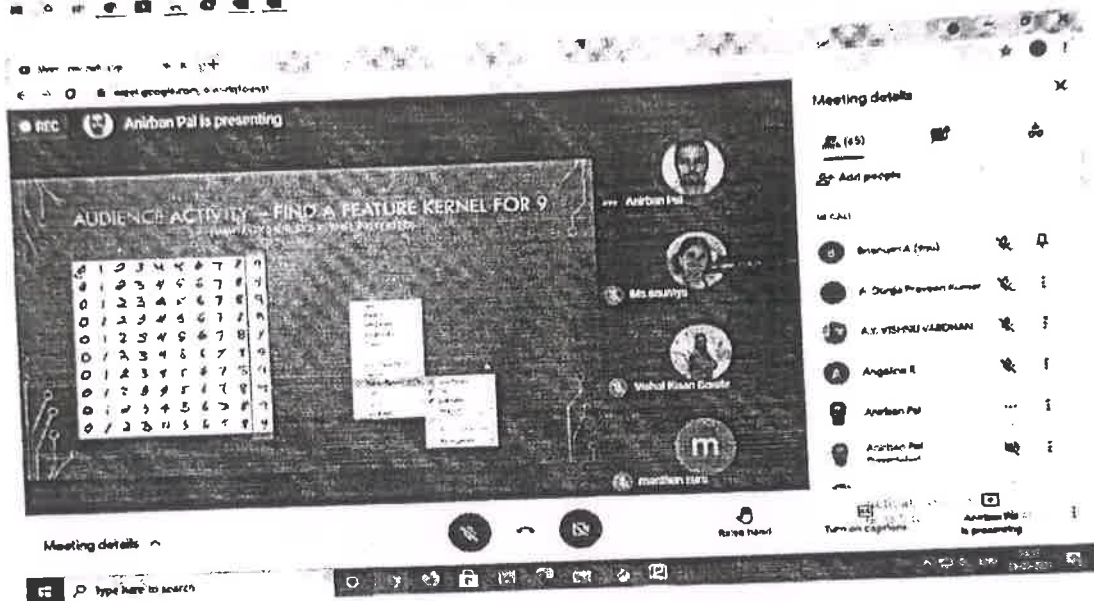
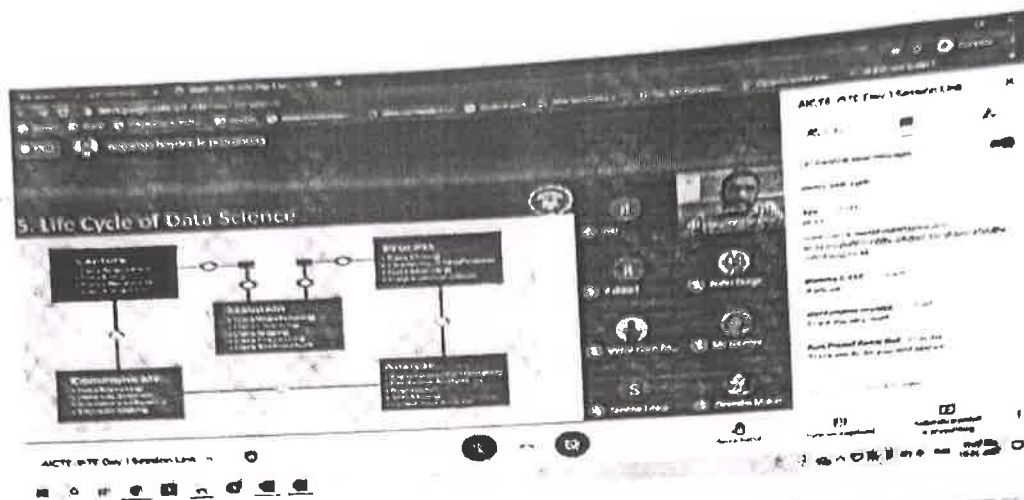
23/03/21 Day 5 Session Link : <https://meet.google.com/zcs-atjz-vju>

24/03/21 Day 6 Session Link : <https://meet.google.com/wyb-cfsp-rdq>


Dr. M. Rekha Sundari
Faculty Coordinator


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HoD, IT
Prof. P. PADMA
Head of the Department
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AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-1)" from 18th to 24th March 2021

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Certificate



This is to certify that **V ANNAPOORNA** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Intelligent Learning”** held during **18.03.2021** to **24.03.2021** organized by **Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam, Andhra Pradesh.**

Director (FDC)
AICTE, ND

Executive Secretary
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162

Program Coordinator
ANITS, Visakhapatnam

Principal
ANITS, Visakhapatnam
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162

About The Institute:
Anil Neerukonda Educational Society (ANES) has been founded by Dr.N.B.R.Prasad, an NRI Philanthropist from USA and V. Thapovardhan, an Industrialist in memory of Late Neerukonda, son of the chairman, Dr.N.B.R.Prasad. Dr.N.B.R.Prasad working with missionary zeal, selfless commitment and strong financial backing, along with his friends, planned and completed the construction of a \$6 million Sri Venkateswara Temple in Greater Chicago, IL, and this temple of higher learning, ANITS is permanently affiliated to Andhra University since 6th July 2010 and has been accredited and reaccredited by NBA in 2016 for all of its diploma under graduate courses. The college provides an ideal atmosphere for the students to learn and excel in the field of technical education.

About The Department:
 The IT Department in Anil Neerukonda Institute of Technology was established in the year of 2001 with a vision of building tomorrow's digital world through academic excellence and research by disseminating knowledge for developing a healthy society. Information technology has become a part of our everyday lives, which is a great impact on our society. This Course especially focuses on the application in various information technologies which meet industry requirements and administrative systems having portance in Globalization Communication, arise in new as it has 29 qualified teachers (Meeting the norms of AICTE) headed by Prof. P. Padmaja with 23.6 years of experience in teaching.

AICTE:
 All India Council for Technical Education (AICTE) was set up in November 1945 as a national-level apex advisory body to monitor and to promote development in the country in a planned and integrated manner. And to ensure the same, it guided the National Policy of Education (1986). AICTE is a statutory authority for planning, formulation, and maintenance of norms & standards. Quality assurance through accreditation and monitoring in priority areas, monitoring, and evaluation.

About ISTE:
 The Indian Society for Technical Education (ISTE) is a national, professional non-profit making society. ISTE was registered as a society under the Societies Registration Act 1860 at New Delhi on 21 May 1966. First Started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into ISTE in 1968 with a view to enlarge its activities to advance the cause of technological education. The main objective of ISTE is to assist and contribute in the production and development of top-quality professional engineers and technicians needed by the industries and other organizations. ISTE provides quality training programmes to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity.

Objectives of Intelligent Learning:
 1. To create awareness about the role of intelligent learning techniques in analysis of the data.
 2. To bring all the available intelligent learning techniques being applied in various areas on to one platform.

Resource Persons:
 Resource persons include Experts From
 IIT
 IIM
 IIMR
 Industry And Other Leading Academic Institutions
 For Details:
 Please check the website anits.edu.in

Registration:
 There is NO REGISTRATION FEE for the participants. Please check the following URL for Registration: <http://anits.edu.in/ISTE/ISTE2020-21>

Who can apply:
 Faculty members from Engineering Colleges of AICTE approved institutions, Research Scholars and Industry Professionals. No participation from schools from outside India is advised. Preference will be given to ISTE members and to those who are applying for ISTE membership.

Participation Certificate:
 Certificate will be issued to those participants who have attended the programme with minimum of 80% attendance and 60% score in the online test.

Important Dates:
 Duration of the Programme: 29-04-2021 to 05-05-2021
 Last Date for registration: 25/04/2021
 Intimation of selected Participants through Email: 28-04-2021

COMMITTEE:
Chief Patron:
 Mr. V.E.R. Prasad
 Chairman, ANES.

Patron:
 Sh. H. Ramaswathi Rao
 Principal, ANITS

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 Professor & HoD, Department of IT, ANITS

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 Mrs. V. Annapoorna Assistant Professor, IT, ANITS
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 Mr. A. Durga Praveen Assistant Professor, IT, ANITS
 Mr. S. Ravi Assistant Professor, IT, ANITS
 Mrs. U. Geetha Assistant Professor, IT, ANITS
 Mrs. A. Shanoushi Assistant Professor, IT, ANITS

ANITS
AICTE-ISTE INDUCTION/REFRESHING PROGRAMMES - 2020-21
 on
INTELLIGENT LEARNING (PHASE-3)
APRIL 29 TO MAY 05, 2021
 Sponsored by



Convener:
Dr. P. Padmaja
 Professor & HoD
 Department of IT
Coordinator
Dr. M. Rekha Sundari
 Associate Professor
 Department of IT

Organized by
DEPARTMENT OF INFORMATION TECHNOLOGY
 Anil Neerukonda Institute of Technology & Sciences
 Autonomous status accorded by UGC and Andhra University
 Approved by AICTE, Permanently affiliated to Andhra University
 Accredited by NBA and NAAC with "A" Grade
 Sangivalasa-531162, Bheemunipatnam (Mandla),
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 Website: anits.edu.in/

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Naga Mani <nagamani.it@anits.edu.in>

ANITS-IT Invitation for AICTE-ISTE sponsored One Week Refresher Program on Intelligent Learning Phase-3

2 messages

Mantripragada Rekha Sundari <mrekhasundari.it@anits.edu.in>
To: HOD IT <hod_it@anits.edu.in>, IT <it@anits.edu.in>

Sun, Apr 18, 2021 at 2:12 PM

Pls Ignore Previous Consider this mail.
Dear Sir/Madam,

Greetings of the Day!

We are pleased to inform you that the Department of Information Technology, ANITS is organizing AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-III)" from 29th April to 05th May 2021.

Faculty members from Engineering Colleges of AICTE approved Institutions, Research Scholars are eligible to participate

Timings:

FN Session: 09.30 AM to 12.45 AM.
AN Session: 1.30 PM to 3.00 PM

Please find the attachment of brochure .For further details regarding the session topics and speakers please check the website it.anits.edu.in

We request you to kindly circulate the brochure to all your faculty members and encourage them to participate in the Programme.

Kindly refer the following link for Online Refresher/Induction Program Registration

Registration link:

<https://forms.gle/WXpJM4rWVV6U9eu58>

Note:

- 1) No Registration Fee
- 2) Not applicable to Phase-1 and Phase-2 certified candidates
- 3) E- certificate will be issued to those participants who have attended the programme with Minimum of 80% attendance and 60% score in the online test.
- 4) Preference will be given to ISTE members.

Important Dates:

Duration of the Programme: 29-04-2021 to 05-05-2021

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Important Dates:

Duration of the Programme: 29-04-2021 to 05-05-2021

Last Date for registration: 25/04/2021

Intimation of selected Participants through Email: 26-04-2021

We look forward to your active participation.

Convenor

Dr.P.Padmaja

Professor and HoD

**Department of Information Technology,
ANITS**

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Co-Coordinator:

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Assistant Professor, IT, Anits.

Phone:+9985862268

K.Swathi Lakshmi Durga

Assistant Professor, IT, Anits.

Phone:+9959817723

With Regards,

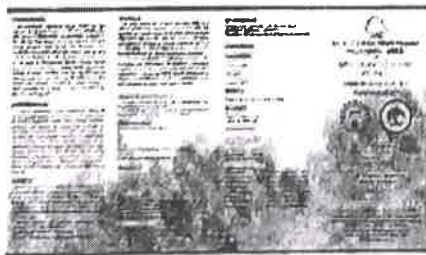
Dr.M.Rekha Sundari

Associate Professor,

Department of IT,

Anil Neerukonda Institute of Technology and Sciences,

Visakhapatnam,



**ANITS-IT Phase-3 Brochure.JPG
4431K**

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Intelligent learning April 29-May 5 PHASE-3 Refresher Program AICTE-ISTE Consolidated Participants List

Name	Designation	College Name
SHAIK SHAMA	PROFESSOR	K L UNIVERSITY
B M S SREENIVASA RAO	Assistant Professor	GMR Institute of technology
Abhisek Sethy	Assistant Professor	TECHNOLOGY,RAJAM,ANDHRA PRADESH
A.V.Ramana	AssL.Prof	GMRIT
Gaddi Anand Kumar	Assistant Professor	(autonomous)
Dr. T. Vidyavathi	Assistant Professor	Gayatri Vidya Parishad College of Engineering (A)
Dr. A.Rama Rao	professor @HOD CSE	Lendi Institute of Engineering and Technology
RAO	Assistant Professor	GMR Institute of Technology
CHEEPURUPALLI	Associate Professor	ENGINEERING (A)
Dr DBV JAGANNADHAM	Professor	ENGINEERING(A),
Mrs.Vanitha.G	Research Scholar	Higher Education for Women
Dr AshokReddy Pamulapati	Associate Professor	Lakireddy BaliReddy College of Engineering
Dr.Sasikumar Gurumoorthy	Professor	of Science and Technology
Mr KRISHNARAO PATWARI	PROFESSOR(CSE)	TECHNOLOGY, HYDERABAD
Sudhakar Kattupalli	Professor	PSCMR CET
ShreeNandhini.P	Research Scholar	higher education for women
Dr. G S Pradeep Ghantasala	Associate Professor	Chitkara University
M V B MURALI KRISHNA M	PROFESSOR	ADITYA COLLEGE OF ENGINEERING
Rahul Sharma	Assistant Professor	Chameli Devi Group of Institutions, Indore
U CHAITANYA	Assistant Professor	Mahatma Gandhi Institute of Technology
Nerella Sameera	Assistant professor	Sir CRR College of Engineering
S.Kannadhasan	Assistant Professor	Cheran College of Engineering
V Suresh	Assistant Professor	G.Pulla Reddy Engineering College(Autonomous)
UPPADA GAUTAMI	Assistant Professor	ANITS
Dr M V Bramhananda Reddy	Principal	Jogaiah Institute of Technology And Science
Prabha B	Assistant Professor	Technology
Dr. Tawseef Ayoub Shaikh	Assistant Professor	Baba Ghulam Shah Badshah University J&K
RAJKUMAR S C	TEACHING FELLOW	MADURAI
Indhumathi K	Research scholar	education
VAZRACU MUNNANGI	PROFESSOR	AND TECHNOLOGY
Umang Rastogi	Assistant Professor	KIET Educational group of Institution
A.Benazir Begum	Assistant professor	Hindusthan Institute of technology
Dr.A.Janani	Associate Professor	Technology
Dr.Y.Vijay Bhaskar Reddy	Associate Professor	ENGINEERING
B Dilip Kumar Reddy	Assistant Professor	G.Pulla Reddy Engineering College
GAJENDRASINH N. MORI	Assistant Professor	TMESICS
Swetha K B	Assistant Professor	RRIT
KATRAGADDA SHARADA	PROFESSOR	TECHNOLOGY AND SCIENCES
GULLAPALLI SATHAR	Assistant Professor	Sciences

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Dr. A Anupama	Associate Professor	ANITS
Dr. T. PANDURANGA VITAL	Associate professor	aditya institute of technology and management
VIJAY G	Assistant professor	Shanmuga Industries Arts & Science College
Dr. Juliana R	Professor	Technology
KUMAR	Assistant professor	Aditya college of engineering
SU MUTHUNAGAI	Assistant Professor	SVCE
Rajesh Reddy Muley	Assistant Professor	KKR & KSR Institute of Technology & Sciences
BOMMALA	Associate Professor	TECHNOLOGY MOINABAD HYDERABAD
GUNUPURU GAYATHRI	Asst. Professor	ANITS
Sonal Jain	Project Research scholar	ISM Dhanbad
Dr. D. HEMANAND	Assistant Professor	Sriram Engineering College
Dr P RIZWAN AHMED	Head	Mazharul Uloom College Ambur Tamil Nadu India
Dr. D Srinsha	Associate Professor	Pragati Engineering College
Dr V Prasad	Associate Professor	GMR Institute of Technology
Phani Sridhar Addepalli	Associate Professor	Aditya Engineering College(A)
T SHRAVAN KUMAR	PROFESSOR	HYDERABAD
Arun Prakash P	Assistant Professor	Sriram Engineering College
Dr Pankaj Agarkar	hod	Dr. D.Y Patil School of Engineering, Pune.
Nathwani	Associate Professor	Amity University Mumbai
Dakshita Prasad Pati	Asst professor	Trident Academy of Technology
RUPA KESAVAN	Assistant Professor	Sri Venkateswara College Of Engineering
RAMAKRISHNA REDDY K	PROFESSOR	KGREDDY college of engineering and technology
S.Poorani	Assistant professor	Sri Venkateswara College of Engineering
Sachin Bhandari	Assistant Professor	NMIMS MPSTME Shirpur
Neelima Tatipaka	Assistant professor	Svecw
DWARAPU SUNEETHA	PROFESSOR	GITAM DEEMED TO BE UNIVERSITY
Suraj Aravind Bollapragada	Assistant Professor	GITAM Institute of Technology
NAGARAJU PAMARTHI	Assistant Professor	GMRIT
Sindhu Pusarla	Assistant Professor	GIT, Gitam Deemed To Be University
Gaurav Parashar	Assistant Professor	KIET Group of Institutions
Baisani Indraj	Assistant Professor	VNRVJIET
G Surya Bharti	Assistant Professor	GITAM Institute of Technology
ch sujatha devi	junior programmer	Mahatma Gandhi Institute of Technology
Dr.Padmavathy T V	Professor	R.M.K. Engineering College
M.Sunitha Reddy	Assistant Professor	VASAVI COLLEGE OF ENGINEERING
P.MANSA DEVI	Assistant Professor	GITAM UNIVERSITY
Akula Aruna kumari	Assistant Professor	vnrvjiet
CHOWDARY	Assistant Professor	Pragati Engineering College
Nazia Tabassum	Assistant Professor	Mahatma Gandhi Institute of
Naalla Rashmitha	Assistant Professor	VNR VJIET
BHRUGUBANDA	Assistant Professor	Mahatma Gandhi Institute of Technology, JNTUH
Ramya.R	Assistant Professor	Sri Ramakrishna Engineering College
PILLI SUNEETHA	PROFESSOR	,TADEPALLIGUDEM
M SIVAKUMAR	PROFESSOR	THIAGARAJAR COLLEGE OF ENGINEERIG
Keerthi Chandrika P	Assistant professor	science
Ganeshkumar M	Assistant professor	Rajapalayam Rajus college

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Mr. RAYALA RAVI KUMAR	Assistant Professor	VNRVJIET
G Sudheer	Assistant Professor	Amalapuram
Narasimhulu Tamminana	Assistant Professor	ANITS
Shanthi Chilakala	N/A	N/A
Dr. ASHWINI RAHANGDALE	Asitiant Professor	The NorthCap University
HARIHARAN.G	Assistant professor	University college of Engineering Kanchipuram
SHAIK WASIM AKRAM	Assistant Professor	Vasireddy Venkatadri Institute of Technology
MANIKANDAKUMAR M	Assistant Professor	Thiagarajar College of Engineering, Madurai
SEKAR	Professor	ENGINEERING AND TECHNOLOGY
ANGARA SATYAM	Assistant Professor	BVC College of Engineering
VALLI	Assistant Professor	ANITS
SEERAMSETTI	RESEARCH SCHOLAR	SRI PADMAVATI MAHILA VISVAVIDYALAYAM
Hiranmayee Nandyala	Assistant Professor	Iadepalligudem
LINGAMALLU	Asst professor	TECHNOLOGY
B.Naveena Devi	Sr.Programmer	MGIT
G V Gayathri	Assistant Professor	ANITS
Siva Jyothi Barla	Assistant Professor	ANITS
Deepak Kumar Ray	Assistant Professor	college of engineering Pune
GADDE PRANITHA	Assistant professor	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES

Handwritten signature

Prof. P. PADMAJÀ
 head of the Department
 Department of IT
 ANITS VISAKHAPATNAM

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SANGIVALASA-531 162, Bheemunipatnam Mandal, Visakhapatnam District

SUMMARY REPORT

AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-III)" from 29th April to 5th May 2021

The Department of IT has organized AICTE-ISTE sponsored One Week Online Refresher/Induction Programme on "Intelligent Learning (Phase-III)" from 29th April to 5th May 2021

Day 1 Session 1 The Expert Dr. Suresh Chandra Satapathy, Professor, School of Computer Engg and Dean- Research at KIIT (Deemed to be University), Bhubaneswar, Odisha, started the session with an introduction to intelligent learning. He gave the details about definition of an Intelligent System and how it is related to Artificial Intelligence and Machine Learning and how it is designed. He also gave an insight about Data Intensive Applications and how the meaning of data changes with time. He also stated how Optimization helps in intelligent systems classification of Optimization problems. By taking small examples and problems. At the end he explained about Evolutionary computation and the Real-world problems and its types and Swarm Intelligence. He gave an insight about present ongoing research work in the field of Intelligent Systems, Machine Learning and Artificial Intelligence.

Day 1 Session 2 The Expert Dr. Koonna Ramji, Professor, Dept of Mechanical Engineering, Andhra University started the session with Introduction of National Education Policy and its Team work. He also explained about Evolution of National Education Policy, its Vision and its Fundamental Principle of the Policy etc. He also gave an Insight about Use of Technology in National Education Policy, Important features of NEP- 2019, Linways, Key Principles, Ensuring Universal Access to Education at all Levels and Implementing Agencies for NEP 2020. He also gave an insight about how the Higher Education Reforms has been proposed and salient features of NEP 2020 and Technology in Education and reduction of subjects in curriculum and its learning environment. He also stated about Revised curricular and pedagogical structure and experimental learning etc. At the end he explained about Modern Times and Research culture of National Education Policy.

Day 2 Session 1 : The Expert Dr. T. Ramakrishnu, Assistant Professor, Dept of CSE, NIT, Warangal started the session with R Language creators and current Development in R and its advantages. He also explained about downloading and installing the software of R and also explained some sample programming techniques in R using the software like Data Structures, Vector, Data Frames and Matrix, Arrays, List Data structures and Vector creation. He gave an insight about R Packages such as Installation of the packages and importing the statements like install.packages, library(rpart) the basic fundamentals etc. and also gave an explanation about List of R packages like Load, Manipulate, Visualize and model data and Histogram function by using students performance and scatter plots using plot() function, Line types, overlaying plots, Box plots etc. At the end he stated by giving an examples for plotting multidimensional data based on students performance using 2D and 3D arrows.

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Day 2 Session 2 The Expert Dr. J. Somasekhar, Professor and HOD, Dept of CSE, Gopalan College of Engineering and Management (GCEM), Bangalore started the session by giving the introduction of Traditional programming and Machine Learning and problem domains in Machine Learning using Regression. He gave explanation about Machine Learning Applications, ML Model and classification of Supervised Learning. In Supervised Learning he explained about Regression Analysis by giving an example problem and also the difference between classification and regression and classification problems. In Regression Analysis he gave explanation about Types of Regression Analysis and its applications. He also gave an example of covid-19 based on Regression Analysis using a graph. He also gave an insight about Linear Regression i.e., definition, importance of Linear Regression, Derivation of Linear Regression, Regression Model Evaluation and R-squared(coefficient of determination) based on actual value and predicted value. At the end he explained about Ridge Regression and usage of the Research Directions in Regression Analysis by showing the published journal paper on covid-19 and also have suggested Machine Learning Resources.

Day 3 Session 1 The Expert Ms Pradnyaa, Sr. Software Engineer at Kaiser Permanente, US has started the session with AI introduction and how it has brought change in our daily lives where it can be used. Specially stressed about how AI is helpful in health care

Day 3 Session 2 The expert Dr. DV Ramana is a Data Strategist-Consultant and Academic Advisor for Pallavi Engineering College started the session with the introduction of Intelligent learning, types of intelligent learning techniques, The reasons for rise of Intelligent learning applications. He explained that Digital business Platform is mainly based on the three pillars of Intelligence, Orchestration and automation Presented the implementation of intelligent learning techniques in the areas of Medical, Education, Finance, Food, hospital and business sectors. He also highlighted the concept of Decision Intelligence and how the models designed for making intelligent decisions work. The differences between traditional way of decision making and modern way of decision making are presented clearly showing the change in the size, features and types of Data. The speaker presented the Decision intelligence from a innovative point of view.

Day 4 Session 1

The expert Bhaskar Biswas, Associate Professor, Dept of CSE, IIT (BHU), Varanasi started the session with the introduction to social networks and challenges in the area of social networks. The lecture was mainly focussed on community detection, link prediction, influence maximization and viral marketing. In the area of link prediction the speaker discussed about the challenges, Explained different approaches that exist in the literature, dynamic networks, machine learning approaches that are implemented in link prediction, neural networks, Activation functions, extreme gradient boosting method, the proposed model in his research related to neural networks, the model overview and evaluation metrics

Day 4 session 2 and 3

The expert Dr. J. Arul Valan, Assistant Professor in the Dept. of CSE, NIT Nagaland, started his lecture from the roots defining why we need supervised learning and how the different relationships, patterns and associations are hidden among large amounts of data. The speaker gave introduction about machine learning types of ML techniques like association analyses, clustering, reinforcement learning, different data analytic techniques, Predictive analytics, data pre-processing techniques, outlier analyses. The speaker then started explaining in detail about predictive modelling, difference between classification and regression, model construction, Type I error and Type II error and presented different classification algorithms like KNN algorithm, Decision tree algorithm

Day 4 Session 4

The expert Dr. M. Rekha Sundari, Associate Professor, Dept of IT, ANITS, Visakhapatnam

explained about the problem of class imbalance in the classification. The lecture was started with the introduction to classification the way it is performed with simple examples. The speaker with examples also elucidated why the problem of class imbalance arouses in classification and how. The datasets that cause class imbalance problem were also highlighted. The speaker said that there are two ways to solve this problem one from data point of view another from algorithm point of view. Different methods like under sampling over sampling and SMOTE were explained from

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data centric view and techniques like deep learning and transfer learning are explained from algorithmic point of view. The speaker also has shown the example of accidental data set and how the majority and minority class lead to the problem of class imbalance.

Day 5 session 1

The expert Mr. Rohit Gupta Senior Data Scientist started the session with an introduction to Deep Learning algorithms and designed in such a way that they mimic the function of the human cerebral cortex. These algorithms are representations of deep neural networks i.e. neural networks with many hidden layers. Convolution neural networks are deep learning algorithms. Convolution Neural Network is used to generate the feature embeddings for the signature images followed by a generalized Logistic Regression model to detect forgery like blind forgery and skilled forgery detection system using image processing and Deep Convolution networks is proposed where in a deep triplet ranking network is used to calculate the image embeddings. He also explained about CNN Architecture, siamese network, deep triplet ranking CNN network, execution frame workflow.

Day 5 Session 2 and 3

The Expert Dr. Dushmanth Kumar Das, Assistant professor in the Department of Electrical and Electronics Engineering, NIT Nagaland started the session with an introduction to Applications of Artificial Intelligence and Deep Learning. He gave the details about Google suggestions, and online shopping sites, AI in NASA, AI in Medical, AI in agriculture using wireless sensors like driverless tractors and monitoring the diseases by using image analysis and irrigation systems that can be controlled to gain better agricultural output. Many other applications like AI in Home Automations, AI in mining, AI in gaming and how these applications are related to Artificial Intelligence are also explained. The speaker also presented the major challenges in AI because there is an interaction between human and machine. The speaker also addressed Deep learning Frameworks like CNTK, Caffe, MXNET, DL4J, Keras, Pytorch, and TensorFlow.

Day 6 Session 1

The expert Sister BK Madhuri started the session with Stress Management in our daily lives. She raised a query to everyone, we don't want stress in our life but how many of you want to create stress in anyone else's life? We are ready to have a little bit of stress in life. Do you think it's ok? Like whenever there is inspection how quickly many pending works completed, and whenever exams are postponed how students are able to manage whole syllabus in just one week. She said we do invite stress in our life and she also discussed about the way to manage stress so that it doesn't cause any harm to our health and mind. The speaker stated that we need to thank to god for good people in our lives. She also said that we also need to thank god for sending challenging persons in our life? She also suggested the audience to overcome emotional dependency because people are not always with us so we need to become emotionally independent by changing our behaviours. She finally suggested that, spirituality says give some knowledge to the soul everyday and to become emotionally developed. Make it a point every day morning to meditate for 15 to 30 min and to listen some spiritual knowledge.

Day 6 Session 2

The Expert Dr. A. Anupama, Associate Professor, Dept of IT, ANITS, Visakhapatnam started the session with Recommender Systems (RSs) are software tools and techniques that provide suggestions for items that are most likely of interest to a particular user. The suggestions relate to various decision-making processes, such as what items to buy, what music to listen to, or what online news to read. "Item" is the general term used to denote what the system recommends to users. An RS normally focuses on a specific type of item (e.g., CDs or news) and, accordingly its design, its graphical user interface, and the core recommendation technique used to generate the recommendations are all customized to provide useful and effective suggestions for that specific type of item. RSs are primarily directed toward individuals who lack the sufficient personal experience or competence in order to evaluate the potentially overwhelming number of alternative items that a website, for example, may offer. A prime example is a book recommender system that assists users in selecting a book to read. On the popular website, Amazon.com, the site

employs an RS to personalize the online store for each customer. Since recommendations are usually personalized, different users or user groups benefit from diverse, tailored suggestions. In addition, there are also non-personalized recommendations. These are much simpler to generate and are normally featured in magazines or newspapers.


The total number of participants are 100 from various colleges like GMR Institute of Technology, Mahatma Gandhi Institute of Technology, Aditya College of Engineering etc.


Day-1	Video call link: https://meet.google.com/fxp-ekqd-pjb
Day-2	Video call link: https://meet.google.com/khy-epws-qgr
Day-3	Video call link: https://meet.google.com/eat-zhix-edv
Day-4	Video call link: https://meet.google.com/bhy-ecdg-snn
Day-5	Video call link: https://meet.google.com/zgk-adaa-tix
Day-6	Video call link: https://meet.google.com/jca-huvq-tkc

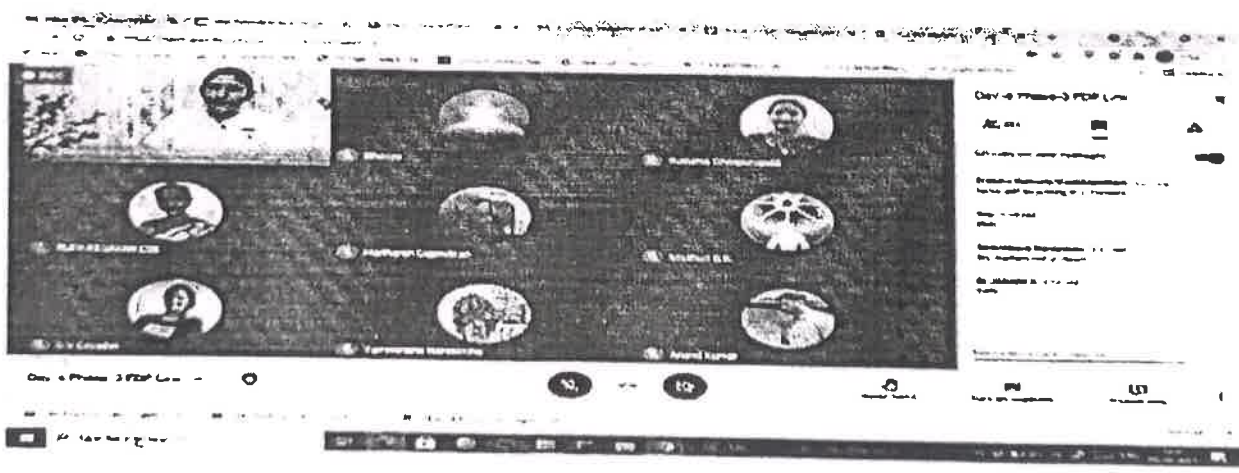
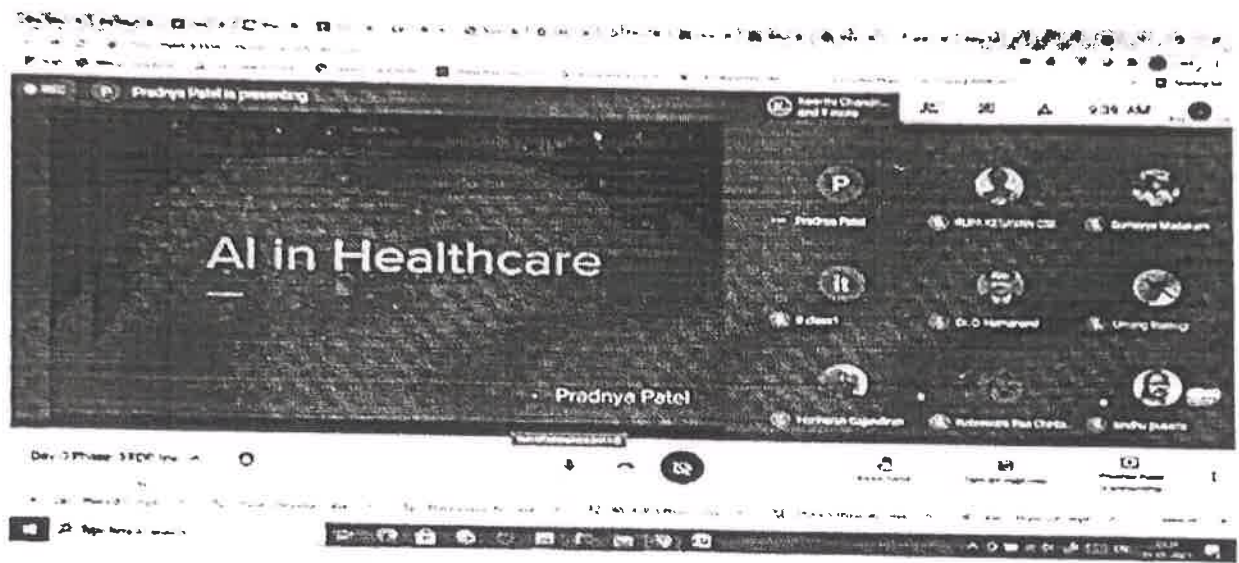

Dr M.Rekha Sundari

Faculty Coordinator


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Head of the Department
Department of IT
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The Department of IT has organized AICTE-ISTE sponsored One Week Online Refresher/Induction Programme "Intelligent Learning (Phase-III)" from 29th April to 5th May 2021

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 Prof. R. Ramesh
 Head of the Department of
 Department of IT
 AICTE V. No. 18 2019/20



Certificate



This is to certify that **DR.A.ANUPAMA** has successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on **“Intelligent Learning”** held during **27.04.2021** to **03.05.2021** organized by **Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam, Andhra Pradesh.**

Director (FDC)
AICTE, ND

Convener, IISTE
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Program Coordinator
ANITS, Visakhapatnam

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MECHANICAL ENGINEERING DEPARTMENT

DL: 10/02/2021

To
 The Principal,
 ANITS.

Sir,

Sub: Permission for Organizing a Professional Development Program for Technical Staff - Reg.

We have recently procured a Spot Welding Machine for conducting additional experiments on Welding process. In this context, we are planning to organize a training program for the technicians of our department for enlightening them on the installation, working and applications of Spot Welding Machine. The program will be held on 13th February, 2021 based on your consent.

Hence, we request you to kindly approve our proposal.

Uppd

THRU

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R. Srinanth
Convener, IQAC
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10.22
 HOD,
 Mechanical Engineering

PROFESSOR & HEAD
 Department of Mechanical Engineering
 ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
 Sangivalasa-531 162

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MECHANICAL ENGINEERING DEPARTMENT

DI: 16/02/2021

Report

"A One-day Professional Development Program on Installation, Working and Applications of Spot Welding Machine"

A program was conducted for the lab technicians to teach them about different welding procedures available commercially. The program was also intended to train them on the installation of Spot Welding Machine procured by the department recently. The resource person for this program was Dr.M.Prasanth Kumar, a faculty of Mechanical Engineering with experience in teaching subjects of Manufacturing Sciences.

The program was initiated with a briefing on the different welding procedures, their applications and characteristics of weld zones in each area of welding. This session was followed by the installation of newly procured Spot Welding Machine as per the instructions manual. The electrical wiring, fixing of electrodes and other accessories was accomplished by the technicians successfully under the stewardship and guidance of the resource person. The program ended with hands-on training in welding thin GI sheets using the Spot Welding Machine.

Resource Person: Dr.M.Prasanth Kumar

No. of Participants: 10

Date: 13th February 2021

Timings: Session I - 9:00 AM to 11:30 AM

Session II - 1:00 PM to 3:00 PM

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Department Sangivalasa-531 162
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DEPARTMENT OF MECHANICAL ENGINEERING

"A One-day Professional Development Program on Installation, Working
and Applications of Spot Welding Machine"

S.No.	Name of the Technician	Signatures
		13 th February 2021
1	M.Raja	
2	Ch.Lokeswara Rao	
3	B.R.S.Rayalu	B.R.S. Rayalu
4	P.Srinivasa Rao	P. Srinivasa Rao
5	B.Rama Rao	B. Ramana Rao
6	L.Sreenivasa Rao	
7	N Appanna	N. Appanna
8	A.V.Bhaskar Rao	
9	D.Sreenu	
10	M.Appala Swamy	M. Appala Swamy

Resource Person:

1. Dr.M Prasanth Kumar
Asst. Professor, Dept of Mechanical Engineering, ANITS

13/2/21

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Principal
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PROFESSOR & HEAD
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MECHANICAL ENGINEERING DEPARTMENT

"A One-day Professional Development Program on Installation, Working and Applications of Spot Welding Machine"



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 Long 83.425539°
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 HOD,
 Mechanical Engineering
 16.2.21



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(AY: 2019-2020)

CIRCULAR

The Department of ECE is glad to inform you that we are going to organize an online "A Five Day Online National Level Faculty Development Program On "Opportunities and Challenges in Next-Generation Semiconductor Devices" during 16th to 20th June 2020. Interested faculty can register using the following registration link. And we request you all to circulate the brochure among your academic/industry collaborators.

Link for registration: <https://forms.gle/zE2cazvEcdSRZjkn7>

Coordinators:

1. Dr.P.Murugapandiyam

Associate Professor/ECE,
ANITS.

2. Mr.N.Ramkumar,
Assistant Professor/ECE,
ANITS.

Dr.V.Rajyalakshmi,
Prof and Head/ECE,
ANITS.

Head of the Department
Department of ECE
Anil Neerukonda Institute of Technology & Sciences
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Attachment:

FDP brochure

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ORGANIZING COMMITTEE

Chief Patron:

Dr. Neerukonda B.R. Prasad, Chairman, ANES

Chairman:

Prof. T. V. Hanumantha Rao, Principal, ANITS

Convener:

Dr. V. Rajya Lakshmi, Professor & Head, ECE

Coordinators:

Dr. P. Murugapandiyam, Assoc. Professor, ECE

Mr. N. Ramkumar, Asst. Professor, ECE

Advisory Committee:

Prof. K. S. Ranga Rao

Prof. G. Manmadha Rao

Organizing Committee:

Faculty members of E.C.E.

ABOUT ANITS

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (ANITS) was founded by Dr. N. B. R. Prasad, an NRI Philanthropist from USA and Sri V. Thapovardhan, an industrialist, in memory of Late Anil Neerukonda, son of the Chairman Dr. N. B. R. Prasad. Its humble journey started in 2001 with an intake of 220 students into four undergraduate B.Tech programs. Within 14 years of its establishment, the institute has registered phenomenal growth and has been accredited by NAAC with 'A' and by NBA for the third time. It has been accorded the status of "Centre for Research" for guiding PhD scholars and permanently affiliated to Andhra University. It has achieved autonomous status in 2015. Further, the institute has been currently ranked as 4th among the private engineering colleges in A.P by APSCHE. It has also been recognized as "Centre for Excellence" by Infosys.

Today, the institute offers seven B. Tech programme and four M. Tech programme with an annual total intake of about 1100 students. The institute offers amenities like separate hostels for boys and girls, indoor and outdoor games, transport A/C Buses covering all the major locations of Visakhapatnam and medical aid provided by Anil Neerukonda hospital and NRI Institute of Medical Sciences, another educational institution of ANES.

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ABOUT THE DEPARTMENT OF ECE

The Department of Electronics and Communication Engineering, established during the academic year 2001-02 with UG program, had an initial intake of 60 and the intake was increased to 180 in the year 2014. M.Tech programme (PG) in Communication Systems with an intake of 18 commenced from 2011-2012. The UG program has been accredited twice by NBA. The department has national and international affiliations with professional bodies like IETE, IEEE, etc. The department has highly qualified and experienced faculty with specializations in Wireless & Mobile Communications, Signal Processing, Radar & Microwave Engineering, EMI/ EMC, Antennas, Microelectronics & VLSI Design, Image Processing & Computer Vision, Electronic Instrumentation, Digital Electronics, Embedded systems. The department has good infrastructural facilities and has nine full-fledged laboratories equipped with adequate hardware and software. The department has successfully completed one Research Promotion Scheme (RPS) project funded by AICTE. The faculty members are actively involved in research and are publishing papers in reputed international conferences/ journals.

OBJECTIVE AND SCOPE

- The main objective of this program is to provide an exposure of advanced semiconductor devices for next generation electronics.
- The scope of this online Faculty development program covers the whole value chain of silicon devices, technology and heterostructure devices i.e from material & equipment to device makers and power devices as well as creation of their production.

REGISTRATION

Who can attend?

Faculty of various Universities/ Institutes Professionals from Industry, Scientists and Engineers from R&D organizations and M.Tech/PhD students can apply. The participants can register through online.

*****No Registration Fees*****

Link for registration: <https://forms.gle/zE2eazvFedSRZjkn7>

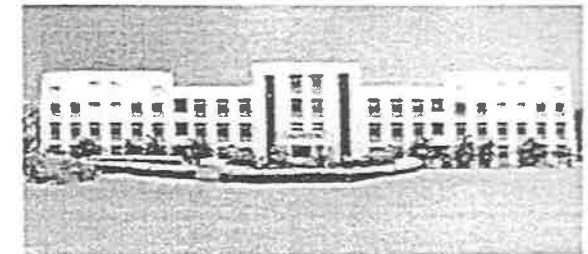
A Five Day Online National Level Faculty
Development Program

On

"Opportunities and Challenges in
Next-Generation Semiconductor
Devices"



16th to 20th June 2020



Organized by
Department of Electronics & Communication
Engineering

ANIL NEERUKONDA

INSTITUTE OF TECHNOLOGY AND SCIENCES (A)

Approved by AICTE, Permanently affiliated to AU, Accredited by NBA
and Accredited by NAAC with "A" Grade)

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(AY: 2019-2020)**

PROGRAM SCHEDULE

Date & Day	Time	Topic	Resource Person
16 th June 2020	5:00 PM – 6:00 PM	Recent trends in semiconductor devices and future perspectives.	Dr. Kumar Prasannajit Pradhan
17 th June 2020	5:00 PM – 6:00 PM	Solid-State transistors for terahertz applications.	Dr. Ajayan John
18 th June 2020	5:00 PM – 6:30 PM	Advanced III-Nitride high electron mobility transistors (HEMTs) for 5G and beyond; Introduction to TCAD simulation of III-N-based heterostructure devices.	Dr. P.Murugapandiyan
19 th June 2020	5:00 PM – 6:00 PM	Vertical GaN power MOSFETs for next-generation high power semiconductor applications.	Dr. V.N.Ramakrishnan
20 th June 2020	5:00 PM – 6:00 PM	Design and development of AlGaIn/GaN HEMTs for Biosensing applications.	Dr. Arathy Varghese

Coordinators:

1. Dr.P.Murugapandiyan *P.M.P*
Associate Professor/ECE,
ANITS.
2. Mr.N.Ramkumar, *N.R.K*
Assistant Professor/ECE,
ANITS.

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Convener

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(AY: 2019-2020)

Report of the Faculty Development Programme

A Five Day National Level Online Faculty Development Program on “**Opportunities and Challenges in Next-Generation Semiconductor Devices**” from 16th to 20th June 2020 organized by Department of Electronics & Communication Engineering, ANITS for the M.Tech/PhD students and faculties from various colleges across the country. The main objective of this program is to provide an exposure of advanced semiconductor devices for next generation electronics. The scope of this online Faculty development program covers the whole value chain of silicon devices, technology and heterostructure devices i.e from material & equipment to device makers and power devices as well as creation of their production. There are 523 participants from various institutions from India attended this FDP. The FDP was started on 16th June 2020 with the welcome address by Prof. Dr. V. Rajalakshmi, HOD/ECE, ANITS.

The Day-1 technical session was on the topic Recent trends in semiconductor devices and future perspectives and the guest speaker was Dr. Kumar Prasannajit Pradhan, Assistant Professor, Department of Electronics and communication Engineering, IIITDM, Kancheepuram, India. The lecture was very beneficial and provided an insight on the MOSFET and FinFET devices for low power applications. Dr. Kumar Prasannajit Pradhan was explained various open-source software's for device simulation.

On second day technical session 2 was organized. The guest speaker was Dr. Ajayan John, Chair, IEEE Electron Device Society, Coimbatore Chapter, India. Associate Professor, Department of ECE, SNS College of Technology, India. Dr. Ajayan John discussed about recent trends in solid state transistors for terahertz applications and given overview about the InP/GaAs based high electron mobility transistors.

The Day-3 technical session was on Advanced III-Nitride high electron mobility transistors (HEMTs) for 5G and beyond; Introduction to TCAD simulation of III-N-based heterostructure devices, Dr. P. Murugapandiyan, Associate Professor, Department of ECE, Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam, India. Dr. P. Murugapandiyan had given an insightful information about Advanced III-Nitride high electron mobility transistors (HEMTs) for 5G and beyond. And also, he had given a demo on TCAD simulation of III-N-based heterostructure devices.

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On fourth day technical session 4 was addressed by Dr. V.N. Ramakrishnan, Associate Professor, Department of Micro & Nanoelectronics, School of Electronics Engineering, VIT-Vellore-India. Dr. V.N. Ramakrishnan enlightened the participants about vertical GaN Power MOSFETs for Vertical GaN power MOSFETs for next-generation high power semiconductor applications and he explained various vertical GaN MOSFETs structures and their merits and demerits for high power applications.

On the fifth day, the technical session 5 was addressed by Dr. Arathy Varghese, Post.Doc. Researcher, Department of Electrical Engineering, IIT-Bombay, India. Dr. Arathy Varghese enlightened the participants on Design and development of AlGaIn/GaN HEMTs for Biosensing applications. Dr. Arathy Varghese explained the fabrication challenges in GaN-based HEMTs for sensor applications.

Coordinators:

1. Dr.P.Murugapandyan 

Associate Professor/ECE,

ANITS.

2. Mr.N.Ramkumar, 
Assistant Professor/ECE,
ANITS.


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Convener

Dr.V.Rajyalakshmi,

Prof and Head/ECE,

ANITS.

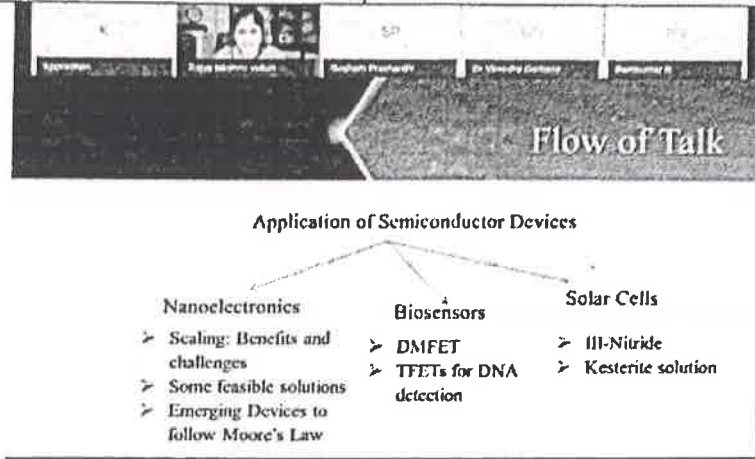
Head of the Department
Department of ECE
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Day 1:16th June 2020

Recent trends in semiconductor devices and future perspectives.

Dr. Kumar Prasannajit Pradhan

Dr. Kumar Prasannajit Pradhan, explain the presentation flow.Dr. Kumar Prasannajit Pradhan, interacting with the participants during Q&A session

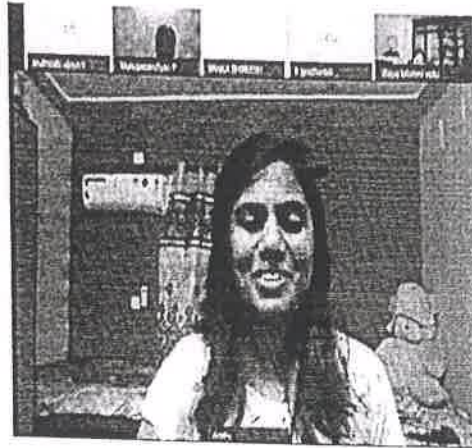
Dr. Kumar Prasannajit Pradhan, enlightened the participants with recent trends in Nano-scale Field effect transistors for ultra-low power applications. The introduction and advancement of strain engineering has been one of the most critical features for the state-of-the-art nanoscale CMOS transistors. This session provides an overview of the major strain engineering techniques that have remarkably re-shaped the advanced CMOS transistor architecture, including embedded SiGe (eSiGe), embedded Si:C (eSi:C), stress memorization technique (SMT), dual stress liners (DSL), and stress proximity technique (SPT). The advent of high-K/metal-gate (HKMG) also brings in additional strain benefit with its metal gate stressor (MGS) and will remain to be one of the key performance enablers for the future generation of CMOS technologies.

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Day 5: 20th June 2020

Design and development of AlGaN/GaN HEMTs for Biosensing applications.	Dr. Arathy Varghese
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Dr. Arathy Varghese, giving an introduction to Bio sensors

2. Ohmic source/drain deposition

- Piranha cleaning and Acetone/IPA cleaning done for mask and substrate.
- The cleaned samples were then PR (AZ214E) coated, aligned, exposed and developed (developer: MF26A) using MIB4.

- Dektak profiling had been used for analyzing and ensuring the thickness of the deposited metal contact. The combined thickness of the metal stack deposited was 197nm.

Dr. Arathy Varghese, explaining the fabrication process in GaN-HEMT

Dr. Arathy Varghese, discussed about the recent research progresses in GaN-HEMTs for bio-sensors applications. HEMT technology is being used for development of biosensors. Many floating gate HEMT-based biosensors have been experimentally developed but little work has been reported on modeling of MOSHEMT-based biosensors. Therefore, in this presentation an analytical model of AlGaN/GaN MOSHEMT-based biosensor has been explained for the biomolecule species, such as protein, streptavidin, ChOx, and uricase by using a dielectric modulation approach.

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Arathy Varghese
 Principal
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 Visakhapatnam Dist.

ATTENDANCE SHEET

S.No	Name of the Participants	16 th June 2020	17 th June 2020	18 th June 2020	19 th June 2020	20 th June 2020
1.	SARANYA L	P	P	P	A	P
2.	KAZI NIKHAT PARVIN	P	P	P	P	P
3.	ROOPA KOTHAPALLI	P	P	P	P	P
4.	S.SIVAKUMAR / AP(SG)	P	P	P	P	P
5.	SHAIK MAHABOOB SUBAHAN	P	P	P	P	P
6.	VIJAYALAKSHMI P	P	P	P	P	P
7.	UTHAYASURIYAN K	P	P	P	P	P
8.	Mr.S.KIRUBAKARAN	P	P	P	P	P
9.	ANSHUMAN PAUL	P	P	P	P	P
10.	Mr.N.P. VIJAYA BHASKAR REDDY	P	P	P	P	P
11.	GONUGUNTA RAJ KUMAR & Assistant Professor	P	P	P	P	P
12.	Mr. K KISHORE KUMAR	P	P	P	P	P
13.	RADHIKA RAVIKRINDI	P	P	P	P	P
14.	CHANDIRAN R & Assistant professor	P	P	P	P	P
15.	Dr.V.SHANMUGASUNDARAM	P	P	P	P	P
16.	Mrs.NUVVULA NAGA NAVYA SPANDANA	P	P	P	P	P
17.	GANGA RAMESH JAKKAMSETTI , ASSOCIATE PROFESSOR	P	P	P	P	P
18.	Mr. SABAREESHWARAN M	P	P	P	P	P
19.	Mr. KANNARAO SHATARASI	P	P	P	P	P
20.	Mr. SAMPATH A, ASSISTANT PROFESSOR	P	A	P	A	P
21.	BOILLA MALAKONDA REDDY	P	P	P	P	P
22.	SRINIVASA RAO REDDI	P	P	P	P	P
23.	Mr.G.BOOPATHI RAJA	P	P	P	P	P
24.	Roger Rozario A P	P	P	P	P	P
25.	ABHISHEK KUMAR GUPTA	P	P	P	P	P
26.	Ms. Madhuri M. Sonkhaskar Asst.professor	P	P	P	P	P
27.	TANUSREE SAHANA	P	P	P	P	P
28.	IRUVANTI RAJASHEKAR	P	P	P	P	P
29.	Dr.BALAMURUGAN P	P	P	P	P	P
30.	MR. DHARMENDRA KUMAR	P	P	P	P	P
31.	SHIVASHEKHARAYYA VIRAKTAMATH	P	P	P	P	P
32.	Nayana G H	P	P	P	P	P
33.	RAHUL NIGAM	P	P	P	P	P
34.	Vijay Kumar	P	P	P	P	P
35.	Dr. P. SARAVANAN & Professor and Head	P	P	P	P	P
36.	M.KUMAR, ASSISTANT PROFESSOR	P	P	P	P	P
37.	Physics S V, HOD	P	P	P	P	P
38.	Mrs.S.GOMATHY, ASSISTANT PROFESSOR	P	P	P	P	P
39.	Mr. PULIDINDI VENKATA RATNAM, Associate Professor	P	P	P	P	P
40.	Mrs.S.KAVEYA	P	P	P	P	P
41.	Dr Syed Inthiyaz	P	P	P	P	P
42.	Ms.M.POORNIMA, Assistant Professor	P	P	P	P	P

R. Seetha H.
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43.	KHAN SADIQUE ABUUL HAMID	P	P	P	P	P
44.	Dr. SENJUDARYANNAN R	P	P	P	P	P
45.	Mr. BANDAM NARENDAR	P	P	P	P	P
46.	Dr. N. VINODHUKUMAR	P	P	P	P	P
47.	GOPALAREDDY P & ASSISTANT PROFESSOR	P	P	P	P	P
48.	SAGAR SADASHIV SURE Lecturer	P	P	P	P	P
49.	NAVEEN KUMAR YERRA	P	A	P	P	P
50.	MR. MEHABOOB MUJAWAR / ASSISTANT PROFESSOR	P	P	P	P	P
51.	MADHU BINDU S	P	P	P	P	P
52.	Eppili Jaya	P	P	P	P	P
53.	Dr. Sheela Sobana Rani	P	P	P	P	P
54.	Mr A JAWAHAR, RESEARCH SCHOLAR	P	P	P	P	P
55.	Prof. YESHUDAS ANTHONYDAS MUTTU	P	P	P	P	P
56.	Mr ATUL KUMAR KUSHWAHA	P	P	P	P	P
57.	Mr. KARNATI NARENDRA REDDY & Assistant Professor	P	P	P	P	P
58.	Y.VENKATA SIVA KRISHNA	P	P	P	P	P
59.	Diksha Jha	P	P	P	P	P
60.	Ms.KHUSHBOO PATEL	P	P	P	P	P
61.	LAKKOJU BHARANI	P	P	P	P	P
62.	Dr.V.VIJAYAKUMAR	P	P	P	P	P
63.	MR. SELVYN CUSTODIO FERNANDES	P	P	P	P	P
64.	Dr.Sangeeta Mishra	P	P	P	P	P
65.	MR.KOTTU VEERANNABABU, & ASSISTANT PROFESSOR	P	P	P	P	P
66.	Gopala krishna VB	P	P	P	P	P
67.	RADHA LAVU, ASSISTANT PROFESSOR	P	P	P	P	P
68.	PIYUSH MAHAJAN	P	A	P	P	P
69.	Mr. IKKURTHI RAMA KOTESWARA RAO & ASSISTANT PROFESSOR	P	P	P	P	P
70.	Dr Vineeta Manohar Arole	P	P	P	P	P
71.	DHARMACHARI NADAKUDURU	P	P	P	P	P
72.	Mr.NARENDER MALISHETTY, Assistant Professor	P	P	P	P	P
73.	Mr. SAGAR KRISHNA S & ASSISTANT PROFESSOR	P	P	P	P	P
74.	Mr.Poornachandran R & Research Scholar	P	P	P	P	P
75.	M RAVI KUMAR	P	P	P	P	P
76.	Mrs. VASIREDDY DIVYABHARATHI	P	P	P	P	P
77.	GIRISH DOMBAR	P	P	P	P	P
78.	Mr. ATTADA RUTWIK Assistant Professor	P	P	P	P	P
79.	Mrs.S.PREETHI, Assistant Professor	P	P	P	P	P
80.	Dr. T. K. SETHURAMALINGAM, Associate Professor	P	P	P	P	P
81.	NAGAMUNEESWARAN S (Assistant Professor)	P	P	P	P	P
82.	VINODHINI N & Assistant professor	P	P	P	P	P
83.	Dr.L.ARUNRAJA, Assistant Professor	P	P	P	P	P
84.	MADDIBOYANA THIRUMALESU	P	P	P	P	P
85.	Mr.S.KANNADHASAN	P	P	P	P	P

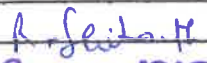
86.	Balamurugan Kaliappan	P	A	P	P	P
87.	Mrs. D. SHARMILADEVI Assistant Professor	P	P	P	P	P
88.	M SIVALINGAMAIAH	P	P	P	P	P
89.	Dr. G.VENKAT BABU , ASSISTANT PROFESSOR	P	P	P	P	P
90.	Dr.YARLAGADDA SYAMALA, ASSOCIATE PROFESSOR	P	P	P	P	P
91.	RAKSHA SINGH ASSISTANT PROFESSOR DEPARTMENT OF POLITICAL SCIENCE	P	P	P	P	P
92.	VASANTHPRAKASH M, ASSISTANT PROFESSOR	P	P	P	P	P
93.	Ms. GAYATHRI A G, MTech student	P	P	P	P	P
94.	Dr. PRASANNA G D	P	P	P	P	P
95.	Mr. M. SATHISHKUMAR, AP/ECE	P	P	P	P	P
96.	Ms.RENITA PINTO, ASSISTANT PROFESSOR	P	P	P	P	P
97.	Dr Ankam Raghavendra Rao , Associate Professor	P	P	P	P	P
98.	Mrs JAYALAKSHMI N, LECTURER	P	P	P	P	P
99.	Dr.P.PUGAZHENDIRAN	P	P	P	P	P
100.	Mrs.K.SOJANYA, Associate Professor	P	P	P	P	P
101.	Dr. S. SURESH KUMAR, Instrumentation Engineer	P	P	P	P	P
102.	MS.NAGARATHINAM S, ASSISTANT PROFESSOR	P	P	P	P	P
103.	K SRILAKSHMI, ASSISTANT Professor	P	P	P	P	P
104.	Mr. SAMMETA RAJENDRA KUMAR, Associate professor	P	P	P	P	P
105.	Mrs A.SHAMIM BANU	P	P	P	P	P
106.	DARWIN S	P	P	P	P	P
107.	Pooja Rani. M & Student	P	P	P	P	P
108.	Dr.RAJESH B LOHANI PROFESSOR	P	P	P	P	P
109.	Dr.K.M.PRABUSANKARLAL	P	P	P	P	P
110.	Dr. Kollu. Ashok	P	P	P	P	P
111.	Assistant Professor	P	P	P	P	P
112.	KORUMILLI.DEVIPRIYA & TEACHING ASSISTANT	P	P	P	P	P
113.	G.R.Padmini, Associate Professor	P	P	P	P	P
114.	Mr. RAJENDER UDUTHA	P	P	P	P	P
115.	Mr. NAGARAJU NEELA	P	P	P	P	P
116.	Mrs SESHAM PRASHANTHI, Assistant Professor	P	P	P	P	P
117.	Dr. Tamilarasan N	P	P	P	P	P
118.	BUDHI REDDY SATISH KUMAR	P	P	P	P	P
119.	Dr.C. Priya	P	P	P	P	P
120.	SRILAKSHMI RAVALI M	P	P	P	P	P
121.	Murali Muniraj	P	P	P	P	P
122.	PRAKASH M & ASSISTANT PROFESSOR	P	P	P	P	P
123.	Dr.MANIKANDAN J	P	P	P	P	P
124.	Dr.JAWAHAR P K, Professor	P	P	P	P	P
125.	P.P.M.PRASAD&ASSISTANT PROFESSOR	P	P	P	P	P
126.	RAMESH A	P	P	P	P	P
127.	Mr Kishore Balasubramanian	P	P	P	P	P
128.	Ms.SIRIYALA TRILOCHANA	P	P	P	P	P

129.	Mr.G.SATHISH KUMAR & Assistant Professor	P	P	P	P	P
130.	LATHA B	P	P	P	P	P
131.	Dr.B.VIDAYALAKSHMI, Professor	P	P	P	P	P
132.	SWATI VERMA	P	P	P	P	P
133.	Mr KAZI NAFEEES AHMED MUSHIRODDIN	P	P	A	P	P
134.	Mr. RAMAGIRI KIRAN	P	P	P	P	P
135.	Dr.Y.R.ANNIE BESSANT, ASSISTANT PROFESSOR	P	P	P	P	P
136.	Dr. SURESH KUMAR PITTALA	P	P	P	P	P
137.	Mr.C.SHANMUGA RAJA& Assistant Professor	P	P	A	P	P
138.	P. Nandhini, M.Sc - Chemistry	P	P	P	P	P
139.	Mr. DHUPAM ARUN KUMAR	P	P	P	P	P
140.	M KALPANA , ASSOCIATE PROFESSOR	P	P	P	P	P
141.	P.KAMALAKKANNAN	P	P	P	P	P
142.	Ms S Deepika Assistant Professor	P	P	P	P	P
143.	GUBBALA KISHORE BABU, Assistant professor	P	P	A	P	P
144.	Mr. ANUJ KUMAR MAURYA	P	P	P	P	P
145.	Dr. N.Y. SUGIRTHA SUNI, ASSISTANT PROFESSOR	P	P	P	P	A
146.	B.VIJAYABHASKAR & Assistant professor	P	P	A	P	P
147.	EMLYN GLORIA PONRANI C	P	P	P	P	P
148.	Dr. V. SUVITHA & Assistant Professor	P	P	P	P	P
149.	DIVYA MOKARA	P	P	P	P	P
150.	Ms. ANNU THOMAS, Mtech VLSI DESIGN student	P	P	P	P	A
151.	Lakshmi Sudha	P	P	P	P	P
152.	Mrs. S. CAROLINE , Assistant Professor	P	P	P	P	P
153.	Mr. MUDAM KUMARA SWAMY ASSISTANT PROFESSOR OF CHEMISTRY	P	P	P	P	P
154.	RAKESH M , STUDENT	P	P	P	P	P
155.	ALUGONDA RAJANI, ASSISTANT PROFESSOR,ECE DEPARTMENT	P	A	P	P	P
156.	CHINTHAGADA NAVEEN KUMAR	P	P	P	P	P
157.	Mrs VANKA SHIREESHA	P	P	P	P	P
158.	Ravi Tiwari	P	A	P	P	P
159.	Dr.V.VANATHI,Assoc.Professor	P	P	P	P	P
160.	CATHERINA MARY J	P	P	P	P	P
161.	Mr. CHETAN R, Asst. Professor (Sr.)	P	P	P	P	P
162.	RAJKUMAR P KAGE	P	P	P	A	P
163.	DASARI DIVYA	P	P	P	P	P
164.	Ms. A. MARGARET CLEMENCIA	P	P	P	P	P
165.	Mr.Teja Sirapu	P	P	P	P	P
166.	S Edwin Lawrence	P	P	P	P	P
167.	BADUGU SANGEETH KUMAR	P	P	P	P	P
168.	KODIGUDLA DEEPTHI & GUEST LECTURE	P	P	P	P	P
169.	Mrs. G. SOORYA PRIYA	P	P	P	P	P
170.	Kotha Satya Venkata Madhav	P	P	P	P	P
171.	SANGULA VARA SATISH, Asst. Professor	P	P	P	P	P
172.	ARVIND KUMAR MAURYA	P	P	P	P	P

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173.	Mr. G. Umamaheshwaran, Assistant Professor	P	P	P	P	P
174.	Mr.SOMASUNDARAM P ,LECTURER	P	P	P	P	P
175.	Mrs. SNEHAL BHOGAN	P	P	P	P	P
176.	J Stella Mary	P	P	P	P	P
177.	Dr. G Manmadha Rao	P	P	P	P	P
178.	S.ASOKKUMAR	P	P	P	P	P
179.	Dr.A.Rajendran	P	P	P	P	P
180.	Ms Rajana Lahari	P	P	P	P	P
181.	T.PRASANNA	P	P	P	P	P
182.	V Subrahmanyam Grandhi	P	P	P	P	P
183.	Priyank Sharma	P	P	P	P	P
184.	Mrs. VIJAYALAKSHMI. P	P	P	P	P	P
185.	V VINODHINI	P	P	P	P	A
186.	DR. S. SABARINATHAN & ASSISTANT PROFESSOR	P	P	P	P	P
187.	Mrs K.KANTHI KINNERA , Associate Professor	P	P	P	P	P
188.	Assistant Professor	P	P	P	P	P
189.	GANGA SAROJANI GUDE	P	P	P	P	P
190.	Mrs. SHANTHA S	A	P	P	P	P
191.	MADHU KUMAR VANTERU	P	P	P	P	P
192.	P.Devi Pradeep	P	P	P	P	P
193.	Dr.S.Syed Ameer Abbas, Professor	P	P	P	P	P
194.	HARIKRISHNA VANA	P	P	P	P	P
195.	Dr.J.AVILA, Senior Assistant Professor	P	P	P	P	P
196.	Kedar B Sawant, assistant professor	P	P	P	P	P
197.	Ms. SHRUTHI V. ADPAIKAR	P	P	P	P	P
198.	Dr. C. SAGI RANI	P	P	P	P	P
199.	Ms. RAJNI CHOUDHARY	P	P	P	P	P
200.	Dr. Md. Tanvir Hasan	P	P	P	P	P
201.	ASST. PROF.SANTUSHTI BETGERI	P	P	P	P	P
202.	MS. PADMA PRIYA J	P	P	P	P	P
203.	Mr.ARUL MURUGAN, AP/ETE	P	P	P	P	P
204.	V.SOMASUNDARAM	P	P	P	P	P
205.	VIVEK ANAND. I	P	P	P	P	P
206.	Harendra Kumar Yadav	P	P	P	P	P
207.	Dr. MILINDKUMAR SURESH SONAWANE, ASSISTANT PROFESSOR	A	P	P	P	P
208.	NALAM P U V S N PAVAN KUMAR & ASSISTANT PROFESSOR	P	P	P	P	A
209.	Mr. MOHAMMED ZAKIR HUSSAIN	P	P	P	P	P
210.	JAYADEVAN N M	P	P	P	P	P
211.	R BALAKRISHNAN	P	P	P	P	P
212.	Mr.BHANU GUPTA GUDLA	P	P	P	P	P
213.	NANCHARAI AH VEJENDLA	P	P	P	P	P
214.	Lenin SB	P	P	P	P	P
215.	Praveen vaddiboina	P	P	P	P	P
216.	Mrs.T L SPANDANA & ASSISTANT PROFESSOR	P	P	P	P	P


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217.	MR. ANUJ KUMAR MAURYA	P	P	P	P	P
218.	Dr. P. JAGATHEESWARI, Professor	P	P	P	P	P
219.	Mrs. M.JAMUNA RANI AP (Sr.G)/ECE	P	P	P	P	P
220.	Dr Virendra Gomase	P	P	P	P	P
221.	M.MALATHI	P	P	P	P	P
222.	P Anantha Sravanthi	P	P	P	P	P
223.	Mr.B.REUBEN, ASSISTANT PROFESSOR	P	P	P	P	P
224.	MRS. DADI MONICA SATYAVATHI -ASSISTANT PROFESSOR	P	P	P	P	P
225.	Nora Naik	P	P	P	P	P
226.	Mr. JOHN COLACO, ASSISTANT PROFESSOR	P	P	P	P	P
227.	SUNKARA VENKATA SAI PRASAD	P	P	P	P	P
228.	Mrs.C.Sheeja Herobin Rani	P	P	P	P	P
229.	Dr. T.YUVARAJ	P	P	P	P	P
230.	Mrs.K. VASANTHA	P	P	P	P	P
231.	BALA KRISHNA KONDA , ASSISTANT PROFESSOR	P	P	P	P	P
232.	KRISHNA KUMAR SEN	P	P	P	P	P
233.	Pavan kumar MICHERLA , student	P	P	P	P	P
234.	Mr. KRISHNA KUMAR P, ASSISTANT PROFESSOR	P	P	P	P	P
235.	SANGAM SURESH	A	P	P	P	P
236.	GOWRISHANKAR R	P	P	P	P	P
237.	M JANARTHANAN & Assistant Professor	P	P	P	P	P
238.	Mrs. SHEEJA HEROBIN RANI C	P	P	P	P	P
239.	GOVARDHAN	P	P	P	P	P
240.	GURRAM BHANUSRI & Assistant professor	P	P	P	P	P
241.	Dr. S. Ravi	P	P	P	P	P
242.	Ms.SREELEKSHMI P.S.	P	P	P	P	P
243.	DR. RAKESH KUMAR KARN	P	P	P	P	P
244.	Akshaya G	P	P	P	P	P
245.	Mr. MAYANK AGRAWAL	P	P	P	P	P
246.	KARTHIKA. S	P	P	P	P	P
247.	Dr. Arun Madhukar Patil Associate Professor	P	P	P	P	P
248.	MR AMIT SINGH	P	P	P	P	P
249.	YENNI PRIYANKA, Assistant Professor	P	P	P	P	P
250.	THANDRA GEETHA	P	P	P	P	P
251.	Mr. M. DHANUSHKUMAR	P	P	P	P	P
252.	Mrs. J. JAYASHREE, ASSISTANT PROFESSOR/EEE	P	P	P	P	P
253.	Dr.S.Sunitha	P	P	P	P	P
254.	B.ABARNA	P	P	P	P	P
255.	Dr. G. DURGA, Associate Professor/ECE	P	P	P	P	P
256.	Mrs.PRATHIBA G	A	P	P	P	P
257.	Dr. Madhav Sitaram Wagh	P	P	P	P	P
258.	Ms. M. JULIE THERESE & ASSISTANT PROFESSOR	P	P	P	P	P
259.	Dr. Dinesh B Ganure, Assistant Professor Institute of Technology & Sciences Sangivalasa-531 162 Visakhapatnam Dist.	P	P	P	P	P

260.	Lenin SB	P	P	P	P	P
261.	Dr.RAMESH BABU VALLABHANENI	P	P	P	P	P
262.	ARUNVENKATESH M& STUDENT	P	P	P	P	P
263.	KAMALESH.V	P	P	P	P	P
264.	Dr.B.Senthilkumar, Professor	P	P	P	P	P
265.	GOTTIPATI SRINIVAS BABU	P	P	P	P	P
266.	M.SHENBAGAVALLI, AP/ECE	P	P	P	P	P
267.	Mr. VARUN KUMAR SINGHAL (ASSISTANT PROFESSOR)	P	P	P	P	P
268.	ARUN KUMAR S	P	P	P	P	P
269.	Mr.A.CHARLES & Assistant professor	P	P	P	P	P
270.	M.Easwaran	P	P	P	P	P
271.	MS KAVERI SARKAR	P	P	P	P	P
272.	Mrs. NIJU RAJAN	P	P	P	P	P
273.	Dr D BUVANA	P	P	P	P	P
274.	AKASH KUMAR GUPTA	P	P	P	P	P
275.	ASWINI M	P	P	P	P	P
276.	Gopal Ram K	A	A	P	P	P
277.	Mr.MUKESH KUMAR TIWARI	P	P	P	P	P
278.	A.VALARMATHI/TEACHING FELLOW	P	P	P	P	P
279.	Mr.YATA PRADEEP, ASSOCIATE PROFESSOR	P	P	P	P	P
280.	Mr.J PRASAD &ASSISTANT PROFESSOR(SI.G)	P	P	P	P	P
281.	PRAVEENA VADDIBOINA	P	P	P	P	P
282.	Prof. SAMATA RAJESH BHOSALE	P	P	P	P	P
283.	Mr. SUNIL KISHOR KHODE, Assistant Professor	P	P	P	P	P
284.	Dr. SHARADKUMAR G. NARWADE	P	P	P	P	P
285.	VELLANKI VENKATESWARA RAO , Teaching Assistant	P	P	P	P	P
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287.	Mr.E.UDAYAKUMAR, Assistant Professor/ECE	P	P	P	P	P
288.	Professor. Dr. Rais Abdul Hamid Khan.	P	P	P	P	P
289.	Ms. P. JEYABHARATHI	P	P	P	P	P
290.	Dr.K.RANGANATHAN M.Sc.,M.Phil.,Ph.D	P	P	P	P	P
291.	MARADANA HARISH	P	P	P	P	P
292.	Ms.P.STELLA ROSE MALAR	P	P	P	P	P
293.	Pappu tejaswi	P	P	P	P	P
294.	Mr. GIRISH SATISH KHAIRNAR	P	P	P	P	P
295.	VIVEK ANAND.I	P	P	P	P	P
296.	CH. SRI SATYA JYOTHIRMAI	P	P	P	P	P
297.	MOHAMMAD NAJUMUNNISA	P	P	P	P	P
298.	Dr. C. KAVITHA	P	P	P	P	P
299.	Sirajunnisa Mohammed	P	P	P	P	P
300.	Dr. Sreevardhan Cheerla	P	A	P	P	P
301.	GUDIVAKA.V.V.SATYA RAJESH ,Assistant Professor	P	P	P	P	P
302.	Snigdha Chaturvedi	P	P	P	P	P
303.	K.JYOTHI TEACHING ASSISTANT	P	P	P	P	P

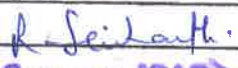
304.	SAMPAD KUMAR PANDA	P	P	P	P	P
305.	Soundararajan j	P	P	P	P	P
306.	PRAVEEN	P	P	P	P	P
307.	Mr.S.Pushparaj & Assistant Professor	P	P	P	P	P
308.	Basil Romi Jose	P	P	P	P	P
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310.	SURESH.T.P	P	P	P	P	P
311.	SHAIKH AFNAN MOHAMMED AARIF	P	P	P	P	P
312.	Mr.G.BOOPATHI RAJA	P	P	P	P	P
313.	Grout S	P	P	P	P	P
314.	B.THIRUVAIMALAR NATHAN	P	P	P	P	P
315.	M.RAJESVARI	P	P	P	P	P
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318.	B PHANINDRA KUMAR, ASSISTANT PROFESSOR	P	P	P	P	P
319.	A MANIKANDAN, ASSISTANT PROFESSOR	P	P	P	P	P
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322.	MAHESH KUMAR N Assistant professor	P	P	P	P	P
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325.	B. SWAPNA, ASSISTANT PROFESSOR/ECE	P	P	P	P	P
326.	S SOUNDARYA, STUDENT	P	A	P	P	P
327.	Dr. N. Bhuvana	P	P	P	P	P
328.	TAMIZHELAKKIYA, ASSISTANT PROFESSOR	P	P	P	P	P
329.	K.SENTHILKUMAR Assistant Professor	P	P	P	P	P
330.	Ms.S.JACQULIN VEDA JANCY, ASSISTANT PROFESSOR	P	P	P	P	P
331.	S.SOWMIYA	P	P	P	P	P
332.	Ms.M.PRABHA MAHESWARI & Assistant Professor	P	P	P	P	P
333.	Dr. A. SUNEEL KUMAR, Lecturer in Physics	P	P	P	P	P
334.	N SATEESH	P	P	P	P	P
335.	Sruthi Sudheer	P	P	P	P	P
336.	Mr.G.BOOPATHI RAJA	P	P	P	P	P
337.	AJIN ROCH	P	P	P	P	P
338.	SRISABARIMANI K	P	P	P	P	P
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340.	Mr. UDAY CHANDRA A Research Scholar	P	P	P	P	P
341.	Mrs.C.KALIESWARI ASSISTANT PROFESSOR/ECE	P	P	P	P	P
342.	S.MALATHI , ASSISTANT PROFESSOR	P	P	P	P	P
343.	Prof.R C GIRISHA	P	P	P	P	P
344.	Mr.Shrinivas Joshi, Assistant Professor	P	P	P	P	P
345.	Mrs.JUDY SIMON	P	P	P	P	P
346.	Mrs B. Prabhavathi Devi	P	P	P	P	P

347.	M. DEEPIKA	P	P	P	P	P
348.	VEERA AMUDHAN R	P	P	P	P	P
349.	KORUMILLI.DEVIPRIYA	P	P	P	P	P
350.	KAMALAHASAN	P	P	P	P	P
351.	A AKSHAYA (STUDENT)	P	P	P	P	P
352.	VINOTHKUMAR G	P	P	P	P	P
353.	Dr. R. ESWARAMOORTHY	P	P	P	P	P
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355.	Mr. A. SENTHILKUMAR	P	P	P	P	P
356.	Dr. V. SAIDULU	P	P	P	P	P
357.	Dr.S.Vijayalakshmi	P	P	P	P	P
358.	Dr.K.R.KAVITHA	P	P	P	P	P
359.	Sasikala N	P	P	P	P	P
360.	Ms. J. Glory Priyadharshini & Assistant Professor	P	P	P	P	P
361.	Mr. SAMEER ANAND, Assistant Professor	P	P	P	P	P
362.	M SENTHIL VADIVU ASSISTANT PROFESSOR	P	P	P	P	P
363.	VINOJ V R	P	P	P	P	P
364.	RAJKUMAR.T	P	P	P	P	P
365.	G.BIJU GEORGE	P	P	P	P	P
366.	M.VIJAYA GANDHI	P	P	P	P	P
367.	SIVAGANAPATHI M	P	P	P	P	P
368.	G.PRATHEEP/AP	P	P	P	P	P
369.	SRI RAMALINGA GANESA PERUMAL N	P	P	P	P	P
370.	KARPOORA SUNDARI K	P	P	P	P	P
371.	Mrs.I Mani Prabha	P	P	P	P	P
372.	Mrs. Sonia Behra	P	P	P	P	P
373.	MS.PRAMILA VOLVOIKAR, ASSISTANT PROFESSOR	P	P	P	P	P
374.	Anil Chowdary Tummala	P	P	P	P	P
375.	Antonita Shilpa J. Assistant Professor	P	P	P	P	P
376.	Mr.M.Shanmuganantham	P	P	P	P	P
377.	A	P	P	P	P	P
378.	Mr.C.GURUNATHAN, LECTURER	P	P	P	P	P
379.	Prof. YOGESH K SHARMA, Assistant Professor	P	P	P	P	P
380.	Mr. Pravin Khandare Assistant Professor	P	P	P	P	P
381.	Amit Totade	P	P	P	P	P
382.	Mrs.Jillian Cotta e Menezes,Assistant Professor	P	P	P	P	P
383.	Mrs.RADHA A, Assistant.Professor	P	P	P	P	P
384.	Baskaran	P	P	P	P	P
385.	Dr.S.VIJAYAKUMAR, Associate Professor	P	P	P	P	P
386.	ARUL P	P	P	P	P	P
387.	MR.CHIRANJEEVULU DIVVALA	P	P	P	P	P
388.	Srinivasan P	P	P	P	P	P
389.	Mrs. HAPPILA.T assistant professor	P	P	P	P	P
390.	BHARANI BANDI & Teaching Assistant	P	P	P	P	P
391.	Ms. KASI GEETHANJALI	P	P	P	P	P

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392.	ELAVARASI KVN & Assistant professor	P	P	P	P	P
393.	Mr PAMULA SEKHAR BABU & Associate Professor	P	P	P	P	P
394.	Dr. Kiran E Suryavanshi	P	P	P	P	P
395.	Mrs M. SUMALATHA & Associate Professor	P	P	P	P	P
396.	Mrs.SOUMYA.T.R & Assisat Professor	P	P	P	P	P
397.	S KARUNAKAR REDDY	P	P	P	P	P
398.	Dr.R.Kurinjimalar	P	P	P	P	P
399.	BALGOVIND CHOUDHARY	P	P	P	P	P
400.	Ms MEGHA SINGH, assistant professor	P	P	P	P	P
401.	Dr M Srimathi	P	P	P	P	P
402.	Dr. J. AJAYAN, ASSISTANT PROFESSOR	P	P	P	P	P
403.	Prajwalita Avasarala	P	P	P	P	P
404.	MALAISAMY K & ASSISTANT PROFESSOR ECE	P	P	P	P	P
405.	Ms Komal K Desai	P	P	P	P	P
406.	Saranya M.D	P	P	P	P	P
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408.	Mr. Rajaram Chougale Assistant Professor	P	P	P	P	P
409.	RAJASHEKARA, M.Tech Materials Science	P	P	A	P	P
410.	SIDDARTH MADICHETTI M.Tech Materials Science	P	P	P	P	P
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412.	Mr NOORANI SAIFALI BASHIRALI	P	P	P	P	P
413.	Dr. V. LEELA RANI	P	P	P	P	P
414.	Dr. K. V. N. Kavitha	P	P	P	P	P
415.	Dr.Ram Subbiah	P	P	P	P	P
416.	ASIF ALI MIR	P	P	P	P	P
417.	VRUSHALI PRABHUDESSAI, ASSISTANT PROFESSOR	P	P	P	P	P
418.	Anil Chowdary Tummala	P	P	P	P	P
419.	V.Vijayalakshmi	P	P	P	P	P
420.	Anil Chowdary Tummala	P	P	P	P	P
421.	VINAYA KUMAR S R., Assistant professor	P	P	P	P	P
422.	Mr.S.SIVAPRAKASAM AP/ECE	P	P	A	P	P
423.	SAM SURESH.J	P	P	P	P	P
424.	MRS. VIJAYA HADFADKAR, ASST. PROFESSOR	P	P	P	P	P
425.	MAMATHA G N	P	P	P	P	P
426.	Kedar B Sawant	P	P	P	P	P
427.	Dr. RICHA PANDEY	P	P	P	P	P
428.	Dr.NISHANT PATNAIK	P	P	P	P	P
429.	Dr. SRINIVAS SABBAVARAPU, Associate Professor	P	A	P	P	P
430.	MR.GOWTHAMAN P & ASSISTANT PROFESSOR	P	P	P	P	P
431.	Ms. ANUSHA SELES S	P	P	P	P	P
432.	Mr.GOWTHAMAN P, ASSISTANT PROFESSOR	P	A	P	P	P
433.	Dr.P.Mohan babu	P	P	P	P	P
434.	PAMULA SEKHAR BABU	P	P	P	P	P
435.	MADUGULA SUMALATHA	P	P	P	P	P


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436.	ALLU VENKATESWARA RAO	P	P	P	P	P
437.	Prajwalita Avasarala	P	P	P	P	P
438.	Prajwalita Avasarala	P	P	P	P	P
439.	Mr. THANAKALA RAMA KANAKA PYDIRAJU, ASSOCIATE PROFESSOR	P	P	P	P	P
440.	Ms. KOMAL K. DESAI & Assistant Professor	P	P	P	P	P
441.	Komal K Desai Assistant Professor	P	P	P	P	P
442.	Asst.Prof. Chaitali karekar	P	P	P	P	P
443.	Saranya M.D Assistant Professor	P	P	P	P	P
444.	MS. PRAMILA VOLVOIKAR, ASSISTANT PROFESSOR	P	P	P	P	P
445.	VRUSHALI PRABHUDESSAI, ASSISTANT PROFESSOR	P	P	P	P	P
446.	Dr. D.KUMUTHA, ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	P	P	P	A	P
447.	Usha	P	P	P	P	P
448.	N KAPILESWAR	P	P	P	P	P
449.	Ms. S. Geerthana	P	P	P	P	P
450.	Syedakbar S	P	P	P	P	P
451.	Syedakbar S	P	P	P	P	P
452.	B KEERTHI PRIYA	P	P	P	P	P
453.	Mrs.HAPPILA.T Assistant professor	P	P	P	P	P
454.	Mr. S KARUNAKAR REDDY, Associate Professor	P	P	P	P	P
455.	Mr. S. KARUNAKAR REDDY, Associate Professor	P	P	P	P	P
456.	Ms. TANGELLA PUJITHA Assistant professor	P	P	P	P	P
457.	Dr.K.V.N. KAVITHA, Associate Professor	P	P	P	P	P
458.	SAGARA PANDU, ASSISTANT PROFESSOR	P	P	P	P	P
459.	Mr.Rajaram Gundu Chougale	P	P	P	P	P
460.	Dr.JAWAHAR P K, PROFESSOR	P	P	P	P	P
461.	G.SATHESH KUMAR & ASSISTANT PROFESSOR	P	P	P	P	P
462.	Dr.V.VIJAYAKUMAR	P	P	P	P	P
463.	Dr.Ram Subbiah	P	P	P	P	P
464.	VIVEK V KAJAGAR, Asst Professor	P	P	P	P	P
465.	VIVEK V KAJAGAR- Asst Professor	P	P	P	P	P
466.	VIVEK V KAJAGAR- Asst Professor	P	P	P	P	P
467.	VIVEK V KAJAGAR-Asst Professor	P	P	P	P	P
468.	Mr.S.BOOPATHY, ASSISTANT PROFESSOR I	P	P	P	P	P
469.	MRS. SNEHA L. MHALSEKAR, Assistant Professor	P	P	P	P	P
470.	Ms.P.DURGADEVI & Assistant Professor	P	P	P	P	P
471.	Mr MOHAMMED SHARIFF A S	P	P	P	P	P
472.	D.V.N.BHARATHI & Assistant professor	P	P	P	P	P
473.	VIVEK V KAJAGAR-Assistant Professor	P	P	P	P	P
474.	Dr. Kiran E Suryavanshi	P	P	P	P	P
475.	Mr. YELLAMRAJU SRI CHAKRAPANI, Associate Professor	P	P	P	P	P
476.	Dr.R.SARAVANA KUMAR, ASST PROFESSOR	P	P	P	P	P
477.	Baskaran S	P	P	P	P	P

478.	Miss. GAUTHAMI VISWAN	P	P	P	P	P
479.	Miss. GAUTHAMI VISWAN	P	P	P	P	P
480.	KARPOORA SUNDARI K	P	P	P	P	P
481.	Mohanbabu.a	P	P	P	P	P
482.	Deepika	P	P	P	P	P
483.	DR.PRASANNAKUMAR J B Asst Prof	A	P	P	P	P
484.	Dr. PRASANNA KUMAR J B ASSISTANT PROFESSOR	P	P	P	P	P
485.	Dr.S.Vijayakumar, Associate Professor	P	P	P	P	P
486.	BHARANI BANDI	P	P	P	P	P
487.	Mr. SIDDARTH MADICHETTI, PG Student	P	P	P	P	P
488.	MR HARISH VELINGKAR , ASSISTANT PROFESSOR	P	P	P	P	P
489.	BHARANI BANDI & Teaching Assistant	P	P	P	P	P
490.	Prof. REVAL SINGH KHARAT	P	A	P	P	P
491.	Dr. KALPANA SISODIYA	P	P	P	P	P
492.	Dr. MOMIN HOSSAIN KHAN, ASSISTANT PROFESSOR	P	P	P	P	P
493.	M.A.SURESH BABU	P	P	P	A	P
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497.	Mr. RAVI TELI, ASSISTANT PROFESSOR	P	P	P	P	P
498.	DR VIJENDRA KUMAR MAURYA	P	P	P	P	P
499.	MR HARISH VELINGKAR , ASSISTANT PROFESSOR	P	P	P	P	P
500.	VALARMATHI E R	P	P	P	P	P
501.	Dr M SRIMATHI, Assistant Professor	P	P	P	P	P
502.	Dr. J. Ajayan Assistant Professor	P	P	P	P	P
503.	Dr. J. AJAYAN ASSISTANT PROFESSOR	P	P	P	P	P
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505.	NIROSHA. R (Research scholar)	P	P	P	P	P
506.	Mr. A. WESLEY JEEVADASON, RESEARCH SCHOLAR	P	P	P	P	P
507.	C USHA	P	P	P	P	P
508.	Asif Ali Mir	P	P	P	P	P
509.	Mr. M.EASWARAN , Assistant professor	P	P	P	P	P
510.	Mrs. Ankita Lotlikar Madkaiker	P	P	P	P	P
511.	Dr Vineeta Manohar Arole	P	P	P	P	P
512.	Dr. K. VIJAI ANAND, ASSOCIATE PROFESSOR OF PHYSICS	P	P	P	P	P
513.	B. SRAVANTHI Asst.Professor	P	P	P	P	P
514.	Dr. B.KAVITHA	P	P	A	P	P
515.	Mrs. N.ARULMOZHI VIJAYA BANU	P	P	P	P	P
516.	C.VENNILA	P	P	P	P	P
517.	Dr Vineeta Manohar Arole	P	P	P	A	P
518.	C.VENNILA	P	P	P	P	P
519.	JAYADEVAN N M	P	P	P	P	P
520.	Dr.P.Murugapandiyam	P	P	P	P	P

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522.	Dr.R.SARADA	P	P	P	P	P
523.	N.RAMKUMAR	P	P	P	P	P

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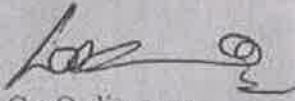
DEPARTMENT OF CSE

FACULTY TRAINING PROGRAM on SKILL DEVELOPMENT OF RESEARCH

From 24-12-2020 to 29-12-2020

(2020-21)


S.NO	FACULTY NAME	TITLE	DATE & TIME
1.	Prof.M.Rama Krishna Murthy	Research a Way Forward	24-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm
2.	D.Rudra Pratap Ojha	Mathematical Modelling and its application in various area of research	26-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm
3.	Mr.S.R. Mishra	Evaluating Scientific Journal Using Journal Metrics	27-12-2020, 9:00am to 12:00 pm and 1:00pm to 3:00 pm
4.	Prof.M.Rama Krishna Murthy Mr.S.Joshua Johnson	An Intuition to Word2Vector	28-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm
5.	Mr.S.R. Mishra	Understanding the basics Evaluation of Scientific Journals (Hand on Session)	29-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm


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Sangivalasa-531 162, Bheemuripatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84/87 Fax: 226305
email: principal@anits.edu.in
Website: www.anits.edu.in

CSE Dept./Research-Forum/Academy yr:2020 -2021/Seminar – I

Sangivalasa
22-12-2020

CIRCULAR

It is hereby informed that, there will be a talk on the following title.

All faculty members may attend without prejudice of academic work.

S. No	Date & Time	Speaker(s)	Affiliation	Title	Venue
1	24-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm	Prof.M.Rama Krishna Murthy	ANITS, Vishakapatnam	Research a Way Forward	LAB – II
2	26-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm	D.Rudra Pratap Ojha	Glagotias University, Greater Noida	Mathematical Modelling and its application in various area of research	LAB – II
3	27-12-2020, 9:00am to 12:00 pm and 1:00pm to 3:00 pm	Mr.S.R. Mishra	ANITS, Vishakapatnam	Evaluating Scientific Journal Using Journal Metrics	LAB – II
4	28-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm	Prof.M.Rama Krishna Murthy Mr.S.Joshua Johnson	ANITS, Vishakapatnam	An Intuition to Word2Vector	LAB – II
5	29-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm	Mr.S.R. Mishra	ANITS, Vishakapatnam	Understanding the basics Evaluation of Scientific Journals (Hand on Session)	LAB – II

E-Mail Copy to

Principal – For Kind Information

HoD of CSE – With a request to display on student notice boards.

All Staff

Co-Ordinator

Head of the Department

Convener, IQAC
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Technology & Sciences
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Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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ACADEMIC YEAR 2020-2021

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DATE : 24-12-2020 to 29-12-2020

Objective

To enhancing functional area expertise improving research aim into several parts and address each part to enhancing abilities for conducting meaningful research.

Areas to be Covered

"FACULTY TRAINING PROGRAM" of Development of Computer Science and Engineering, ANITS organised a SKILL DEVELOPMENT OF RESEARCH session on :

S. No	Date & Time	Speaker(s)	Affiliation	Title	SIG	Venue
1	24-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm	Prof.M.Rama Krishna Murthy	ANITS, Vishakapatnam	Research a Way Forward	Research	LAB - II
2	26-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm	D.Rudra Pratap Ojha	Glagotias University, Greater Noida	Mathematical Modelling and its application in various area of research	Research	LAB - II
3	27-12-2020, 9:00am to 12:00 pm and 1:00pm to 3:00 pm	Mr.S.R. Mishra	ANITS, Vishakapatnam	Evaluating Scientific Journal Using Journal Metrics	Research	LAB - II
4	28-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm	Prof.M.Rama Krishna Murthy Mr.S.Joshua Johnson	ANITS, Vishakapatnam	An Intuition to Word2Vector	Research	LAB - II
5	29-12-2020 9:00am to 12:00 pm and 1:00pm to 3:00 pm	Mr.S.R. Mishra	ANITS, Vishakapatnam	Understanding the basics Evaluation of Scientific Journals (Hand on Session)	Research	LAB - II

A. Jeyanth
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QW
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Addressed all the faculty of CSE.

OUTCOME

Understand the integrate resources of research and the ability to search for, find, collect, analyse, interpret and evaluate information that is relevant to the subject being studied. Research shapes the future, it teaches us new things and helps us adapt and evolve.

Co-Ordinator

A handwritten signature in black ink, appearing to be 'K. Sridharthi'.

K. Sridharthi
Convener, IQAC
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Technology & Sciences
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Visakhapatnam Dist.

A handwritten signature in green ink, appearing to be 'C. V. Srinivas'.

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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES
DEPARTMENT OF CSE

Faculty Development Program on Skill Development of Research
Date: 24/12/2020

S.No	Names of the Faculty	Signature
1	Dr.R.Sivaranjani	
2	Dr.M.Ramakrishna Murty	
3	Mr. S.Ratan Kumar	
4	Dr. K.Selvani Deepthi	
5	Dr. G.Jagadish	
6	Mrs. S. A. Bhavani	
7	Mrs. G. Pranitha	
8	Mrs. G V Gayathri	
9	Mr. Soumya Ranjan Mishra	
10	Mr. K.Chandra Sekhar	
11	Mrs. G.Gowri Pushpa	
12	Mrs. G.Santoshi	
13	Dr. K.Suresh	
14	Mrs. G. Gayathri	
15	Mrs. S.V.S.S.Lakshmi	
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22	Ms. N. Lokeswari	
23	Mrs. K. Amaravathi	
24	Mr. G.Sathar	
25	Mr. P. Krishnanjaneyulu	
26	Mr. Ch. K. Rupesh Kumar	
27	Mr. B Mahesh	
28	Mr. N D S S Kiran Relangi	
29	Mr. S Bose Babu	
30	Mr. Prasad Kaviti	
31	Mrs. V Mamatha	
32	Mr. S K A Manoj	
33	Ms. P Spandana Valli	
34	Ms. A Yayaswi	

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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES

DEPARTMENT OF CSE

Faculty Development Program on Skill Development of Research

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[Handwritten Signature]
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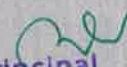
[Handwritten Signature]
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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
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Sangivalasa 531 162, Bheemunipatnam mandal, Visakhapatnam dist.,

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Website: www.anits.edu.in

E-mail: principal@anits.edu.in

Workshop on reforms in assessment process

Organized by ANITS – IQAC

On 13-03-2021 and 27-03-2021

Objective of the workshop

To improve the quality of assignments and question papers

Outcomes of the workshop

After attending the workshop, the participants will be able to

- 1) Map program outcomes to assessment through usage of performance indicators and competencies
- 2) Improve structure and quality of internal assignments and question papers
- 3) Assess higher order abilities and professional skills of students

Prerequisites

Basic knowledge on Outcome based education

Course Content

S. No.	Topics to be covered	Course outcomes
1	Performance indicators and competencies	1
2	Bloom's taxonomy	2
3	Activity for assessing professional skills with higher order	1, 2, 3
4	Assignment preparation with Bloom's level 4, 5 and 6	1, 2, 3
5	Internal question paper preparation	1, 2, 3

R. Subanthi

Convener, IQAC

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No: ANITS/Gen-12/Circular/2020-21/35

Date: 08th March, 2021

CIRCULAR

This is to inform all that a workshop on "Reforms in Assessment process" is planned by IQAC, ANITS to improve the quality of internal assignments and question papers.

In this regard, all HoDs are requested to assign faculty to the workshop as per the below schedule.

Date	Time	Department	No. of faculty
13-03-2021	09:00 AM to 11:30 AM	CSE	18
		IT	15
		ECE	18
		EEE	18
13-03-2021	12:30 PM to 03:00 PM	Mechanical	20
		Civil	6
		Chemical	5
		Mathematics	5
		Physics	5
		Chemistry	5
		English	5

Encl: Course handout

To
All HoDs
Convener, IQAC
Main Notice Board
IQAC & Master files

R. Subanth
Convener, IQAC
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email: principal@anits.edu.in

Workshop on "Reforms in Assessment Process" by IQAC, ANITS

Date: 13th March 2021

Venue: B-408, Simulation lab

Attendance Sheet

S. No.	Name of the Faculty	Designation	Department	Signature
1.	Dr. G. Manuasha Rao	Professor	ECE	
2.	A. Siva Kumar	Asst. Prof	ECE	
3.	Vijay Kumar Sahu	Asst. Prof	ECE	
4.	Bibekendra Jenu	Asst. Prof	ECE	
5.	Dr. S. Srinivas	Assoc. Prof	ECE	
6.	Dr. P. Murugapandyan	Assoc. Prof	ECE	
7.	N. Ram Kumar	Asst. prof	ECE	
8.	B. Rajasekhar	Asst. Prof	EEE	
9.	L. Dinesh	Asst. Prof.	EEE	
10.	V. Anil Kumar	Asst prof	EEE	
11.	K. TRINADH BABU	Asst. Prof	EEE	
12.	A. DHANAMTAYA APPARAO	"	"	
13.	N. KIRAN	Asst. Prof	EEE	
14.	R. Satish	Asst. Prof	EEE	
15.	S. Balamurali	Associate prof	EEE	
16.	R. SATYANARAYANIA	Asst prof	EEE	
17.	R. V. L. N. Divakar	Asst. prof.	EEE	
18.	K. Kishan Kumar	Asst. Prof	EEE	
19.	Dr. N. Patnaik	Assoc. Prof.	EEE	
20.	Dr. T. Naranimulu	"	EEE	
21.	D. CH. MOULI	Asst. prof.	ECE	
22.	T.V. Subinashini	Asst. prof	EEE	
23.	D. Sa Lakshmi	Asst. prof	EEE	
24.	P. Devi	Asst. Prof	ECE	
25.	G. Gayatri	Asst. Prof	ECE	
26.	K. Yashoda	Asst. Prof	ECE	
27.	M. MRINALA	Asst. Prof	ECE	
28.	Mr. ANIL PRASAD D	Asst. Prof	ECE	
29.				
30.	A. Seetha Convener, IQAC			

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Workshop on "Reforms In Assessment process" by IQAC, ANITS

on

27-03-2021

S.No	Name of the staff member	Designation	Dept.	Signature
1	P.Chaya Devi	Professor	ECE	
2	B.Deepa	Asst. Prof.	ECE	
3	Ch.Anoosha	Asst. Prof.	ECE	
4	P.S.M.Veena	Asst. Prof.	ECE	
5	D.Nagamani	Asst. Prof.	ECE	
6	V.Shireesha	Asst. Prof.	ECE	
7	Ch.padmaree	Asst. Prof.	ECE	
8	Dr.K.V.Gowree Srinivas	Asst. prof	ECE	
9	Mr.N.Srinivasaprasada	"	"	
10	Dr. A. Lakshmi Narayana	Asst Prof	ECE	
11	P. devi pradeep	Asst prof	ECE	
12	P. Chandra Seelam	Asst. Prof	ECE	
13	Dr.B. Somasekhara	Asst. prof	ECE	
14	Nitin Kumar	Asst. Prof.	ECE	
15	A.V. Ravindra	Asst. Prof.	ECE	
16	Dr.G. PRASANNA	Asst. prof	ECE	
17	V.Vijay kumar Raju	Asst. Prof	ECE	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

20-04-2021

This is informed to all the faculty members that an online webinar on "The ART of Writing Research Papers" on 27.04.2021 (4 PM to 5 PM) is being organized by the department of ECE. Dr. J. Ajayan, Associate Professor, Department of electronics and communication engineering, SNS college of Technology, Coimbatore, will be the resource person of the webinar.


Dr.V. Rajya-Lakshmi

Prof & Head ECE
Head of the Department
Department of ECE
Anil Neerukonda Institute of Technology & Sciences
Sangivalasa-531 162

Attachment:

Brochure

To

Notice board

All Faculty members


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Department of Electronics and Communication Engineering

Invites to a webinar on

THE ART OF WRITING RESEARCH PAPERS

Resource Person

Date : 27-04-2021

Time: 4 PM to 5 PM



Dr. Ajayan John

For more details

Contact Dr.P.Murugapandiyan

Co-Ordinator- +8459633255

muragapandiyan.ece@anits.edu.in

Chair, IEEE Electron Device Society,
Coimbatore Chapter, India.
Associate Professor, Department of ECE,
SNS College of Technology, India.

- Webinar will be hosted through an online google meet platform
- For registration follow the link: <https://forms.gle/dEREv8SChxYzp14j8>
- E-Certificate will be provided for the participants

Coordinators
Dr.P.Murugapandiyan
Mr.N.Ramkumar

Convener
Dr.V.Rajya Lakshmi
Prof and Head ECE

R. Senthil
Convener

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Department of Electronics and Communication Engineering

Webinar on "The ART of Writing Research Papers"- Report


Date: 27/04/2021

The webinar on "The ART of Writing Research Papers" was conducted by department of Electronics and Communication Engineering, ANITS. The webinar was organized on 27th April 2021 and Dr. J. Ajayan, Associate Professor, Department of the ECE, SNS college of Technology, Coimbatore.

There is consistent demand on academicians to produce good quality research papers. This demand is institutionalized in the requirements laid down by the regulatory bodies and the strategic attempts by educational institutions to manage research. Keeping this demand in mind, the objective of this webinar is to unpack what constitutes a *great* research paper and outline the pleasures and pitfalls of writing it. With the help of some characteristic examples and activities, the webinar served as a practical guide to the art of writing papers. The content of the webinar as follows;

- Generating and choosing an idea
- Connecting with the reader
- Literature review
- Making claims and supporting them
- Drafting a research paper
- Citations and referencing
- Review papers
- Plagiarism and ethics of paper wring
- Top reasons for rejection of papers
- Journal selection
- Manuscript communication to journals
- Replying to reviewer comments
- Building research networks


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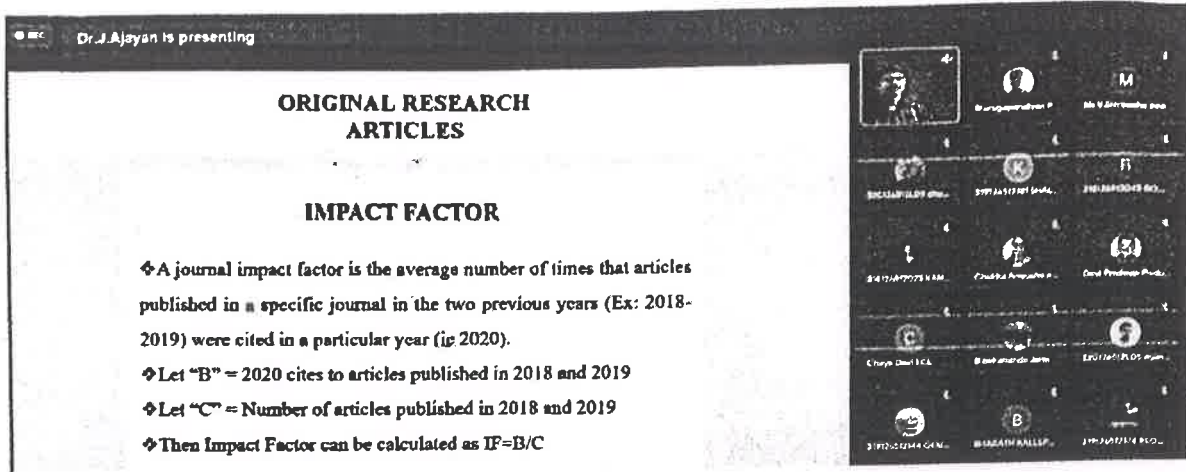

Principal
Anil Neerukonda Institute of
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Sangivalasa-531 162
Visakhapatnam Dist.

Dr. J. Ajayan is presenting

ORIGINAL RESEARCH ARTICLES

IMPACT FACTOR

- ◆ A journal impact factor is the average number of times that articles published in a specific journal in the two previous years (Ex: 2018-2019) were cited in a particular year (ie 2020).
- ◆ Let "B" = 2020 cites to articles published in 2018 and 2019
- ◆ Let "C" = Number of articles published in 2018 and 2019
- ◆ Then Impact Factor can be calculated as $IF = B/C$



Dr. J. Ajayan, was explained clearly about the research methodology, review paper writing, plagiarism policy, journal selection, and details of impact factor of a journal and citation details. And Dr. J. Ajayan, addressed the participant queries clearly.

This webinar organized with an intention to stress the importance of writing good quality research papers. This webinar guides the participants for art of writing papers.

Coordinators:

P.P →
Dr. P. Murugapandiyam
 Associate Professor/ECE,
 ANITS.

N.R
Mr. N. Ramkumar,
 Assistant Professor/ECE,
 ANITS.

R. Srinivasan
 Convener, IQAC
 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa-531 162
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Convener

[Signature]
Dr. V. Rajyalakshmi,
 Prof and Head/ECE,
 ANITS.

Head of the Department
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Phone: 08933-225083/84/87 Fax: 226395
Website: www.anits.edu.in email: principal@anits.edu.in

A one day online seminar on

“THE ART OF WRITING RESEARCH PAPERS”

Date: 27-04-2021

List of Participants

S.No.	Name of the Faculty	College	Branch
1.	Dr.V.Rajyalakshmi	ANITS	ECE
2.	Dr.G.Manmadha Rao	ANITS	ECE
3.	Dr.B.Somasekhar	ANITS	ECE
4.	Dr.S.Srinivas	ANITS	ECE
5.	Dr.P.Muragapandiyan	ANITS	ECE
6.	Ms.P.S.M.Veena	ANITS	ECE
7.	Mr.D.Anil Prasad	ANITS	ECE
8.	Ms.M.Nirmala	ANITS	ECE
9.	Ms.Ch.Anoosha	ANITS	ECE
10.	Ms.B.Deepa	ANITS	ECE
11.	Dr.J.Bhaskar Rao	ANITS	ECE
12.	Ms.D.Nagamani	ANITS	ECE
13.	Mr.A.Siva Kumar	ANITS	ECE
14.	Dr.A.L.Narayana	ANITS	ECE
15.	Ms.G.Gayatri	ANITS	ECE
16.	Mr.B.Chandramouli	ANITS	ECE
17.	Ms.V.Shireesha	ANITS	ECE
18.	Mr.Vijay Kumar Sahu	ANITS	ECE
19.	Mr.N.Srinivasa Naidu	ANITS	ECE
20.	Dr.K.V.G.Srinivas	ANITS	ECE
21.	Mr.V.VijayKumarRaju-	ANITS	ECE
22.	Ms.P.Chayadevi	ANITS	ECE
23.	Mrs.K.Yashoda	ANITS	ECE

R. Sridhar
Convenor, IQAC
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Visakhapatnam Dist.

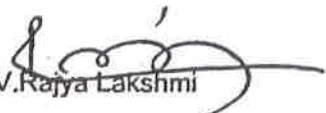
24.	Mr.B.Jena	ANITS	ECE
25.	Mr.N.Ram kumar	ANITS	ECE
26.	Mr.R.Chandrasekhar	ANITS	ECE
27.	Mr.P.DeviPraddeep	ANITS	ECE
28.	Ms.Ch.Padmasree	ANITS	ECE
29.	Mr.Raviteja	ANITS	ECE
30.	Ms.P.Devi	ANITS	ECE
31.	Mr.Nithin Kumar	ANITS	ECE
32.	Dr.G.Prasanna	ANITS	ECE
33.	Dr. K. China Malakondaiah	ANITS	Chemical
34.	Dr. Anjali Dasari	ANITS	Chemical
35.	Mr.D.Guru Mahesh	ANITS	Chemical
36.	Mr. M. Koteswara Rao	ANITS	Chemical
37.	Mr. B. Praddeep Santhosh Kuma	ANITS	Chemical
38.	Ms.S.Harika	ANITS	Chemical
39.	M.K.S.S.KrishnaChaitanya	ANITS	Civil
40.	Palla V R Sravya	ANITS	Civil
41.	T V Viswa Teja	ANITS	Civil
42.	Chippada Srinivas	ANITS	Civil
43.	Kadali Suryanarayana	ANITS	Civil
44.	J.Harsha Vardhana Reddy	ANITS	Civil
45.	Dr.Jagadish Gurrala	ANITS	CSE
46.	S. A. Bhavani	ANITS	CSE
47.	Pranitha Gaddc	ANITS	CSE
48.	G V Gayathri	ANITS	CSE

R. Feidant
 Convener, IQAC
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 Technology & Sciences
 Sangivalasa-531 162
 Visakhapatnam Dist.

Ch
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 Technology & Sciences
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 Visakhapatnam Dist.


49.	K.Chandra Sekhar	ANITS	CSE
50.	G.Gowri Pushpa	ANITS	CSE
51.	Gunupuru Gayathri	ANITS	CSE
52.	T Anitha	ANITS	CSE
53.	G.V.Eswara Rao	ANITS	CSE
54.	Mr. Kavala Kiran Kumar	ANITS	EEE
55.	Mr.B.Raja Sekha	ANITS	EEE
56.	Mrs. Komma Lavanya	ANITS	EEE
57.	Mr.M.Sudheer Kumar	ANITS	EEE
58.	Mr.K.Trinadh Babu	ANITS	EEE
59.	Mr.L.Dinesh	ANITS	EEE
60.	Mr.S.Harish	ANITS	EEE
61.	Mrs. D. Sri Lakshmi	ANITS	EEE
62.	Mr. V. Anil Kumar	ANITS	EEE
63.	Mr. J. Uday Venkatesh	ANITS	EEE
64.	Mr.B. Satyanarayana	ANITS	EEE
65.	Mr.M.Divakar	ANITS	EEE
66.	Mr.Ch.Demudu Naidu	ANITS	IT
67.	Mr.N.Aditya Sundar	ANITS	IT
68.	Mr.Pandit Samuel	ANITS	IT
69.	Mr.M.V.Kishore	ANITS	IT
70.	Mr.Reddi Prasadu	ANITS	IT
71.	Mr.V.Annapoorna	ANITS	IT
72.	Mrs.Vijiyalakshmi	ANITS	IT
73.	Mr.Ravi Gorti	ANITS	IT

74.	Mr.D.Satyaprasad	ANITS	MECH
75.	G.Uma Maheswara Rao	ANITS	MECH
76.	B.B. Ashok Kumar	ANITS	MECH
77.	S.Phani Kumar	ANITS	MECH
78.	J.V. Bhanu Tej	ANITS	MECH
79.	B. Pradeep Kuma	ANITS	MECH
80.	R.D.V.Prasad	ANITS	MECH
81.	Ch. Maheswara Rao	ANITS	MECH
82.	Gowrisankar kaitha	ANITS	MECH
83.	S.Ramanjaneyulu	ANITS	MECH
84.	Lakshmi Prasad B.S.	ANITS	MECH
85.	PAVAN KUMAR IJJADA	ANITS	MECH
86.	Dr. LENIN V R	ANITS	MECH
87.	B Krishna Prafulla	ANITS	MECH



Dr.V.Rajya Lakshmi

Professor & HOD , ECE

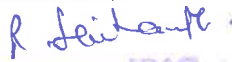
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Associate Professor/ECE

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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

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Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

Department of Electronics and Communication Engineering



Webinar on “The ART of Writing Research Papers”

Certificate of Participation

This is to certify that Dr. P. Murugapandiyam, Associate Professor, Department of ECE, ANITS has Participated in the webinar on “The ART of Writing Research Papers” Organized by Department of ECE–ANITS on 27th April, 2021.

Prof. T. Hanumantha Rao
Principal, ANITS

Dr. V. Rajyalakshmi
HoD-ECE, ANITS

Convener, IQAC
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Fax: 226395

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email: principal@anits.edu.in

Webinar on "The ART of Writing Research Papers" - Feedback Form Sample

Date: 27/04/2021

Name of the participant	
Name of the Institute	
Email ID	

You are requested to put a tick mark in the appropriate box provided against each Question as per the following criteria

A-strongly agree B-Agree C-Disagree D-Strongly disagree

S.NO	Parameter	A	B	C	D
1.	Do the objectives and outcomes of workshop were met				
2.	Is the information covered was consistent with webinar objectives				
3.	Information presented was clearly explained by the resource person?				
4.	Participant questions were clearly answered?				
5.	Presentation materials were organized and well prepared?				
6.	Workshop is useful to you professionally?				

Any other suggestions

R. Subathra
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Fax: 226395

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Department of Electronics and Communication Engineering

Webinar on "The ART of Writing Research Papers"- Feedback Report

Date: 27/04/2021

1. Do the objectives and outcomes of seminar were met

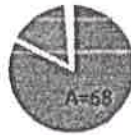
B=20 C=2



■ A ■ B ■ C ■ D

2. Is the information covered was consistent with workshop objectives

B=17 C=2



■ A ■ B ■ C ■ D

3. Information presented was clearly explained by the resource person

C=



■ A ■ B ■ C ■ D

R. Srinanth

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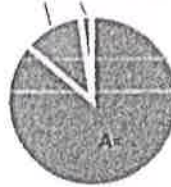
Fax: 226395

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email: principal@anits.edu.in

4. Participant questions were clearly answered

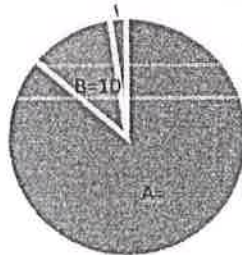
B=10 C=



■ A ■ B ■ C ■ D

5. Presentation material were organized and well prepared

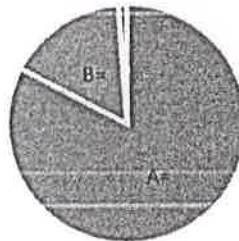
C=



■ A ■ B ■ C ■ D

6. Workshop is useful to you professionally

C=



■ A ■ B ■ C ■ D

Coordinators:

P.M.P.
Dr. P. Murugapandiyar
Associate Professor/ECE,

ANITS.

Mr.N.
Mr. N. Ramkumar,
Assistant Professor/ECE,
ANITS.

Convener

[Signature]
Dr. V. Rajyalakshmi,
Prof and HOD/ECE

ANITS.

Head of the Department
Department of ECE

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A Webinar on "The art of Research Paper writing"

FEED BACK IMPACT ANALYSIS

1. Do the objectives and outcomes of seminar were met
A= 65 B= 20 C= 2 D= 0

2. Is the information covered was consistent with seminar objectives
A= 68 B= 17 C= 2 D= 0

3. Information presented was clearly explained by the resource person
A= 72 B= 14 C= 1 D= 0

4. Participant questions were clearly answered
A= 75 B= 10 C= 2 D= 0


5. Presentation material were organized and well prepared
A= 75 B= 10 C= 2 D= 0

6. Seminar is useful to you professionally
A= 72 B= 14 C= 1 D= 0

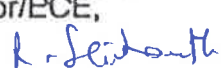
Based on the feedback samples,


Based on the feedback samples,

- The objectives and outcomes are met
- Participants learned about how to write a quality research article.
- Resource persons provided the best information regarding research methodology and plagiarism policy
- This workshop is useful all the participants.

Coordinator 
Dr. P. Murugapandiyam
Associate Professor/ECE

Mr. N. Ramkumar, 
Assistant Professor/ECE,
ANITS.


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Dr. V. Rajya Lakshmi

Professor & HOD,


ECE

Head of the Department

Department of ECE

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Sangivalasa-531 162


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Phone: 08933-225083/84/87, Fax: 226395

CIRCULAR

21-01-2021

This is to inform that ANITS is conducting a two Day Workshop to the technical and supporting staff of ANITS on “**INTER-PERSONAL SKILLS AND EFFECTIVE COMMUNICATION**” organized by the **Department of English & Humanities** on **28/01/2021 to 29/01/2021**

Faculty Coordinators:

Ms..Md. Sabirunnisa Gouse
Dr. Abhibunnisha Begum.

(Dr.G.Serwani Swamy)

I/C HOD, English and Humanities

Head of the
Department of English and Humanities
Anil Neerukonda Institute
of Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

(Prof. T.V. HANUMANTHA RAO)

Principal,

Anil Neerukonda Institute of
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Sangivalasa- 531 162
Visakhapatnam Dist

Copy to:

1. The HODs, All the departments of Engineering
2. The master file

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Visakhapatnam Dist.

Principal
Anil Neerukonda Institute
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.



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District Phone: 08933-225083/84/87 Fax: 226395

**Two Day Workshop to the technical and supporting staff of ANITS
On "Inter-Personal Skills and Effective Communication"**

Organized by
The Department of English & Humanities, ANITS
On 28/01/2021 to 29/01/2021

ATENDANCE SHEET

S.No.	Name of the Staff	Department	Signature
1.	N. Appala Raju.	IT	N. Appala Raju
2.	N. Rama Krishna	CSE	N. Rama Krishna
3.	B. Venkata Appala	E-CE	B. Venkata Appala
4.	N. Venkata Ramana	E-CE	N. Venkata Ramana
5.	S. Santosh Day	Chemical	S. Santosh Day
6.	N. Sankaran	Mechanical	N. Sankaran
7.	E.A. THATHESU	ECE	E.A. Thathesu
8.	V. SRINIVASA RAO	ECE	V. Srinivasa Rao
9.	N. Siva Krishna	English	N. Siva Krishna
10.	K.V. APPARAO	Civil	K.V. Apparao

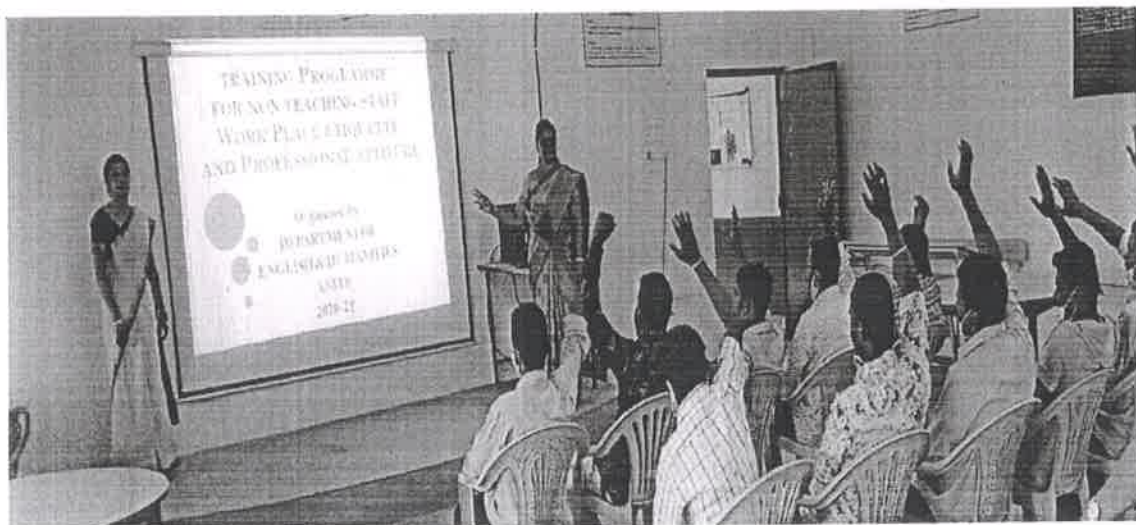
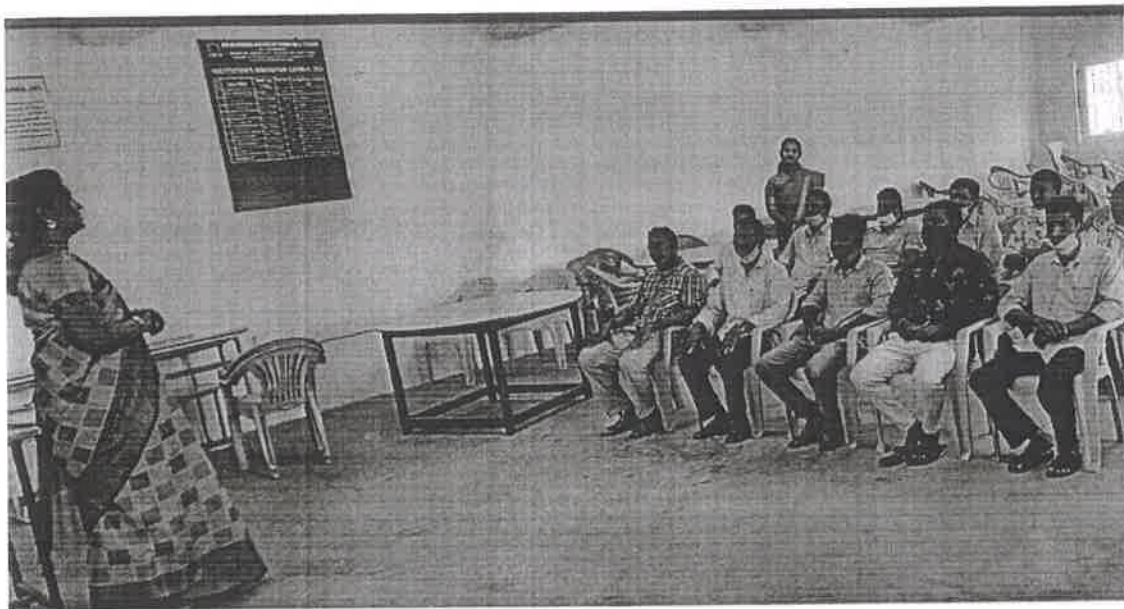
(Dr.G.Serwani Swamy)
I/C HOD, English and Humanities

R. Sankar
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Visakhapatnam Dist.

REPORT ON Two Day Workshop
Two Day Workshop to the Non-Teaching Staff of ANITS
On "Inter-Personal Skills and Effective Communication"
 Organized by
The Department of English & Humanities, ANITS
On 28/01/2021 to 29/01/2021

The Department of **English & Humanities** has organized a two day Workshop to the technical and supporting staff of ANITS on "**Inter-Personal Skills and Effective Communication**". It was conducted to improve their communicative skills and interpersonal skills. Ten staff members participated in the work shop. The staff was assigned various activities in which they participated and learned effective communication and etiquette.



(Dr.G.Serwani Swamy)
 I/C HOD, English and Humanities

Head of the
 Department of English and Humanities
 Anil Neerukonda Institute
 of Technology & Sciences
 Sangivalasa, Visakhapatnam Dist.
R. J. S. R.
 Convener, IQAC
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INVITATION

*Department of Computer Science and Engineering
cordially invites you to the*

INAUGURAL CEREMONY

OF
AICTE Sponsored

A One Week Online Short Term Training Program (STTP) on

PRIVACY & SECURITY in IoT

Date : 27/07/2020

TIME : 9:00 AM

CHIEF GUEST

**Dr. R. PADMAVATHY
ASSOCIATE PROFESSOR
NIT, WARANGAL**

In the Presence of

**Prof. T. V. Hanumantha Rao
Principal, ANITS (A)**

Coordinator :

Dr. R. Sivaranjani
HOD, CSE
ANITS

T. V. Hanumantha Rao
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Co-coordinators :

Dr. M. Ramakrishna Murthy
Prof. CSE, ANITS
Dr. J. Hyma
Assoc. Prof. ANITS

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AICTE Sponsored
A One Week
 Online Short Term Training Program (STTP) on
Privacy and Security in IoT
 27th July 2020 - 1st August 2020



Ms. Yukti Arora,
 CEO,
 Aumya Consulting Services.



Dr. P.S. Avadhani,
 Director,
 IIT Agarthala.



Dr. R. Padmavathi,
 Associate Professor,
 NIT Warangal.



Dr. Raju Bhukya,
 Asst. Professor,
 NIT Warangal.



Mr. Bapuji Kanaparthi,
 Chief Executive Officer,
 Appleton Innovations Pvt.,
 Ltd.



Mr. V. Srinivas Raju,
 Senior Consultant,
 MSRIT Sevices, Hyderabad.



Dr. N. Rukma Rekha,
 Associate Professor,
 Central University,
 Hyderabad



Dr. V.S. Naresh,
 Assoc. Dean (R&D),
 Sri Vasavi Engg. College,
 Tadepalligudem.



Mr. V.S. Ramesh,
 Director,
 STEPS Knowledge Services Pvt
 Ltd, Tamilnadu.



Dr. R. Sivaranjani,
 Professor & HoD, CSE,
 ANITS, Sangivalasa.

Organised By

Department of CSE,
 ANITS, Sangivalasa, Visakhapatnam.

JUL 27 - AUG 01

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 Last Date: 25/07/2020

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--	--	---	---	---

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 Convener, IQAC

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 Visakhapatnam Dist.

Dr. R. Sivaranjani
 Principal

Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa-531 162
 Visakhapatnam Dist.

About College

Anil Neerukonda Educational Society (ANES) has been founded by Dr.N.B.R.Prasad, an NRI Philanthropist from USA and Sri V.Thapovardhan, an industrialist in memory of the Late Anil Neerukonda, son of the chairman, Dr.N.B.R.Prasad. Dr.N.B.R.Prasad working with missionary zeal, unremitting commitment and strong financial backing, along with his friends, planned and completed the construction of a \$6 million Sri Venkateswara Temple in Greater Chicago area, and this temple of higher learning. ANITS is permanently affiliated to Andhra University since 6th July 2010 and has been accredited and reaccredited by NBA in 2016 for all of its eligible undergraduate courses.

About Department

The Department has marked a steady growth in terms of human resources, laboratories and space. It has 39 qualified teachers (Meeting the norms of AICTE) headed by Dr.R.Sivaranjani with 16 years of experience in teaching. The department also offering two new specializations in under graduate program- Artificial Intelligence & Machine Learning and Data Science to intellectually challenge the rapidly growing career opportunities.

Vision of Department

Our vision is to emerge as a world class Computer Science and Engineering department through excellent teaching and strong research environment that responds swiftly to the challenges of changing computer science technology and addresses technological needs of the stakeholders.

Mission of Department

To enable our students to master the fundamental principles of computing and to develop in them the skills needed to solve practical problems using contemporary computer-based technologies and practices to cultivate a community of professionals who will serve the public as resources on state-of-the-art computing science and information technology.

About STTP

The Internet of Things, or "IoT" extended the power of the Internet beyond computers and smartphones to a whole range of other things, processes, and environments. The security and privacy aspects in IoT rises many major challenges in handling sensitive information. One should have a proper awareness on current findings and before we proceed to provide the solutions, few things definitely needs to be explored. Hence, this course aims to provide a common platform for national experts from various sectors like R&D organizations, academic institutions, and industries in the field of computer science and to facilitate a knowledge sharing on the recent trends in privacy and security aspects of IoT.

Certification

e - Certificates will be provided to those participants who successfully completes with minimum 75% attendance and also appear for the online test and secure minimum 50% score as per the norms of AICTE.

Organising Committee

- Mrs.G.V.Gayathri, Asst.Professor, CSE, ANITS.
- Ms.N.Lokeswari, Asst.Professor, CSE, ANITS.

R. Sivanthi
Convener, IQAC
Anil Neerukonda Institute
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Program Schedule

27th July 2020

Inaugural Session (9:00 AM to 9:30 AM)

Session - 1: Security protocols with case study of security for Distributed Machine Learning (9:30 AM to 11:30 AM)
By Dr.R.Padmavathi, Associate Professor, NIT Warangal.

Session - 2: Managing security and privacy risk and control in SCADA and other IoT devices (2 PM to 4 PM)
By Ms. Yukti Arora ,CEO, Aumyaa Consulting Services

28th July 2020

Session - 3: Security Issues In IoT (9:30 AM to 11:30 AM)
By Dr.P.S.Avadhani, Director, IIT ,Agartala.

Session - 4: Privacy and Security in IoT- foundations (2 PM to 4 PM)
By Mr.V. Srinivas Raju, Senior Consultant, MSRT, Hyderabad.

29th July 2020

Session - 5: Design of Security, Privacy and Trust in Blockchain based Group Key Agreements (9:30 AM to 11:30 AM)
By Dr.V.S.Naresh, Assoc.Dean (R&D), Sri Vasavi Engg. College, Tadepalligudem.

Session - 6: Security & Privacy Challenges In Blockchains (2 PM to 4 PM)
By Dr.N.Rukma Rekha, Associate Professor, Central University, Hyderabad.

30th July 2020

Session - 7: Blockchain in agriculture (9:30 AM to 11:30 AM)
By Dr.Raju Bhukya, Asst.Professor, NIT Warangal.

Session - 8: Security Trends In Pervasive Applications (2 PM to 4 PM)
By Dr.N.Rukma Rekha, Associate Professor, Central University, Hyderabad.

31st July 2020

Session - 9: Introduction to Electronic system, Embedded system basics and Peripherals required to build a system(9:30 AM to 11:30 AM)
By Dr.V.S.Ramesh, Director, STEPS Knowledge Services Pvt Ltd, Tamilnadu.

Session - 10: Typical Security Attacks on IoT and its remedy (2 PM to 4 PM)
By Dr.V.S.Ramesh, Director, STEPS Knowledge Services Pvt Ltd, Tamilnadu.

1st August 2020

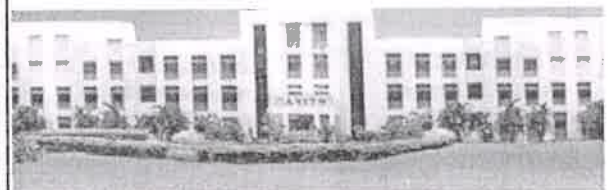
Session - 11: Designing IoT Products: A Practical Approach (9:30 AM to 11:30 AM)
By Mr.Bapuji Kanaparthi , CEO, Appleton Innovations Pvt. Ltd.

Session - 12: A Security Framework for the IoT (11:30 AM to 12:30 PM)
By Dr.R.Sivaranjani, Professor, HoD, CSE, ANITS.

Valedictory Online Quiz (1 Hour)

Contact

- Dr.M.Ramakrishna Murty, Professor- 8341831081
- Dr.J.Hyma, Associate.Professor-9490708388



Thank You

Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.



STTP on PRIVACY AND SECURITY IN IoT PROGRAMME SCHEDULE



		9.00AM TO 9.30 AM Inauguration of the STTP	
DAY -1 MONDAY 27.7.2020	SESSION -1 (9.30AM-11.30AM) Topic: Security protocols with case study of security for Distributed Machine Learning Dr.R. Padmavathi, Associate Professor,NIT Warangal	SESSION -2(2PM-4PM) Topic: Managing security and privacy risk and control in SCADA and other IoT devices Ms. Yukti.Arora (CEO)& Anju Tandon, Aumyaa consulting services	
DAY -2 TUESDAY 28.7.2020	SESSION -3 (9.30AM-11.30AM) Topic: Security issues in IoT Dr. P.S.Avadhani, Director, IIIT ,Agartala	SESSION -4(2PM-4PM) Topic: privacy and security in IoT- foundations Mr.V. Srinivas Raju, Senior Consultant, MSRIT,Hyderabad	
DAY-3 WEDNESDAY 29.7.2020	SESSION -5 (9.30AM-11.30AM) Topic: Design of Security, Privacy and Trust in Blockchain based Group Key Agreements Dr. V.S.Naresh, Asst. Dean R&D,Sri Vasavi Engg. College,Tadepalligudem	SESSION -6(2PM-4PM) Topic: Security & Privacy Challenges in Blockchains Dr. N.Rukma Rekha, Asst.Professor,Central University,Hyderabad	
DAY-4 THURSDAY 30.7.2020	SESSION -7 (9.30AM-11.30AM) Topic: Blockchain in agriculture Dr. Raju Bukhya, Asst.Professor,NIT Warangal	SESSION -8(2PM-4PM) Topic: Security Trends in Pervasive Applications Dr. N Rukma Rekha, Ass.Professor,Central University,Hyderabad	
DAY-5 FRIDAY 31.7.2020	SESSION -9 (9.30AM-11.30AM) Topic: Introduction to Electronic system, Embedded system basics and Peripherals required to build a system Mr. V.S. Ramesh, Director, STEPS Knowledge Services P Ltd,Tamilnadu	SESSION -10(2PM-4PM) Topic: Typical Security Attacks on IoT and its remedy Mr.V.S. Ramesh, Director, STEPS Knowledge Services P Ltd,Tamil Nadu	
DAY-6 SATURDAY 1.8.2020	SESSION -11 (9.30AM-11.30AM) Topic: Designing IoT Products: A Practical Approach Mr Bapuji kanaparathi,CEO,Appleton Innovations PVT.Limited	SESSION-12(11.30AM-12.30PM) Topic: A Security Framework for the IoT Dr.R.Sivaranjani,Professor,ANITS	Valedictory followed by online QUIZ (1 Hour)

K. Seetha

Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Dr. R. Sivaranjani

Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Dr. Sivaranjani Reddy

**Head of the Department of Learning
and Innovation**
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

ANNEXURE - V



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ANIL NEERUKONDA INSTITUTE OF
TECHNOLOGY & SCIENCES (A)



(Affiliated to AU, Approved by AICTE, Accredited by NBA & Certified by NAAC with 'A' grade)
Sangivalasa- 531 162, Bheemunipatnam Maandal, Visakhapatnam Dist. Andhra Pradesh, India.

CERTIFICATE

This is to certify that

*has participated in AICTE sponsored A One Week Online Short
Term Training Program (STTP) on "Privacy and Security in IoT",
from 27th July 2020 to 1st August 2020.*

DR. R. SIVARANJANI
Coordinator & HOD - CSE

DR. T.V. HANUMANTHA RAO
Principal

Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

ANNEXURE – VI
List of participants completed successfully

S.NO	Salutation	Full Name of the Participant	Designation	Name of the college / Organization
1	Mrs.	AMARAVATHI KAVITI	Assistant Professor	ANITS
2	Mrs.	S.S.N.L. Priyanka	Assistant Professor	ANITS
3	Mrs.	GorliSantoshi	Assistant Professor	ANITS
4	Mr.	BANDARU RAJESH	Assistant Professor	GITAM(DEEMED TO BE UNIVERSITY)
5	Ms.	LokeswariNambaru	Assistant Professor	Anil Neerukonda Institute of Technology & Sciences
6	Dr.	K.SELVANI DEEPTHI	Associate Professor	ANITS
7	Ms.	Radha A	Assistant Professor	ThassimBeevi Abdul Kader College for Women, Kilakaraik
8	Dr.	SWATI	Professor	Delhi Technological university
9	Mr.	KONDA HARI KRISHNA	ASSISTANT PROFESSOR	SRI VASAVI ENGINEERING COLLEGE
10	Mr.	KARUMANCHI ARUN BABU	Asst.Professor	BAPATLA ENGINEERING COLLEGE
11	Mrs.	KUPPALA SWATHI LAKSHMI DURGA	ASSISTANT PROFESSOR	ANIL NERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
12	Mrs.	Siva JyothiBarla	Assistant Professor	ANITS
13	Mrs.	MARY JOSEPHINE CAROLINE.R	HOD/ECE	IRT POLYTECHNIC COLLEGE,CHROMEPET,CHENNAI-44
14	Ms.	VENKATA NAGAMANI VADLAMANI	Assistant Professor	Anil Neerukonda Institute of Technology & Sciences
15	Dr.	R M DILIP CHARAAN	Teaching Fellow	Anna University Chennai
16	Mr.	Ravindran K	Assistant Professor	Easwari Engineering College
17	Mrs.	Sri Lakshmi Manchala	Assistant Professor	K L E F
18	Mr.	AletiRavichandra	Assistant Professor	ST.MARY'S WOMEN'S ENGINEERING COLLEGE
19	Dr.	P. KURINCHI	LECTURER-HOD(i/c)	Dr. Dharmambal Government Polytechnic College for Women
20	Dr.	P. SENTHIL KUMARI	Assistant Professor	ThassimBeevi Abdul Kader College for Women, Kilakaraik
21	Mr.	ARULKUMAR. K	LECTURER	IRT POLYTECHNIC COLLEGE KRISHNAGIRI
22	Dr.	VARANASI USHA BALA	ASSISTANT PROFESSOR	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES
23	Dr.	K.BHARGAVI	Assistant professor	KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY
24	Ms.	A.NITHYA	ASSISTANT PROFESSOR	PANIMALAR ENGINEERING COLLEGE
25	Mr.	Priyajit Ray	Research Scholar	University Of Calcutta
26	Mrs.	ALINA DASH	ASSISTANT PROFESSOR	VSSUT ,BURLA
27	Mr.	Suneel Kumar Duvvuri	Assistant Professor	Government College (Autonomous), Rajahmundry
28	Mrs.	S V S S LAKSHMI	Assistant professor	ANITS
29	Mrs.	M.Swathi	Assistant Professor	Anil Neerukonda Institute of Technology and Sciences

Convener, IC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Principal, IC
Anil Neerukonda Institute of
Technology & Sciences
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Visakhapatnam Dist.

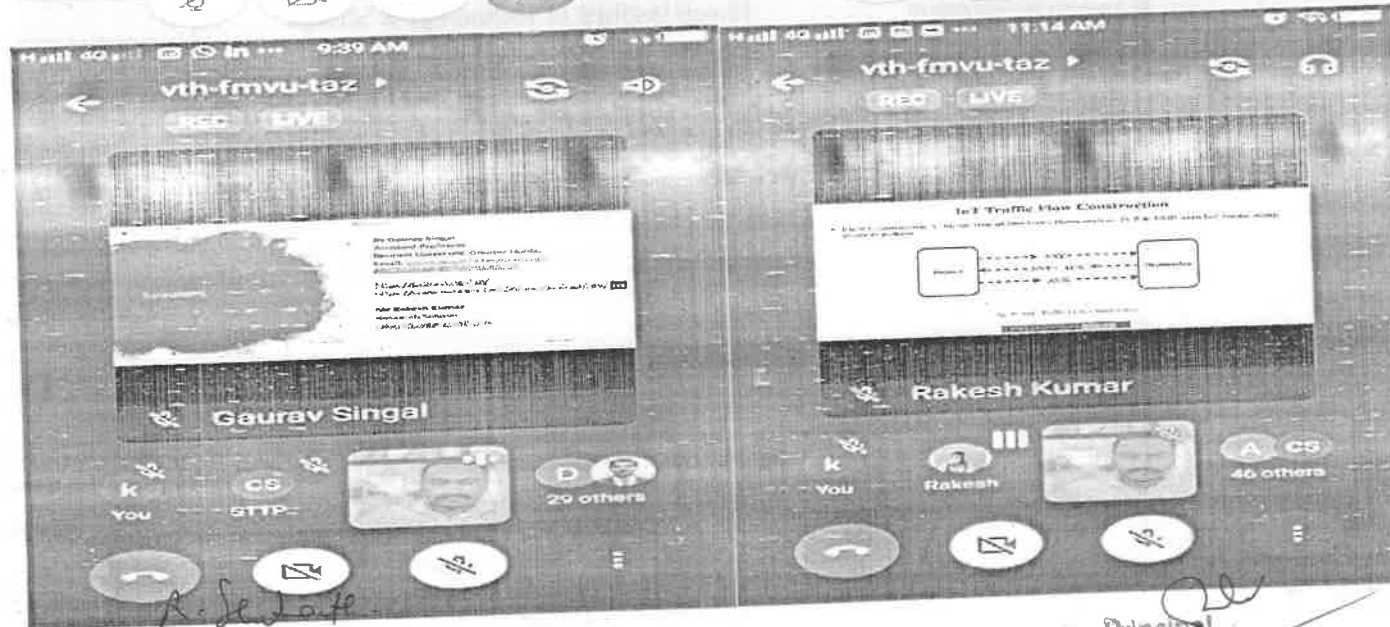
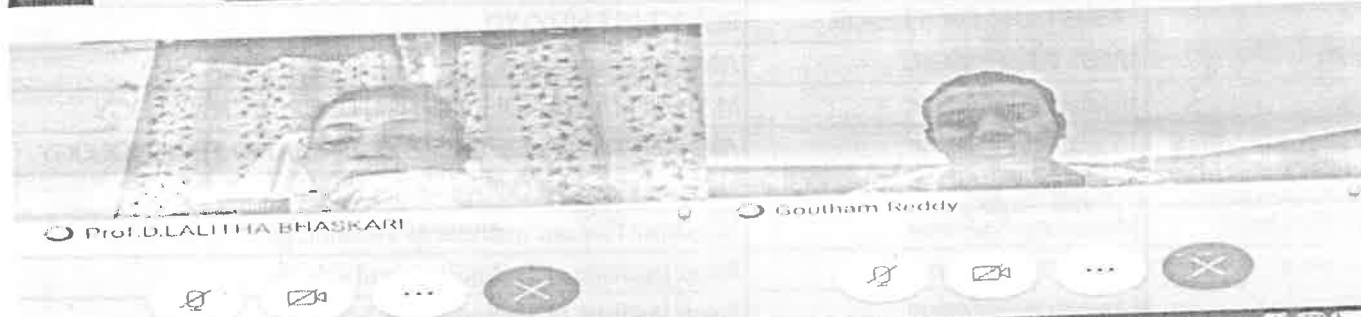
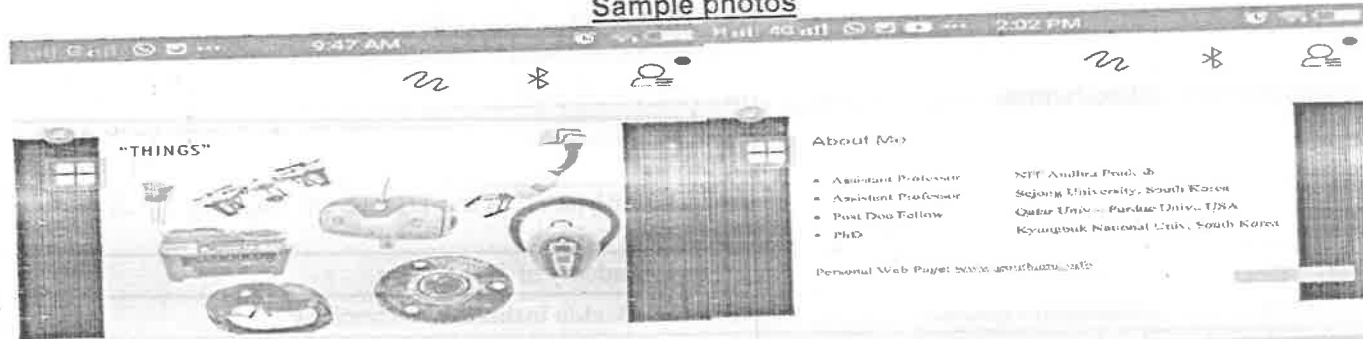
30	Mr.	D Sai Kumar	Research Scholar	Osmania University
31	Mr.	NIKHIL MADHUSUDAN JOSHI	Assistant Professor	NaranLala College of Commerce & Management
32	Dr.	AbdurRahamanSardar	Assistant Professor	RamkrishnaMahato Government Engineering College, Purulia
33	Dr.	K SandhyaRaniKundra	Asst.Professor	GayatriVidyaparishad College of Engineering(Autonomous)
34	Mrs.	YasaswiniKotamraju	Assistant Professor	Sreyas Institute of Engineering and Technology
35	Mr.	Sanjeev Gupta	Associate professor	Government College of engineering and technology jammu
36	Dr.	Suraya Mubeen	Associate Professor	CMR Technical Campus
37	Mr.	NAVIN DHINNESH ADC	Assistant Professor (Sr Gr)	MepcoSchlenk Engineering College (Autonomous), Sivakasi
38	Ms.	BhimavarapuUsharani	Assistant Professor	KLUniversity
39	Dr.	Marlapalli Krishna	Professor	Sir C R Reddy College of Engineering
40	Mr.	NETAJI GANDI	Assistant Professor	Vignan's Institute of Engineering for Women
41	Mrs.	GOWRIPUSHPA GEDDAM	Assistant Professor	ANIL NERRUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCE
42	Mrs.	V.K.G.KALAISELVI	Assistant Professor	SRI SAI RAM ENGINEERING COLLEGE
43	Mrs.	RANJANI.J	Assistant Professor	Sri Sairam Engineering college
44	Mr.	GULLAPALLI SATHAR	Assistant Professor	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY
45	Mrs.	Vale Alekya	Assistant Professor	ANITS
46	Dr.	SYED AZAHAD	Assistant Professor	SPHOORTHY ENGINEERING COLLEGE
47	Ms.	Swati Gupta	Project Engineer	Centre For Development Of Advanced Computing(CDAC),Noida
48	Mrs.	CHAVALI SITA KAMESWARI	ASST.PROF	KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY
49	Dr.	kurumalla Suresh	Assistant Professor	Anil Neerukonda Institute of Technology and Sciences
50	Dr.	S.ANU H NAIR	LECTURER	Dr.Dharmambal Government Polytechnic College for Women
51	Dr.	JagadishGurrala	Assistant professor	Anil Neerukonda Institute of Technology and Sciences
52	Mrs.	kasichainulavydehi	senior assistant professor	aditya engineering college
53	Mrs.	AndhavarapuBhanusri	Assistant professor	ANITS
54	Mrs.	RAJAKUMARI A	LECTURER/EEE	IRT POLYTECHNIC COLLEGE,CHROMPET
55	Mrs.	S.D.GAYATHRI	LECTURER	I R T POLYTECHNIC COLLEGE, BARGUR
56	Mr.	N S L KUMAR KURUMETI	Asst.Professor	Aditya Engineering College
57	Mrs.	DwarapuSuneetha	Assistant professor	Gitam deemed to be university
58	Mr.	Mr. Rahul Gaikwad	Assistant Professor	GFs Godavari College of Engineering Jalgaon
59	Dr.	Dr.L.Sujihelen	Assistant Professor	Sathyabama Institute of Science and Technology
60	Mr.	PATRUNI MURAI DHARAKRAO	RESEARCH SCHOLAR	VELLORE INSTITUTE OF TECHNOLOGY
61	Mrs.	A.chandrakani	Assistant professor	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

Convenor,
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Head of the Department of
Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

ANNEXURE - VII
Sample photos



A. S. J. J. J.
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

10/1/2020
Principal
11/1/2020
Principal
12/1/2020
Principal
13/1/2020
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26/1/2020
Principal
27/1/2020
Principal
28/1/2020
Principal
29/1/2020
Principal
30/1/2020
Principal
31/1/2020
Principal

62	Mr.	BHIMSEN JOSHI	LECTURER	B.L.D.E.A's SHREE SANGANABASAVA MAHASWAMIJI POLYTECHNIC , VIJAYAPUR
63	Mrs.	R SUDHA ABIRAMI	Assistant Professor	ThassimBeevi Abdul Kader college for women
64	Mr.	M.MANICKAM	LECTURER	IRT POLYTECHNIC COLLEGE, BARGUR
65	Mr.	BADANA MAHESH	Assistant professor	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES
66	Mrs.	ANITHA TEEDA	Assistant professor	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
67	Mr.	Dakshya Prasad Pati	Assistant Professor	Trident Academy of Technology
68	Mrs.	AdidamSurekha	Assistant Professor	Anil neerukonda institute of technology
69	Mr.	BHARAT VEERLA	ASSISTANT PROFESSOR	RGUKT IIIT NUZVID
70	Mr.	SONGA BOSU BABU	ASST PROFESSOR	ANITS
71	Mr.	RAGHU KASULA	Assistant Professor	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
72	Mr.	BerageriKuruvaChinnaMaddileti	Assistant Professor	AVN INSTITUTE OF ENGINEERING AND TECHNOLOGY
73	Ms.	K.Srividhya	Assistant Professor	Sri Venkateswara College of Engineering
74	Dr.	SIRASANI SRINIVASA RAO	Associate Professor	Mahatma Gandhi Institute of Technology
75	Mrs.	BonagiriLaxmiprasanna	Assisstant professor	Balaji Institute of Technology and science
76	Mrs.	MOUNIKA BANDI	Assistant Professor	Balaji Institute of Technology & Science
77	Mrs.	P.V.VijayaDurga	Asst.Prof	Vishnu Institute of Technology
78	Dr.	S Jagadeesh	Professor	SRIDEVI WOMEN'S ENGINEERING COLLEGE
79	Mr.	R.AnandBabu	Assistant professor	E.G.S.Pillay Engineering college Autonomous
80	Mrs.	BAGYALAKSHMI. K	Assistant Professor	SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
81	Mr.	CHALLA KRISHNA RAO	Associate Professor	Aditya Institute of Technology and Management
82	Mr.	Mudapaka Satish Kumar	Assistant professor	Raghu institute of technology
83	Mr.	MadhuchandraLaxmanBhusare	Assistant Professor	Arts, science and commerce college chopdajalgaon
84	Mr.	BrahmajiGodi	Assistant Professor	Raghu Institute of Technology
85	Mrs.	Parulkhatri	Assistant professor	Orinental Institute of science and technology Bhopal MP
86	Dr.	Bazani Shaik	Associate Professor	Mother Theresa Institute of Engineering and Technology,JNTUA
87	Dr.	G.Sriram	assistant professor	Andhra University

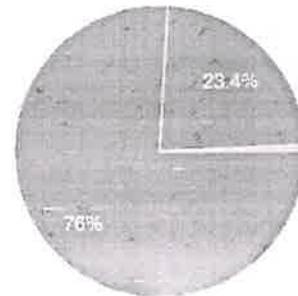
R. Sekhara
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

aw
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Head of the Department of
Computer Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

Has this programme improved your consciousness of professional ethics and norms of engineering practice?

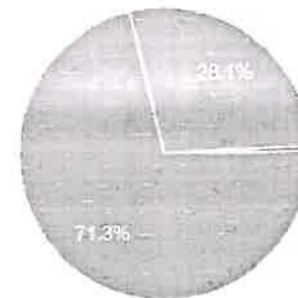
171 responses



- High
- Medium
- Low
- Not applicable

Is your ability to work in teams / groups to handle tasks enhanced?

171 responses



- High
- Medium
- Low
- Not applicable

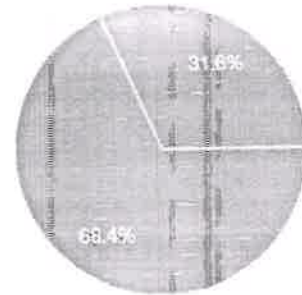
R. Seetha
Convener, IQAC
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Visakhapatnam Dist.

AN
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Head of the Department of
Computer Science & Engineering
AS
Sangivalasa-531 162
Visakhapatnam Dist.

Has the programme improved your confidence to tackle complex engineering problems?

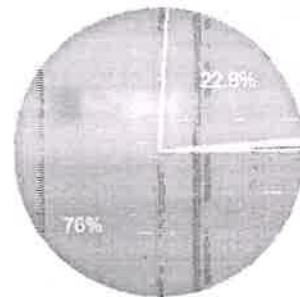
171 responses



- High
- Medium
- Low
- Not applicable

Has the event tutored you on research methods, interpretation of data and synthesis of information?

171 responses



- High
- Medium
- Low
- Not applicable

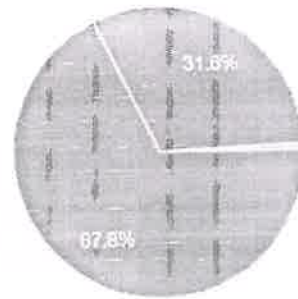
R. Subanth
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

QW
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

28/11/20
Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

Can you apply the principles learned through this programme to handle real time projects ?

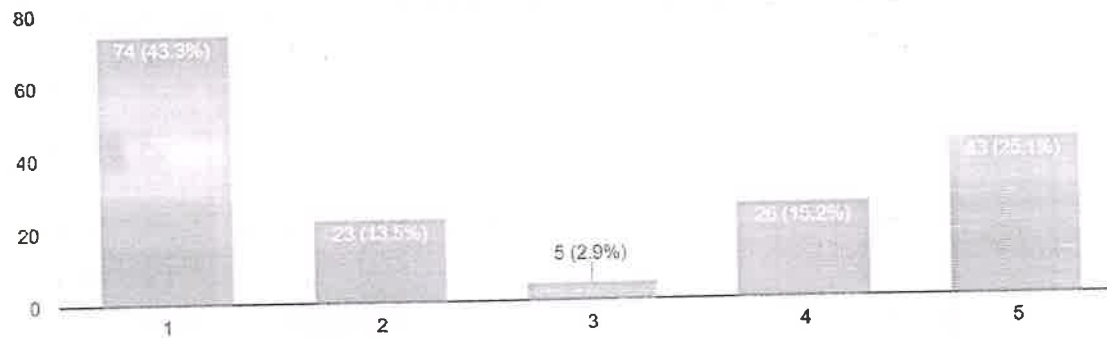
171 responses



- High
- Medium
- Low
- Not applicable

Dr.R.Padmavathi, Associate Professor, NIT Warangal

171 responses



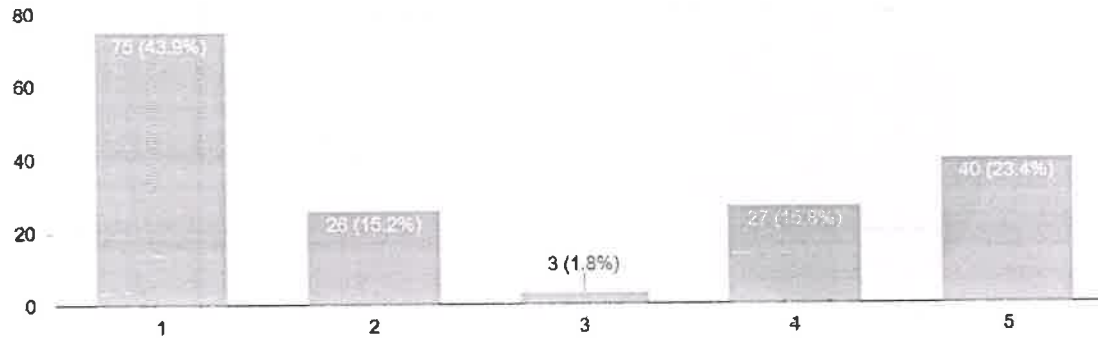
R. Seibath
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Technology & Sciences
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Visakhapatnam Dist.

AN
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist

26/5/21
Head of the Department of
Computer Aided Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

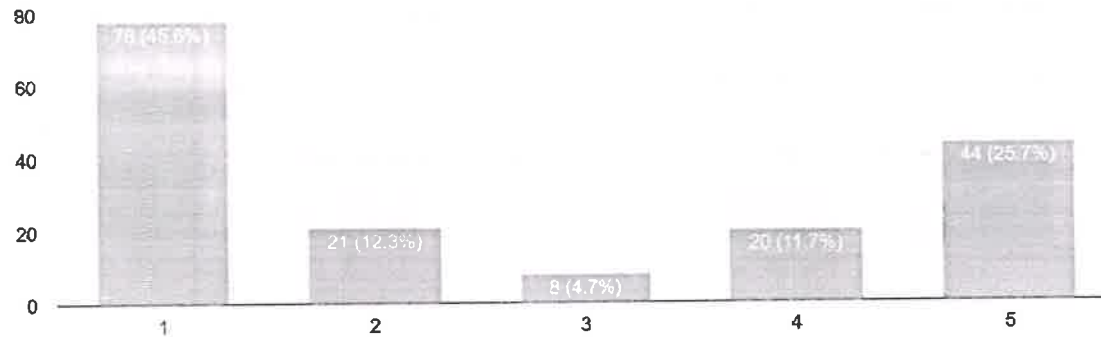
Ms. Yukti Arora and Anju ,CEO, Aumyaa Consulting Services

171 responses



Dr.P.S.Avadhani, Director, IIIT ,Agartala.

171 responses



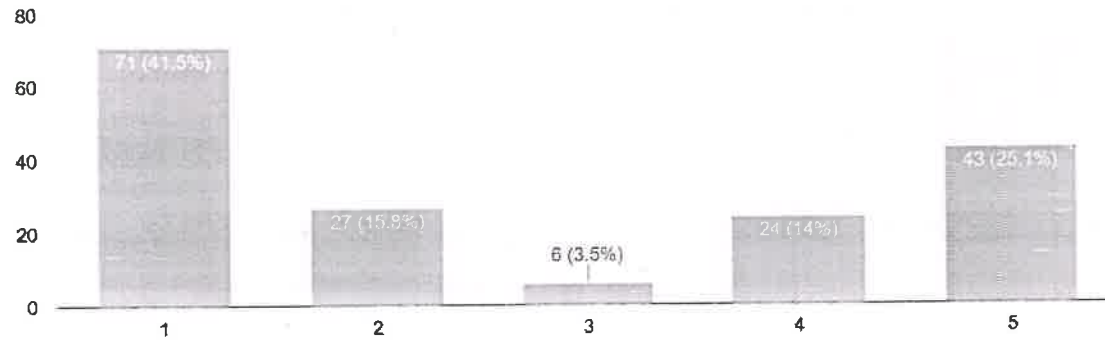
R. Seetharth
Convener, IQAC
Anil Neerukonda Institute of
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Sangivalasa-531 162
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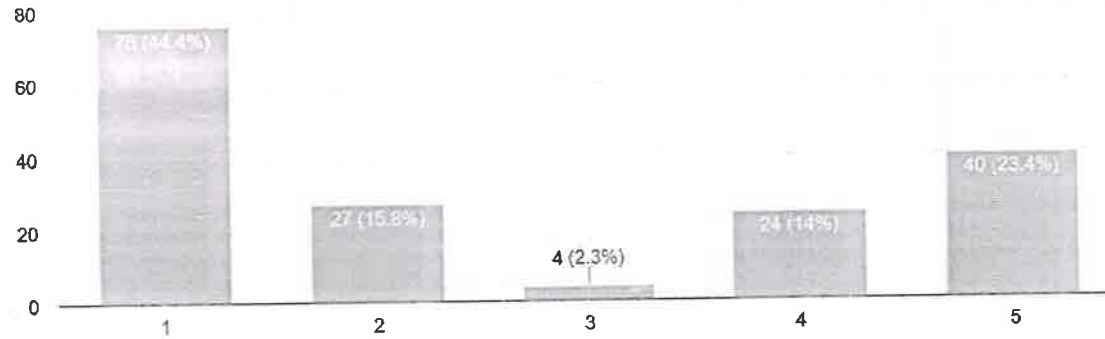
Dr.Raju Bhukya, Asst.Professor, NIT Warangal.

171 responses



Dr.N.Rukma Rekha, Associate Professor, Central University, Hyderabad.

171 responses



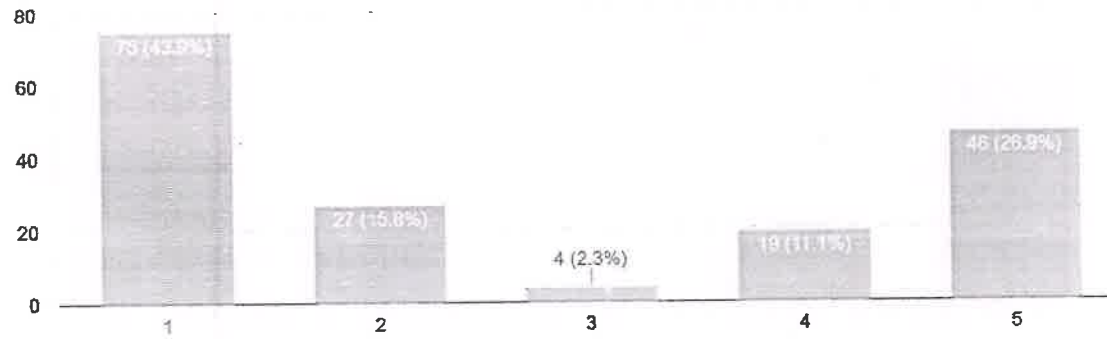
R. Seidate.
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Principal
Anil Neerukonda Institute of
Technology & Sciences
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Visakhapatnam Dist.

Head of the Department of
Computer Science & Engineering
[Signature]
9/20

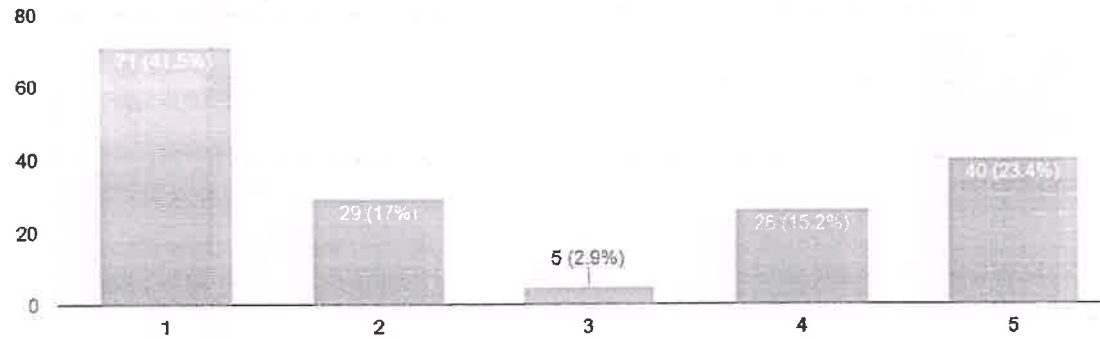
Mr.V. Srinivas Raju, Senior Consultant, MSRIT, Hyderabad.

171 responses



Dr.V.S.Naresh, Assoc.Dean (R&D), Sri Vasavi Engg. College, Tadepalligudem.

171 responses



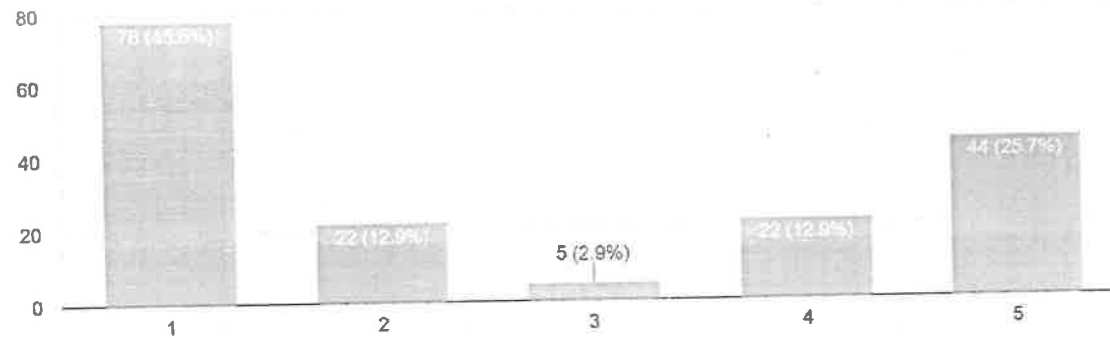
R. Srinanth
Convener, IQAC
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AN
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Sangivalasa-531 162
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26/5/11
Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

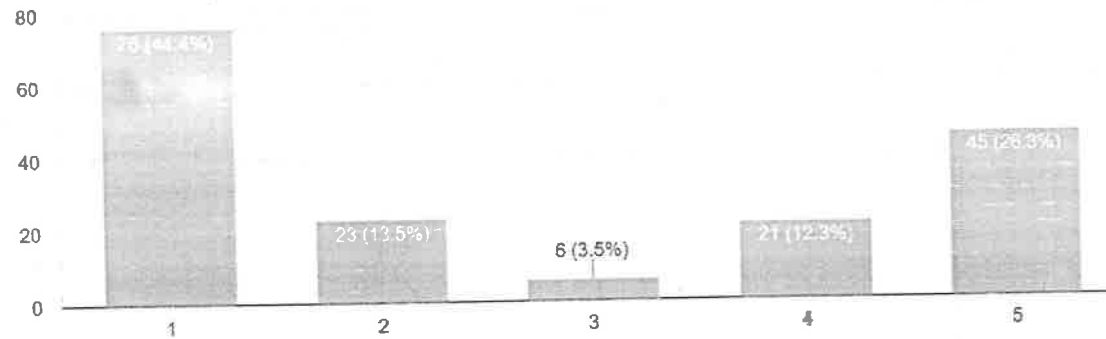
Dr.V.S.Ramesh, Director, STEPS Knowledge Services Pvt Ltd, Tamilnadu

171 responses



Mr.Bapuji Kanaparathi , CEO, Appleton Innovations Pvt. Ltd

171 responses



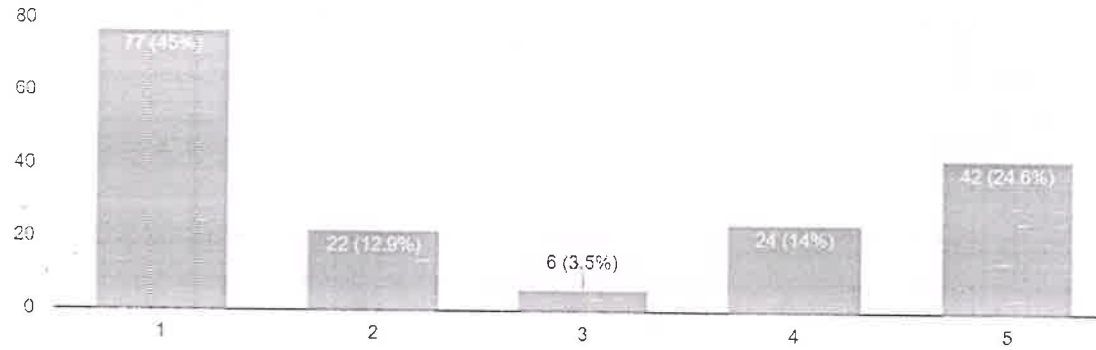
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B. J. S. J.
Head of the Department of
Computer Science & Engineering
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Dr.R.Sivaranjani, Professor, HoD, CSE, ANITS

171 responses



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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PEC REPORT

On
AICTE sponsored two week online STTP on "Privacy and Security on IoT(Phase-I)"
 27th July, 2020 - 1st August, 2020

Anil Neerukonda Institute of Technology and Sciences(ANITS), Department of CSE, has organized AICTE Sponsored one week online Short Term Training Program on "Privacy and Security in IoT(Phase - I) from 27th July, 2020 - 1st August, 2020. The STTP program received an overwhelming response from participants hailing from various institutes /colleges approved by AICTE and affiliated to universities such as JNTUs and Deemed Universities such as GITAM and KLU from across the states of Andhra Pradesh and Telangana. A total of 239 participants were short listed for the program, out of whom 216 were outstation participants and 23 were internal participants. A total of 13 resource persons handled all the sessions, in this STTP, out of whom 11 were from various premium academic institutions & industries across India and 2 were from ANITS (approved by AICTE). In order to give practical exposure, a majority of the theory sessions were followed by hands-on sessions.

This program aimed to introduce the participants to the amazing world of IoT and security and privacy aspects. IoT is the idea of making devices and objects smarter by linking them to the internet. This technology frontier (IoT), with immense engineering applications is the need of today's industry and academia. This STTP served as a platform to create awareness among participants by engaging them in all privacy and security aspects of IoT, including component, technologies, products, Application, consumer usage and societal impact. Day wise details of happenings reported as follows.

DAY 1: MONDAY 27.7.2020

Inauguration of the STTP

SESSION -1 (9.30AM-11.30AM)

Topic: Security protocols with case study of security for Distributed Machine Learning
Resource person: Dr.R. Padmavathi, Associate Professor, NIT Warangal

Mrs. G.V.Gayatri, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:


- Threats and Attacks
- Security Services
- Perfect Secrecy
- Computational Secrecy
- Chosen Plaintext Attack (CPA) secure Encryption
- Chosen Ciphertext Attack (CCA) secure Encryption
- Security for Distributed Machine Learning
- Homomorphic Encryption
- Federated Learning and Usecase

The session ended by a formal vote of thanks by G.V.Gayatri, Asst. Professor, Dept. of CSE, ANITS

SESSION -2(2PM-4PM)

Topic: Managing security and privacy risk and control in SCADA and other IoT devices
Resource persons: Ms. Yukti.Arora (CEO) & Anju Tandon, Aumyaa consulting services
Convener, IQAC

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Ms. N.Lokeswari ,Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- IoT new insights and actions
- IoT Stack
- IoT in Shipping and Ports Industry
- New Technologies widen the digital perimeter exposing factories
- Recent cyber-attacks on IoT
- Key elements of cyber security governance model

The session ended by a formal vote of thanks by Ms. N.Lokeswari, Asst.Professor, Dept.of CSE, ANITS

DAY-2: TUESDAY 28.7.2020

SESSION -3 (9.30AM-11.30AM)

Topic: Security issues in IoT

Resource person : Dr. P.S.Avadhani, Director, IIIT ,Agartala

Mrs. G.V.Gayatri ,Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Growth in Internet Connected Devices
- Authentication Methods in IoT
- Smart Medical Devices
- GNSS (Global Navigation Satellite Systems)
- Smart Home Devices
- Social Networking Services

The session ended by a formal vote of thanks by G.V.Gayatri, Asst.Professor, Dept.of CSE, ANITS

SESSION -4(2PM-4PM)

Topic: privacy and security in IoT- foundations

Resource person :Mr.V. Srinivas Raju, Senior Consultant, MSRIT,Hyderabad

Ms. N.Lokeswari ,Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Security & Privacy - Internet Of Things
- 10 IoT Security targets
- OWASP TOP 10
- AWS IoT Device Defender.
- Azure security center for IoT architecture
- Privacy policies

The session ended by a formal vote of thanks by Ms. N.Lokeswari, Asst.Professor, Dept.of CSE, ANITS

DAY-3: WEDNESDAY 29.7.2020

SESSION -5 (9.30AM-11.30AM)

Topic: Design of Security, Privacy and Trust in Blockchain based Group Key Agreements

Resource person : Dr. V.S.Naresh, Asst. Dean R&D,SriVasaviEngg. College,Tadepalligudem

Mrs. G.V.Gayatri ,Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

Security Privacy and Trust in Group Key Agreements using Blockchain Smart Contract Centric Computing

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DAY-5: FRIDAY, 31.7.2020

SESSION -9 (9.30AM-11.30AM)

Topic: Introduction to Electronic system, Embedded system basics and Peripherals required to build a system

Resource person : Mr. V.S. Ramesh, Director, STEPS Knowledge Services P Ltd, Tamilnadu

Mrs. G.V.Gayatri, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:
Procedure for configuring HTTP Protocol based IOT Application (Hands on session) Introduction to Electronic system, Embedded system basics and Peripherals required to build a system. The session ended by a formal vote of thanks by G.V.Gayatri, Asst.Professor, Dept.of CSE, ANITS

SESSION -10(2PM-4PM)

Topic: Typical Security Attacks on IoT and its remedy

Resource person : Mr.V.S. Ramesh, Director, STEPS Knowledge Services P Ltd, Tamil Nadu

Ms. N.Lokeswari, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:
Procedure for configuring MQTT Clients (Hands on session)

- MQTT BOX software needs to be installed on to laptop / Desktop
- MQTTDASH mobile app needs to be installed on your mobile (Android users)
- MQTTOOL mobile app needs to be installed on your mobile (IOS users)
- Need to create a free account in thingspeak.com

The session ended by a formal vote of thanks by Ms. N.Lokeswari, Asst.Professor, Dept.of CSE, ANITS

DAY-6: SATURDAY 1.8.2020

SESSION -11 (9.30AM-11.30AM)

Topic: Designing IoT Products: A Practical Approach

Resource person : Mr.Bapujikanaparthi, CEO, Appleton Innovations PVT.Limited

Mrs. G.V.Gayatri, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Introduction to IoT
- Remote control using IoT
- Case study Smart waste management
- MQTT protocol hands on session

The session ended by a formal vote of thanks by G.V.Gayatri, Asst.Professor, Dept.of CSE, ANITS

SESSION-12(11.30AM-12.30PM)


Topic: A Security Framework for the IoT


Resource person: Dr.R.Sivaranjani, Professor, ANITS

Mrs. G.V.Gayatri, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- IoT Introduction & Applications
- IoT Layered Architecture
- Security Issues in IoT Architecture Layers
- Security Framework in IoT

The session ended by a formal vote of thanks by G.V.Gayatri, Asst.Professor, Dept.of CSE, ANITS


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- DLP-based Protocols
- Elliptic Curve Multiple Shared Keys Exchange at a time
- Establishing secure key among 3 or more Members
- Blockchain processing for two party key agreement

The session ended by a formal vote of thanks by G.V.Gayatri, Asst.Professor, Dept.of CSE, ANITS

SESSION -6(2PM-4PM)

Topic: Security & Privacy Challenges in Blockchains

Resource person : Dr. N.RukmaRekha, Asst.Professor,CentralUniversity,Hyderabad

Ms. N.Lokeswari ,Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Building Blocks
- Block chain Architecture
- Types of Blockchain
- Consensus Algorithm
- Applications of Blockchain
- Challenges in Blockchain
- Security and Privacy Issues in Blockchain

The session ended by a formal vote of thanks by Ms. N.Lokeswari, Asst.Professor, Dept.of CSE, ANITS

DAY-4: THURSDAY 30.7.2020

SESSION -7 (9.30AM-11.30AM)

Topic: Blockchain in agriculture

Resource person : Dr. Raju Bukhya, Asst.Professor,NIT Warangal

Mrs. G.V.Gayatri ,Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Status of Indian Farmers
- How Blockchain works in supply chain
- Blockchain in Agriculture
- Making the data useful with machine learning algorithms
- Distribution of grown-up crops to the food processing companies
- Agricultural Weather Stations
- Quality Control and Food Safety
- Increased Traceability in the Supply Chain

The session ended by a formal vote of thanks by G.V.Gayatri, Asst.Professor, Dept.of CSE, ANITS

SESSION -8(2PM-4PM)

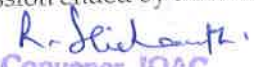
Topic: Security Trends in Pervasive Applications


Resource person : Dr. N.RukmaRekha, Asst.Professor,CentralUniversity,Hyderabad

Ms. N.Lokeswari ,Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

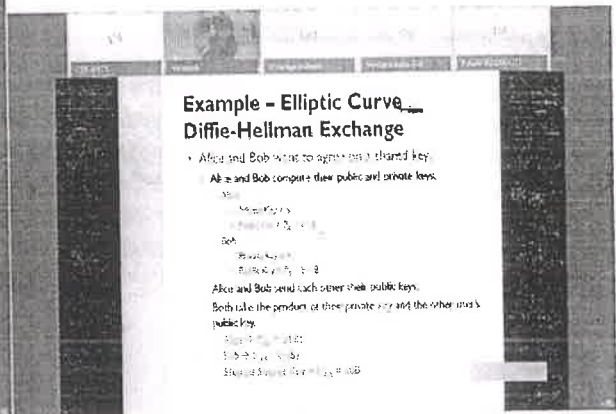
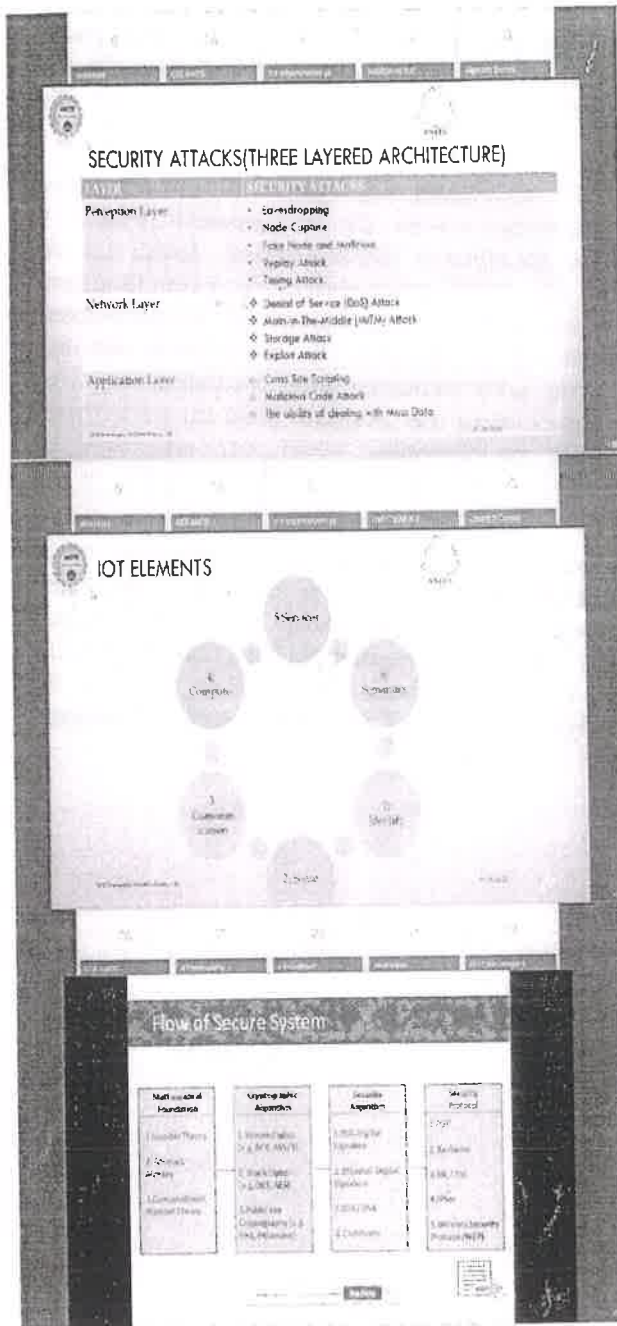
- Pervasive computing
- Application scenarios of Pervasive environment
- Cyber Crimes in Pervasive Environments
- Security Challenges in PCE

The session ended by a formal vote of thanks by Ms. N.Lokeswari, Asst.Professor, Dept.of CSE, ANITS


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Visakhapatnam Dist.

SAMPLE PHOTOS



[Signature]
Prof. T.V. Hanumantha Rao

Chairperson

[Signature]
Dr. P. Padmaja

Member

[Signature]
Dr. M. Rama Krishna Murthy

Professor, CSE (subject Expert)

[Signature]
Convener, IQAC
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Visakhapatnam Dist.

[Signature]
Head of the Department of
Computer Science
And Information Technology
Sangivalasa

Dr. Sivarajani Reddi

Member Secretary

[Signature]
Dr. V. Rajya Lakshmi

Member

[Signature]
Principal
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Sangivalasa-531 162
Visakhapatnam Dist.

VALEDICTORY: 1.8.2020 (12.30 PM)

During the valedictory ceremony, Prof. T.V.Hanumantha Rao ,principal ANITS and chair person joined as the chief guest, Dr. sivaranjani.Reddi ,ANITS coordinator of the program along with Co-Coordinator Dr. M.Ramakrishna Murthy and Dr. J.Hyma, and program coordinators Mrs. G.V.Gayatri and Ms. N.Lokeswari.

Dr. Sivaranjani.Reddi ,HoD-CSE, coordinator of the STTP welcomed, chief guest of the valedictory function ,all dignitaries and delegates present during valedictory session. On this occasion , Prof. T.V. Hanumantha Rao in his message appreciated Program coordinator Dr.Sivaranjani. Reddi for the successful organization of STTP. Further, he appreciated the ANITS management for promoting such development programmes for faculty members. Dr. Sivaranjani. Reddi congratulated all the participants for attending the STTP and informed that the certificates will be issued to the participants who has maintained 70% attendance and 50% score in the quiz going to be conducted after the valedictory. Mrs. G.V Gayathri and Ms. N.Lokeswarihas collected the feedback about the program from the participants. Finally, Dr.J.Hyma. Co-coordinator concluded the STTP with vote of thanks.

EVALUATION: 1.8.2020 (1PM)

On 6th date of the program, a quiz exam was conducted to check the knowledge of the participants. Out of the 239 participants, 141 were successful in the test. The certificate was awarded to the participants whose score is minimum 20 out of 40 marks along with the attendance of 9 sessions out of 12 sessions. The quiz exam questions were approved by the PEC comprising of Prof. T.V.Hanumantha Rao(Chair person),Dr. Sivaranjani. Reddi(HoD-CSE & Member secretary), Dr. V.Rajya Lakshmi, (HoD-ECE & Member), Dr. P.Padmaja(HoD-IT & Member), Dr.M.Ramakrishna Murthy(Professor, CSE (Subject Expert) & Member).

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INVITATION

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CORDIALLY INVITES YOU TO THE

Inaugural Ceremony of

AICTE SPONSORED

ONE WEEK ONLINE SHORT TERM TRAINING PROGRAM ON
PRIVACY AND SECURITY IN IOT (PHASE - II)

Date : 5th October 2020, 9:00 AM

CHIEF GUEST

Dr. Y. V. Srinivasa Murthy,
Senior Assistant Professor, VIT.

IN THE PRESENCE OF

Prof. T. V. Hanumantha Rao,
Principal, ANITS (A).

COORDINATOR

Dr. R. Sivaranjani,
Prof. and HoD, CSE, ANITS.

R. Sivaranjani
Convener, IQAC
Anil Neerukonda Institute of
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COORDINATOR

Dr. Kurumada Suresh
Dr. Kurumada Suresh
Asst. Prof., CSE, ANITS

Dr. R. Sivaranjani
Principal
Department of
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of
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Date : 5th October 2020, 9:00 AM

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Dr. Y.V. Srinivasa Murthy,
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IN THE PRESENCE OF

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Principal, ANITS (A).

COORDINATOR

Dr. R. Sivaranjani,
Prof. and HoD, CSE, ANITS.

CO-COORDINATORS

Dr. K. Selvani Deepthi,
Assoc. Prof., CSE, ANITS

Dr. Kurumalla Suresh,
Asst. Prof., CSE, ANITS

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AICTE sponsored One Week Online STTP on Privacy & Security in IoT (Phase - II)

Inaugural Schedule

- 9:00 AM Inviting the guests
Mrs.S.V.S.S.Lakshmi,
Assistant Professor,CSE, ANITS.
- 9:02 AM Prayer Song
Sushma Gorsa, 4/4 CSE, ANITS.
- 9:05 AM Address by
Dr.K.Selvani Deepthi,
(Co-coordinator)
Associate Professor, CSE, ANITS.
- 9:10 AM Address by
Dr.K.Suresh,
(Co-coordinator)
Assistant Professor, CSE, ANITS.
- 9:15 AM Address by
Dr.R.Sivaranjani,
(Coordinator)
Professor & HoD, CSE, ANITS.
- 9:20 AM Address by Chief Guest
Dr.Y.V.Srinivasa Murthy,
Senior Assistant Professor, VIT.
- 9:25 AM Vote of Thanks
Mrs.S.S.N.L.Priyanka,
Assistant Professor, CSE, ANITS.
- 9:30 AM Technical Session Continues

R. Seidhaith
9:30 AM
Convener, IQAC
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**STTP on PRIVACY AND SECURITY in IoT
PROGRAMME SCHEDULE (Phase-II)**



9.00AM TO 9.30 AM Inauguration of the STTP		
DAY-1 MONDAY 5.10.2020	SESSION -1 (9.30AM-11.30AM) Dr.Y.V.Srinivasa Murthy Senior Asst.Professor, VIT	SESSION -2(2PM-4PM) Dr. Gowtham Reddy Asst. Professor, NIT ANDHRA PRADESH
DAY-2 TUESDAY 6.10.2020	SESSION -3 (9.30AM-11.30AM) Prof. D.Lalitha Bhaskari, Professor, Andhra University	SESSION -4(2PM-4PM) Dr. V.S.Naresh, Asst. Dean R&D, Sri Vasavi Engg. College,Tadepalligudem
DAY-3 WEDNESDAY 7.10.2020	SESSION -5 (9.30AM-11.30AM) Prof. Korra Sathya Babu, Ph.D, M. Tech., Asst. Professor, NIT Rourkela	SESSION -6(2PM-4PM) Dr. Tarachand, Asst.Professor, IIT,Dhanbad
DAY-4 THURSDAY 8.10.2020	SESSION -7 (9.30AM-11.30AM) Dr. Vijay Bhaskar Semwal, Asst. Professor,MANIT, Bhopal	SESSION -8(2PM-4PM) N.Viswanadham , Emeritus Professor & INSA Honorary Scientist, Computer Science and Automation, Indian Institute of Science
DAY-5 FRIDAY 9.10.2020	SESSION -9 (9.30AM-11.30AM) Mr. B.Ramji Senior Technical Architect, Machint solutions	SESSION -10(2PM-4PM) Mr. B.Ramji/Dr.Sivaranjani. Reddi Senior Technical Architect, Machint solutions
DAY-6 SATURDAY 10.10.2020	SESSION -11 (9.30AM-11.30AM) Dr Gaurav Singal, Asst.Professor Bennett University, Greater Noida	SESSION-12(11.30AM- 12.30PM) Dr. Vaibhav sony,Asst.Professor MANIT, Bhopal
		Valedictory followed by online QUIZ (1 Hour)

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Dr.Sivaranjani.Reddi
Dr. S. S. Srinivasan
Co-Ordinator
Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

HOD

**POST PROGRAMME REPORT (PPR) OF AICTE sponsored two week
Online STTP
ON
Privacy and Security in IoT(Phase-II)
(To be submitted within a month after completion of each programme)**

Name & Address of Programme : Privacy and Security in IoT
Anil Neerukonda Institute of Technology and Sciences
(ANITS) (UGC Autonomous), Sangivalasa, Bheeminipatnam,
Visakhapatnam, AP-531162

1. Implementing Agency: AICTE Sponsored
a. (with Tel/ Fax /E-mail)
2. Programme Location : Anil Neerukonda Institute of Technology and Sciences
i. (ANITS) (UGC Autonomous), Sangivalasa,
Bheeminipatnam, Visakhapatnam, AP-531162
3. Programme Date : From 5th October 2020 to 10th October, 2020
4. Name of the Coordinator : Dr. Sivaranjani.Reddi
5. Methods adopted to promote the programme: (Please Tick)
(Provide Documented Evidence)
a. Pamphlets/Broacher News paper Advertisement
b. Posters/Hand Bills Other (Please Specify)
6. No. of candidate completed the : 87 (Male 39 Female 48) programme
successfully
7. List of participants : ANNEXURE -I
8. Program schedule : ANNEXURE - II
9. List of resource persons : ANNEXURE -III
10. Participant's feedback : ANNEXURE -IV
11. Certificate Template : ANNEXURE -V
12. List of participants completed
Successfully : ANNEXURE -VI
13. Sample Photos : ANNEXURE -VII

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ANNEXURE – III

LIST OF FACULTY

Sl. No.	Name and Address	Designation	Organisation
1.	Dr.Y.V.Srinivasa Murthy	Senior Asst.Professor	VIT
2.	Dr. Gowtham Reddy	Asst. Professor	NIT ANDHRA PRADESH
3.	N.Lokeswari	Asst. Professor	ANITS
4.	Prof. D.LalithaBhaskari	Professor	Andhra University
5.	Prof. KorraSathyaBabu	Asst. Professor	NIT Rourkela
6.	Dr. V.S.Naresh	Asst. Dean R&D	Sri VasaviEngg. College,Tadepalligudem
7.	Dr. Tarachand	Asst.Professor	IIT,Dhanbad
8.	Dr. Vijay BhaskarSemwal	Asst. Professor	MANIT, Bhopal
9.	N.Viswanadham	Emeritus Professor & INSA Honorary Scientist	Computer Science and Automation, Indian Institute of Science
10.	Dr.R.Sivaranjani	Professor	ANITS
11.	Mr. B.Ramji	Senior Technical Architect	Machint solutions
12.	Dr Gaurav Singal	Asst.Professor	Bennett University, Greater Noida
13.	Dr. Vaibhavsoni	Asst.Professor	MANIT, Bhopal

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26/5/21
Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

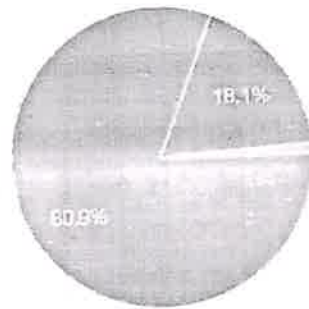
ANNEXURE – IV

STTP ON "PRIVACY AND SECURITY IN IOT" ON 05-10-2020 TO 10-10-2020

Program OutcomeFeedBack

Has the program improved the technical knowledge of the subject it is intended for?

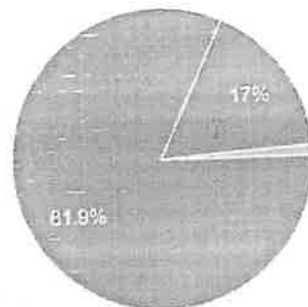
94 responses



- High
- Medium
- Low
- Not applicable

Has it improved your analytical/computational skills

94 responses



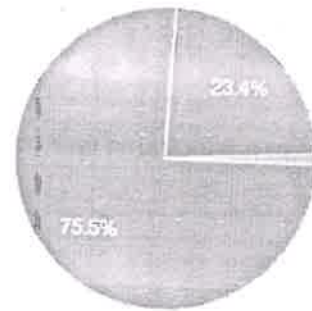
- High
- Medium
- Low
- Not applicable

Department of
Information Technology
& Services
Sangivalasa, Visakhapatnam Dist.

R. Subanth
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Principal
Anil Neerukonda Institute of
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Sangivalasa-531 162
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Has the programme improved your confidence to tackle complex engineering problems?
94 responses



- High
- Medium
- Low
- Not applicable

Has the event tutored you on research methods, interpretation of data and synthesis of information?
94 responses



- High
- Medium
- Low
- Not applicable

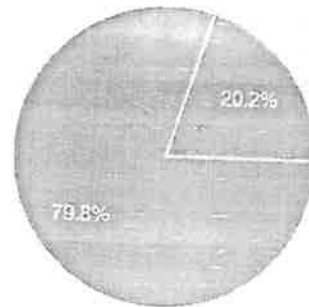
R. Subramanian
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Sangivalasa-531 162
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20/5/20
Head of the Department of
Engineering
Sangivalasa, Visakhapatnam Dist.

Has this programme improved your consciousness of professional ethics and norms of engineering practice?

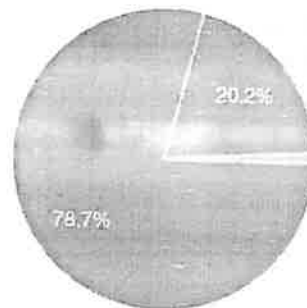
94 responses



- High
- Medium
- Low
- Not applicable

Is your ability to work in teams / groups to handle tasks enhanced?

94 responses



- High
- Medium
- Low
- Not applicable

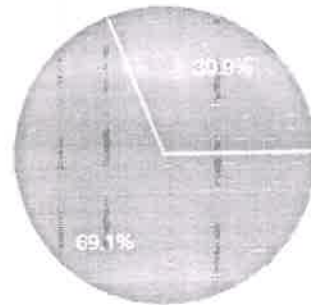
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Can you apply the principles learned through this programme to handle real time projects ?

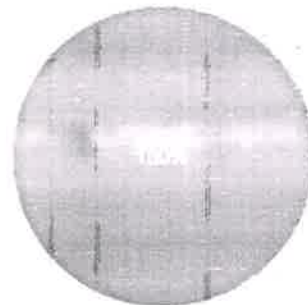
94 responses



- High
- Medium
- Low
- Not applicable

Did the Program meet your expectations?

94 responses



- Yes
- No

R. Jeyanthi
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ANNEXURE - I

LIST OF PARTICIPANTS

SI. N O	Name of the participant	Designation	Experience	Name of the Institute	Male/ Female	Phone No
1	KasichainulaVydehi	Senior assistant professor	6	Aditya Engineering College	Female	8790112092
2	PASUPULETI L P BHARATI	Assistant professor	3	Aditya Engineering College	Female	9391399989
3	V ASHOK GAJAPATHI RAJU	Asst.Professor	10 years	Aditya Institute of Technology and Management	Male	9966448465
4	GaliNageswara Rao	Professor	19	Aditya Institute of Technology and Management	Male	9440758550
5	LENKA VENKATA SATYANARAYANA	ASSISTANT PROFESSOR	10	ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT,TEKKALI	Male	9441341589
6	MOHAMMED ALISHA	Associate Professor	14	AIMS COLLEGE OF ENGINEERING	Male	9177007473
7	PANDURANGA VITAL TERLAPU	Associate professor	22	AITAM	Male	6304565698
8	KAKANI RAMYASREE	LECTURE	1	ANDHRA LOYOLA COLLEGE	Female	8985342492
9	SANDHYARANI. AMARLAPUDI	Lecturer	5	Andhra Loyola College	Female	9705019007
10	G. Sriram	Assistant professor	15	Andhra university	Male	8801717646
11	JANA BHASKARA RAO	Assistant professor	10	Anil Neerukonda Institute of Technology & Sciences	Male	9948581434
12	LokeswariNambaru	Assistant Professor	4	Anil Neerukonda Institute of Technology & Sciences	Female	9010563638
13	KANDA CHANDUSHA	Assistant professor	2.5	Anil neerukonda institute of technology and science	Female	9949228345
14	V.Annapoorna	Assistant Professor	8	Anil Neerukonda Institute of Technology and Sciences	Female	9885360144
15	BAMMIDI DEEPA	Assistant professor	12years	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	Female	9502191391
16	JAGADISH GURRALA	Assistant Professor	16	Anil Neerukonda Institute of Technology and Sciences	Male	9441345914
17	K.SELVANI DEEPTHI	ASSOCIATE PROFESSOR	13	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	Female	9440187827
18	SIRASAPALLI JOSHUA JOHNSON	ASSISTANT PROFESSOR	5	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	Male	9573382650
19	AmaravathiKaviti	Assistant Professor	5.2 years	ANITS	Female	9493277988
20	GULLAPALLI SATHAR.	Assistant Professor	5	ANITS	Male	9000451770
21	S.S.N.L.PRIYANKA	Assistant professor	3	ANITS	Female	9652266927
22	KURUMALLA SURESH	Assistant Professor	13	ANITS	Male	9951415559
23	G V ESWARA RAO	Assistant Professor	8	ANITS	Male	8332961961
24	S V S S LAKSHMI	Assistant Professor	11	ANITS	Female	9505855845

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25	ALEKYA VALE	Assistant Professor	5 years	ANITS	Female	7793939269
26	G V Gayathri	Assistant Professor	10	ANITS	Female	9908216500
27	Dr.M.RekhaSundari	Associate Professor	12	ANITS	Female	9848375001
28	B Siva Jyothi	Assistant Professor	3	ANITS	Female	9032992384
29	GADDE PRANITHA	Assistant professor	9.5	Anits	Female	9177755811
30	Hyma J	Associate Professor	15	ANITS Engg college	Female	9490708388
31	Malla Ramakrishna Murty	Professor	20	AnitsEngg College	Male	8341831081
32	GOWRIPUSHPA GEDDAM	Asst.professor	10	Anits engineering college	Female	8519892529
33	V.Suresh	Assistant Professor	26	ANITS, VISAKHAPATNAM, ANDHRA PRADESH	Male	9912880364
34	RambabuAtmakuri	Assistant professor	14	Anurag college of engineering	Male	09912064540
35	Dr.B.AnjaniKumari	Assistant Professor	8 years	ASD Govt.Degree College for Women (A)	Female	9000254068
36	Vasudeva Rao A	Asst.Professor	10	AVANTHI INSTITUTE OF ENGINEERING &Technology	Male	8328180277
37	Kavithachekuri	Assistant professor	6	Avanthi institute of engineering and technology	Female	7386547446
38	KESAVARAO SEERAPU	Assistant Professor	8	Avanthi Institute of Engineering and Technology, Vizianagaram	Male	8499002256
39	KIRAN KUMAR VANAPALLI	Asst Professor	3years	Avanthi's St. Theresa Institute of Engineering & Technology	Male	9866569106
40	KummariJayashree	Assistant Professor	12	Balaji Institute Of Technology & Science	Female	9052971955
41	JAMPALA CHAITANYA	Assistant professor	4	BALAJI INSTITUTE OF TECHNOLOGY &SCIENCE	Male	9553065105
42	KARTHIK KUMAR VAIGANDLA	Assistant Professor	11	Balaji Institute of Technology and Science	Male	9849257701
43	Asiya	Assistant professor	4.6	Balaji Institute of technology and science	Female	9618601813
44	Mr JAYARAM BOGA	Asst professor	12	BALAJI INSTITUTE OF TECHNOLOGY AND SCIENCE	Male	9959284620
45	RAMAKANTH KOMATI	Assistant Professor	05	BALAJI INSTITUTE OF TECHNOLOGY AND SCIENCE	Male	9912378845
46	BonagiriLaxmiprasanna	Assistant professor	3	Balaji Institute of Technology and Science	Female	8008723850
47	MADHULATHA PULIVARTHI	Assistant professor	10yrs	Bapatla college of pharmacy	Female	9494152677
48	KARUMANCHI ARUN BABU	Asst.professor	9years	Bapatla Engineering College	Male	7981420109
49	K.Linofathimachinna Rani	Assistant professor	5	Bishop Heber college	Female	9994726714
50	Latha H N	Assistant Professor	14	BMS College of Engineering	Female	8296390933
51	B P N Madhu Kumar	Associate Professor	16	BonamVenkataChalamayya Engineering College (A)	Male	9391552155
52	BodapatiNarasimha Rao	Associate Professor	8	BVC Engg. College,Odalarevu	Male	7702060963
53	B Satyanarayana Murthy	Associate Professor	15	BVC ENGINEERING COLLEGE	Male	9493276456

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54	AdapaDurgaMadhuri	Associate professor	17	BVC Engineering College Autonomous	Female	6281277252
55	NarasimhaiahPolu	Assistant Professor	19	CBIT	Male	9985663801
56	GOPIREDDY SREENIVASA REDDY	Associate Professor	25	Chaitanya Bharathi Institute of Technology	Male	9948808818
57	G RAMASUBBA REDDY	Associate Professor	13	Chaitanya Bharathi Institute of Technology	Male	9705750072
58	ARUMALLA NAGARAJU	Assistant Professor	9.3 years	Chalapathi Institute of Engineering and Technology	Male	9985535135
59	RAJESH KATRAGADDA	Asst.Prof.	7	Chalapathi Institute of Engineering and Technology Guntur	Male	9885963630
60	SAI SRINIVAS VELLELA	Asst.Professor	11	CHALAPATHI INSTITUTE OF TECHNOLOGY	Male	9959956995
61	V Krishna Pratap	Assistant professor	9	Chalapathi institute of technology	Male	9985678943
62	Suraya mubeen	Associate professor	13	CMR technical campus	Female	9908684182
63	Raghava M	Professor	19	CVR College of Engineering	Male	9848096238
64	P.Ashwini	Assistant Professor	7	CVR College of Engineering	Female	08801443328
65	P. VenkataLakshamma	Lecturer in Physics	2 years	D. K. Govt. College for Women (A), Nellore	Female	9912793153
66	VISWANADHAREDDY N	ASSISTANT PROFESSOR	10 YEARS	DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Male	9849582104
67	Komalikalla	Assistant professor	6 yrs	Dadi institute of engineering & technology	Female	07286049067
68	SUJATHA THULAM	Assistant Professor	13	Dadi Institute of Engineering and Technology	Female	9966945255
69	Kasireddy Sai Kiran	Faculty	2	DadiVeerunaidu Degree College , AnakapalliVishakapatnam	Male	+919966663721
70	H B GOSWAMI	Professor	10	DIATM	Male	+919434739197
71	G.Vamsi Krishna	Assistant Professor	7	Dr.LankapalliBullayya Engineering college for women	Male	9491195444
72	VENUGOPAL CHETUKURI	Assistant Professor	7 Years 7 Months	Ellenki College of Engineering and Technology	Male	09492856381
73	Nadimir.tiVenkataRamanaMurty	Associate Professor	21	Engineering and Technology Program of Gayatri Vidya Parishad College for Degree and PG Courses (A)	Male	8501815039
74	Dr V RAMESH NAIK	Assistant Professor	10	GATES INSTITUTE OF TECHNOLOGY	Male	7396715596
75	A.S.Lalitha	Assistant professor	9	Gayatri Vidya Parishad College of engineering (A)	Female	90009490440
76	Dr.B.Jaya Lakshmi	Associate Professor	15	Gayatri Vidya Parishad College of Engineering (A)	Female	9440084015
77	SrinuBevara	Assistant Professor	9	Gayatri Vidya Parishad College of Engineering (Autonomous)	Male	9966254699
78	M. Bhanu Sridhar	Associate Professor	15	Gayatri Vidya Parishad College Of Engineering for Women	Male	9490458740
79	DeepthiMarada	Assistant Professor	8	Gayatri Vidya Parishad College of Engineering for Women	Female	7675813609
80	SuneethaKandepi	Assistant Professor	11	Gayatri Vidya Parishad College of Engineering for Women	Female	9963933199

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81	KUPPILI NAVYANI SATYA CHITRA	Assistant Professor	3.8 yrs	Gayatri Vidya Parishad College of Engineering for Women	Female	8500265574
82	V Gowtami Annapurna	Assistant Professor	3	Gayatri Vidya Parishad College Of Engineering for Women	Female	9701579353
83	Y.Nagarathnamma	Asst. Professor	2 years	GCW GUNTUR	Female	8374210309
84	Sharmila rani jetti	Assistant professor	11	Gdc(men) srikakulam	Female	8341548582
85	Anneda Chandrakala	Assistant professor	4	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY	Female	9550460205
86	Ms. Goutham Swapna	Assistant Professor	6	Geethanjali College of Pharmacy	Female	9154239798
87	Rasmitapanigrahi	Asst. Prof.	9	Giet university gunupur	Female	7978641510
88	Dr.NeelamadhabPadhy	Associate professor	17	GIET University Gunupur	Male	7978557037
89	GURUGUBELLI V S NARAYANA	Assistant Professor	7.5	GIET UNIVERSITY GUNUPUR RAYAGADA ORISSA STATE	Male	9676560632
90	BANGARU LAKSHMI MAHANTHI	Assistant professor	11	GITAM UNIVERSITY	Female	07702656330
91	Dr.B.Santhosh Kumar	Sr.Assistant Professor	16	GMR Institute of Technology	Male	9843622130
92	PalakolluSrinivasa Rao	Assistant Professor	3.5	GMR INSTITUTE OF TECHNOLOGY	Male	9553976007
93	Panigrahi Srikanth	Assistant Professor	2	GMR Institute of Technology	Male	8099136324
94	RAMACHANDRO MAJJI	Asst. Professor	12	GMR INSTITUTE OF TECHNOLOGY	Male	9000267038
95	Dr. Aditya Kumar Sahu	Assistant professor	12 + years	GMRIT	Male	9439336373
96	GosalaSekharBabu	Assistant Professor of Mathematics	7	Government College (Autonomous) Rajahmundry	Male	08639720690
97	Suneel Kumar Duvvuri	Assistant Professor	7	Government College Autonomous Rajahmundry	Male	7093455510
98	MORAM SUNIL KUMAR REDDY	LECTURER	10	GOVERNMENT COLLEGE FOR MEN	Male	7659955402
99	D MEENAKSHI	Lecturer	2	Government Degree College Tiruvuru	Female	8639596405
100	N. Sivaparvathi	Lecturer	25 years	Govt. College for Men (A), Kadapa	Female	9000067168
101	KONDURU KRANTHI KUMAR	Assistant professor	07	Gudlalleru engineering college	Male	9985372152
102	N S SATYANARAYANA YEEMANI	Assistant Professor	5	Gudlalleru Engineering College	Male	9121748394
103	MELAM NAGARAJU	Assistant Professor	13	Gudlalleru Engineering College	Male	9912168855
104	CH.Venkateswara Rao	Assistant Professor	4 years	Gudlalleru Engineering College	Male	9494946906
105	NIKITA KASHYAP	ASSISTANT PROFESSOR	04	Guru Ghasidas Vishwavidyalaya (Central University), Bilaspur (C.G.)	Female	7828815656
106	Yaragani Sowmya	Assistant professor	4	Gvp college of engineering for women	Female	9491115023
107	CH SRIKANTH VARMA	Assistant Professor	9	GVPCE AUTONOMOUS	Male	9948083176
108	SHARMILI NUKAPEYI	Assistant professor	14yrs	Gvpcew	Female	+919491103593

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109	Sharda Prasad Patel	Assistant Professor	16	Gyan Ganga Institute of Technology and Sciences, Jabalpur	Male	8889312119
110	SOWMIYA.R	Assistant Professor	3	IFET college of engineering	Female	8220787969
111	Niroj Kumar Pani	Assistant Professor	7	Indira Gandhi Institute of Technology, Sarang	Male	9439800558
112	RajasekharGorthi	Assistant Professor	14	J.B.Institute of Engineering and Technology	Male	9490232052
113	REDNAM S S JYOTHI	Assistant Professor	9years	Jntuk-University College of Engineering Vizianagaram	Female	9295022777
114	S.sathishkumar	Professor	15	Joginpally B.R. Engineering College	Male	09994883612
115	Nilam N Ghuge	Professor	22	JSPM's BHIVARABAI SAWANT INSTITUTE OF TECHNOLOGY & RESEARCH	Male	9922999558
116	Dr.ParulS.Arora	Associate Professor	19	JSPMs Imperial college of Engineering and Research	Female	9011887666
117	SONALI APPASAHEB PATIL	assistant prof	11	JSPM'S JSOE PUNE	Female	08308885446
118	Sri Lakshmi Manchala	Assistant Professor	9	K L University	Female	9966221635
119	Josephina Paul	Assistant Professor	14	KCAET, Tavanur	Female	9656087548
120	CHAVALI SITA KAMESWARI	ASST.PROF	20	KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY	Female	9966800037
121	Anila M	Assistant Professor	10	KoneruLakshmaiah Education Foundation	Female	9502378201
122	MURALIDHARAN J	Associate Professor	11	KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY	Male	9944032043
123	PULLAIAH PINNIKA	Assistant professor	5	Krishna Chaitanya institute of technology and sciences markapur	Male	9989268090
124	P AJAY KUMAR REDDY	ASSISTANT PROFESSOR	8	Kuppam Engineering College	Male	9951340210
125	J KALPANA	LECTURER IN CHEMISTRY	8	KVR GOVERNMENT COLLEGE FOR WOMEN (A) KURNOOL	Female	7386308749
126	RADHIKA PANDYA	ASSISTANT PROFESSOR	10	L. M. COLLEGE OF PHARMACY	Female	9979533482
127	Dr.Jayasrikotti	Professor	14	Lendi Institute of engineering & technology	Female	9490223240
128	SubhalaxmiAnnareddi	Assistant professor	11	Lendi institute of engineering and technology	Female	7893944801
129	Dr SITARATNAM GOKURUBOYINA	Associate professor	6	Lendi Institute of engineering and technology	Female	8688977120
130	SANGEETA PALO	Assistant Professor	4	LENDI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Female	9390381413
131	Injamala Rajesh Kumar	HOD	8	Lenora collage of Engineering	Male	08985863668
132	Dr T.K.ShaikShavali	Professor	25	Lords Institute of Engineering and Technology	Male	9849133973
133	Gnanavel. V. K.	Associate Professor	21	M N M Jain Engineering Ccllege	Male	7010004781
134	Vivekananda G N	Assistant Professor	7	Madanapalle Institute of Technology & Science	Male	9052307088
135	KATTAMURI SANTOSH JHANSI	ASSISTANT professor	10+	MAHARAJA VIJAYARAM GAJAPATHI RAJ COLLEGE OF ENGINEERING	Female	9963340780
136	DASARI VENKAT REDDY	Professor	24	Mahatma Gandhi institute of technology	Male	9848475343

166	Ch. Chakradhara Rao	Assistant Professor	10	Raghu Engineering College	Male	8328438043
167	P. Susan Lalitha Grace	Assistant Professor	7 months	Raghu Engineering College	Female	8106775743
168	P. Sharon Priya Harika	Assistant Professor	0	Raghu Engineering College	Female	9573213317
169	ThangaRevathi S	Assistant Professor	10	Rajalakshmi Engineering College	Female	9940567047
170	AbdurRahamanSardar	Assistant Professor	12 Years	RamkrishnaMahato government engineering college, Purulia, West Bengal	Male	9143078516
171	N.Rajalaxmi	Assistant professor	5	Rbvrrwomens college	Female	8897160502
172	LakshmiPrasanna.B	Assistant Professor	9	RBVRR Women's College	Female	8555876273
173	VeeramreddyRajasekhar	Assistant Professor	10	Rise Krishna Sai Prakasam Group of Institutions	Male	9704625345
174	Kishankumar	Associo.professor	15	Ritam RAYAGADA Orissa	Male	9439934972
175	Srinivasulu Reddy	Professor	20	S V College of Engineering	Male	09440076900
176	Pradyumna Kumar Ratha	Assistant Professor	10	Sambalpur University of Information Technology	Male	08249557744
177	Khodke Harish Eknath	Assistant Professor	13	Sanjivani College of Engineering,Kopargaoon	Male	9890156722
178	SRIKANTH DURGAM	Asst prof	8	SanketikavidyaParishadengg college	Male	9059767119
179	G V LAKSHMI NARAYANA	Assistant Professor	10	SASI INSTITUTE OF TECHNOLOGY AND ENGINEERING	Male	9014067149
180	NANDIGAM SIVA SATYA ROJA RANI	Assistant professor	5	SASI institute of technology and engineering	Female	7386327836
181	HariharanKalyanaraman	Assistant professor	9yrs 2 months	Sastra Deemed university	Male	9952193299
182	MANIKANDAN RAMACHANDRAN	ASSISTANT PROFESSOR	20	SASTRA DEEMED TO BE UNIVERSITY	Female	8667872608
183	Ramya S	Assistant Professor	15 Years	SASTRA Deemed University	Female	8825651577
184	RAJKUMAR, K	Senior Assistant Professor	14.5 years	SASTRA Deemed University	Male	9944003404
185	Sujihelen	Assistant Professor	15	Sathyabama Institute of Science and Technology	Female	9488389936
186	M. Madhu Babu	Assistant Professor	5	Satya Institute of Technology and science	Male	9032389872
187	Dr.C.SENTHILSINGH	Professor	18	SHADAN WOMEN'S COLLEGE OF ENGINEERING AND TECHNOLOGY	Male	6380424648
188	Pavan Kumar Vadrevu	Assistant Professor	10.8	Shri Vishnu Engineering College for Women(A)	Male	8106749820
189	VIHARI GULIPALLI	Assistant Professor	7	Sir C R Reddy College of Engineering	Male	9052190600
190	Mr.B.R.AMBEDKAR KOTA	LECTURER	10 years	SKVT DEGREE COLLEGE	Male	9951682237
191	SYED AZAHAD	Assistant Professor	20	SPHOORTHY ENGINEERING COLLEGE	Male	8639128482
192	RACHA SREEDHAR	ASSISTANT PROFESSOR	17 years	SRI DEVI WOMEN'S ENINEERING COLLEGE	Male	9700161972
193	Dr. K. Rama Abirami	Associate Professor	9.2	Sri Krishna College of Engineering and Technology	Female	9791963083
194	BAGYALAKSHMI	Assistant Professor	11	SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY	Female	9965517306
195	JAYAVARDHANARAO	Assistant Professor	10	SRI SIVANI COLLEGE OF ENGINEERING	Male	9494691961

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196	N V Muralikrishna Raja	Assistant Professor	9	Sri Vasavi Engineering College	Male	9666672756
197	GokavarapuSriramganesh	Assistant Professor	10	Sri Vasavi Engineering College	Male	9491792450
198	KONDA HARI KRISHNA	ASSISTANT PROFESSOR	7	SRI VASAVI ENGINEERING COLLEGE	Male	9948942117
199	M.Nageswara Rao	Assistant Professor	3	SRI VASAVI ENGINEERING COLLEGE	Male	9949388386
200	ParimiSireesha	Asst.professor	1	Sri Vasavi Engineering College	Female	8790886858
201	SasiRekha D	Assistant Professor	10	Sri Vasavi Engineering College	Female	9550335939
202	DARLA CHAITANYA	Assistant professor	0.6	Sri Venkateswara college of Engineering ,Tirupati	Male	8886054009
203	D.Jothieswari	Professor	10	Sri Venkateswara College of Pharmacy	Female	9989165610
204	B Narendra Kumar	Professor	20	Sridevi women's engineering college	Male	9010301699
205	Dr. S. M. UDHAYA SANKAR	Associate Professor	18	SRM Institute of Science and Technology	Male	9940242468
206	Dr A Kanaka Durga	Prof and HOD IT	19.6	Stanley College of Engineering and Technology for Women	Female	9849384247
207	Ch M Shruthi	Assistant Professor	4	Stanley college of Engineering and technology for women	Female	9553821292
208	Afreen Fatima Mohammed	Assistant Professor	11	Stanley College of Engineering and Technology for Women	Female	8008663722
209	Kiran SreePokkuluri	PROF	20	SVECW	Male	+919493050794
210	KT Vijay Naik	Lecturer in computer science	2	SVGM Government Degree College, Kalyandurg	Male	9003105858
211	P Jyothi	Assistant professor	7	Teegala Krishna Reddy Engineering College	Female	9010201526
212	EswarPatnala	Assistant Professor(C)	7 years 1 month	University College of Engineering Vizianagaram-JNTUK	Male	7702424143
213	POTHUNURI SURYANARAYANA	Assistant Professor	4	USHARAMA COLLEGE OF ENGINEERING AND TECHNOLOGY	Male	9885573855
214	Anuradhachinta	Assistant professor	5	V R Siddhartha Engineering College	Female	9494640752
215	ANURADHA GOVADA	Associate Professor	15	V R Siddhartha Engineering College	Female	09441819173
216	RaghuviraPratapAdimulam	Assistant Professor	12	V R Siddhartha Engineering College	Male	9703798098
217	ENUGULA HARIKRISHNA	Assistant Professor	8	VAAGDEVI ENGINEERING COLLEGE	Male	9177611139
218	Satyabrata Das	Associate Professor	23	Veer Surendra Sai University of Technology	Male	9437177717
219	Sanjib Kumar Nayak	Assistant Professor	10	Veer Surendra Sai University of Technology Burla	Male	9861216180
220	Sasmita Acharya	Assistant Professor	8 years and 11 months	Veer Surendra Sai University of Technology, Burla	Female	9437230871
221	Dr. RIZWAN PATAN	Assistant Professor	6	Velagapudi Ramakrishna Siddhartha Engineering College	Male	9700266476
222	MukeshChinta	Assistant Professor	10	Velagapudi Ramakrishna Siddhartha Engineering College	Male	9052222633
223	SATHYABAMA A R	Assistant Professor	6	Velammal Engineering College	Female	9884969715

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224	K.R.Mohan Raj	Assistant Professor	14	Velammal Engineering College	Male	9600256117
225	Prema A	Assistant professor	12 Years	VELAMMAL ENGINEERING COLLEGE	Female	9994428780
226	J SATHYA PRIYA	Associate Professor	13	Velammal Engineering College	Female	9710912381
227	SUBBULAKSHMI V	Assistant Professor	7	Velammal Engineering College	Female	7358252006
228	SANTOSH KUMAR SHARMA	Sr. Asst. Professor	11	VIGNAN'S institute of information technology	Male	9703287694
229	AnveshiniDumala	Assistant professor	6	Vignansnirula institute of technology and science for women	Female	9550193519
230	CH S N L S SAI BABA B	Asst.professor	6	Vishnu Institute of Technology	Male	7729964243
231	TANIMKI SUJITH KUMAR	Assistant Professor	6	Vishnu Institute of Technology	Male	09491970118
232	P.V.VijayaDurga	Asst.Prof	4	Vishnu Institute of Technology	Female	9515119404
233	JNSS JANARDHANA NAIDU	Asst Prof	11	Vishnu Institute of Technology	Male	9010559720
234	N P PATNAIK M	Asst Professor	9	Viswanadha Institute of Technology And Management	Male	8328288485
235	BOSUBABU SAMBANA	Assistant Professor	8	Viswanadha Institute of Technology and Management,	Male	9640641136
236	L.SANKARA RAO	Assistant Professor	7	VITAM College of Engineering	Male	6300789027
237	BALAJI SAMPATHKUMAR	Assistant Professor	10	Vivekanandha College of Technology for Women	Male	9381882310
238	SHAFIULILAH SK	ASSOCIATE PROFESSOR	10	VIZAG INSTITUTE OF TECHNOLOGY	Male	8500193314

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ANNEXURE - II

**STTP on PRIVACY AND SECURITY IN IoT
PROGRAMME SCHEDULE(Phase-I)**



9.00AM TO 9.30 AM Inauguration of the STTP	
DAY -1 MONDAY 27.7.2020	<p>SESSION -1 (9.30AM-11.30AM) Topic: Security protocols with case study of security for Distributed Machine Learning Dr.R. Padmavathi, Associate Professor,NIT Warangal</p> <p>SESSION -2(2PM-4PM) Topic: Managing security and privacy risk and control in SCADA and other IoT devices Ms. Yukti.Arora (CEO)& Anju Tandon, Aumyaa consulting services</p>
DAY -2 TUESDAY 28.7.2020	<p>SESSION -3 (9.30AM-11.30AM) Topic: Security issues in IoT Dr.P.S.Avadhani, Director, IIIT ,Agartala</p> <p>SESSION -4(2PM-4PM) Topic: privacy and security in IoT- foundations Mr.V. Srinivas Raju, Senior Consultant, MSRIT,Hyderabad</p>
DAY-3 WEDNESDAY 29.7.2020	<p>SESSION -5 (9.30AM-11.30AM) Topic: Design of Security, Privacy and Trust in Blockchain based Group Key Agreements Dr.V.S.Naresh, Asst. Dean R&D,SriVasaviEngg. College,Tadepalligudem</p> <p>SESSION -6(2PM-4PM) Topic: Security & Privacy Challenges in Blockchains Dr.N.RukmaRekha, Asst.Professor,CentralUniversity,Hyderabad</p>
DAY-4 THURSDAY 30.7.2020	<p>SESSION -7 (9.30AM-11.30AM) Topic: Blockchain in agriculture Dr. Raju Bukhya, Asst.Professor,NIT Warangal</p> <p>SESSION -8(2PM-4PM) Topic:Security Trends in Pervasive Applications Dr.N.RukmaRekha, Asst.Professor,CentralUniversity,Hyderabad</p>
DAY-5 FRIDAY 31.7.2020	<p>SESSION -9 (9.30AM-11.30AM) Topic: Introduction to Electronic system, Embedded system basics and Peripherals required to build a system Mr. V.S. Ramesh, Director, STEPS Knowledge Services P Ltd,Tamilnadu</p> <p>SESSION -10(2PM-4PM) Topic: Typical Security Attacks on IoT and its remedy Mr.V.S. Ramesh, Director, STEPS Knowledge Services P Ltd,Tamil Nadu/N.Lokeswari , ANITS</p>
DAY-6 SATURDAY 1.8.2020	<p>SESSION -11 (9.30AM-11.30AM) Topic: Designing IoT Products: A Practical Approach Mr Bapujikanaparathi,CEO,Appleton Innovations PVT.Limited</p> <p>SESSION-12(11.30AM-12.30PM) Topic: A Security Framework for the IoT Dr.R.Sivaranjani,Professor,ANITS</p> <p>Valedictory followed by online QUIZ (1 Hour)</p>

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Head of the Department of
Dr. Sivaranjani/Reddi
Co-Ordinator
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ANNEXURE-V



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

(Affiliated to AU, Approved by AICTE, Accredited by NBA & certified by NAAC by 'A' grade)
Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist., Andhra Pradesh, India.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

THIS IS TO CERTIFY THAT



has participated in AICTE Sponsored One Week Online Short Term Training Program (STTP) on "Privacy and Security in IoT (Phase-II)", from 5th October 2020 to 10th October 2020.

DR.R.SIVARANJANI
COORDINATOR & HOD, CSE, ANITS.

PROF.TV.HANUMANTHA RAO
PRINCIPAL, ANITS.

CERT. ID.:

R. Seikant
Convener, IQAC
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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(UGC AUTONOMOUS)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade))
Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist



ANITS

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

PEC REPORT
ON

AICTE SPONSORED TWO WEEK ONLINE STTP ON "PRIVACY AND SECURITY ON IOT(PHASE-II)"
5TH OCTOBER, 2020 – 10TH OCTOBER, 2020

Anil Neerukonda Institute of Technology and Sciences(ANITS), Department of CSE, has organized AICTE Sponsored one week online Short Term Training Program on "Privacy and Security in IoT(Phase - II) from 5th October, 2020 - 10th October, 2020. The STTP program received an overwhelming response from participants hailing from various institutes /colleges approved by AICTE and affiliated to universities such as JNTUs and Deemed Universities such as GITAM and KLU from across the states of Andhra Pradesh and Telangana. A total of 174 participants were short listed for the program, out of whom 150 were outstation participants and 24 were internal participants. A total of 13 resource persons handled all the sessions, in this STTP, out of whom 11 were from various premium academic institutions & industries across India and 2 were from ANITS (approved by AICTE). In order to give practical exposure, a majority of the theory sessions were followed by hands-on sessions.

This program aimed to introduce the participants to the amazing world of IoT and security and privacy aspects. IoT is the idea of making devices and objects smarter by linking them to the internet. This technology frontier (IoT), with immense engineering applications is the need of today's industry and academia. This STTP served as a platform to create awareness among participants by engaging them in all privacy and security aspects of IoT, including component, technologies, products, Application, consumer usage and societal impact. Day wise details of happenings reported as follows.

DAY -1: MONDAY 5.10.2020 INAUGURATION @ 9AM

The STTP was inaugurated on 5th October 2020 with key note speaker Dr. Y.V.Srinivas Murthy, Sr. Asst. Professor, VIT and Dr. Sivaranjani. Reddi, Professor & HOD along with Co-coordinators Dr. K.S.Deepthi and Dr. Kurumalla Suresh, delivering their speeches. On this occasion, Prof. T.V.Hanumantha Rao, principal sir recounted all the previous academic events organized by the institute and the achievements of the alumni. Dr. Sivaranjani. Reddi, Professor & HoD welcomed all the dignitaries and delegates. In her welcome speech, she highlighted the importance and objectives of organizing this online STTP. She explained how IoT is becoming the part and partial of our lives.

Session 1: 5.10.2020(FN)

Topic: Introduction to Arduino and Interfacing with Sensors & ThingSpeak Cloud
Resource Person: Dr. Y.V.Srinivas Murthy, Sr. Asst. Professor, VIT

Mrs. SVSS Lakshmi, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Introduction to Arduino and Interfacing with Sensors
- Arduino Programming
- Controlling an LED with Arduino Programming

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- Receiving data from analog device and sending it to digital LED device
- Operating with different sensors like Ultrasonic, DTH11, DC Motors, etc;
- Their applications with live demonstration
- How a device can communicate with mobile through ThingSpeak
- Writing Arduino programming to collect the sensor data and storing in ThingSpeak.
- How to analyze the data with MATLAB Software.
- Demonstrating the process of obtaining heartbeat data sensor and further analysis for knowing health issues

The session ended by a formal vote of thanks by Mrs. SVSS Lakshmi, Asst.Professor, Dept.of CSE, ANITS

Session 2: 5.10.2020(AN)

Topic: Security Challenges of IoT

Resource Person: A. Goutham Reddy, Asst.Professor, NIT-AP & N.Lokeswari (support)

Mrs. S.N.L.Priyanka, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Security Deficiency at Network Level
- Security Deficiency at Cloud Level
- Data-Centric Protection in Cloud Computing
- Enterprise Data Security Policy
- Internet Society (ISOC) aims

Ms. N.Lokeswari , Asst. Professor has helped the resource person while demonstrating the security issues in the cloud. The session ended by a formal vote of thanks by Ms. N.Lokeswari, Asst.Professor, Dept.of CSE, ANITS

DAY 2: TUESDAY 6.10.2020

Session 3: 6.10.2020(FN)

Topic: Security Issues in IoT

Resource Person: Prof. D. Lalitha Bhaskari, Dept. of CS&SE,AUCE(A)

Mrs. SVSS Lakshmi, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Introduction to IoT
- Internet of Everything (IoE) Vs IoT
- IoT Security: Trends, Problems & Challenges
- Understanding IoT Security Risks
- Brute-Forcing And The Issue Of Default Passwords

The session ended by a formal vote of thanks by Mrs. SVSS Lakshmi , Asst.Professor, Dept.of CSE, ANITS

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SVSS Lakshmi
Head of the Department of
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Session 4: 6.10.2020(AN)

Topic: Blockchain-Based Security, Privacy and Trust in Healthcare

Resource Person: Dr. V. Srinivasa Naresh, Associate Dean (R&D), Sri Vasavi Engineering College, Tadepalligudem, Andhra Pradesh

Mrs. S.N.L.Priyanka, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Introduction to Blockchain
- Healthcare in Blockchain
- Advantages of Blockchain in Healthcare
- Uses of Blockchain in Healthcare
- Patient Data management
- Blockchain for EHR Interoperability and Exchanging of BigData
- Blockchain Integrated Smart And Secure Health Care System case study

The session ended by a formal vote of thanks by Mrs. SNL Priyanka, Asst.Professor, Dept.of CSE, ANITS

DAY 3: WEDNESDAY 7.10.2020

Session 5: 7.10.2020(FN)

Topic: Data Privacy

Resource Person: k. sathyababu, Asst. Professor, NIT Rourkela

Mrs. SVSS Lakshmi, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Understanding IoT Risks
- Privacy Vs Security
- 4 steps to reduce Risk
- Data security in IoT

The session ended by a formal vote of thanks by Mrs. SVSS Lakshmi , Asst.Professor, Dept.of CSE, ANITS

Session 6: 7.10.2020(AN)

Topic: IoT Applications on Cloud Computing

Resource Person: Prof. Tarachand Amgoth, Assistant Professor, Dept. of Computer Science & Engineering, Indian Institute of Technology, Dhanbad

Mrs. S.N.L.Priyanka, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Cloud Computing Introduction
- Cloud Computing Models
- Role of Cloud Computing in IoT
- AWS IoT Architecture
- AWS IoT Core and AWS IoT Analytics
- AWS IoT Greengrass and AWS IoT Things Graph

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Head of the Department of
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The session ended by a formal vote of thanks by Mrs.SVNL Priyanka, Asst.Professor, Dept.of CSE, ANITS

DAY 4:THURSDAY 8.10.2020

Session 7: 8.10.2020(FN)

Topic: Human Health Monitoring using Human Gait Analysis: IoT Application

Resource Person: Dr. Vijay Bhaskar Sewwal, Assistant Professor (CSE)- MANIT Bhopal, IIT Bhopal

Mrs. SVSS Lakshmi, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- IoT applications across industries
- Smart Health Monitoring : IoT Prospective
- Analytics Workflow of clinical testing using wearable Sensor.
- Service Under Tele health Umbrella
- EEG+EMG Device at MANIT Bhopal
- Data acquisition of different walking speed using Kinet sensor
- EMG controlled Artificial Robotic Hand
- Health Monitoring System at MANIT Bhopal
- Walking Speed Detection by Human Gait Analysis case study

The session ended by a formal vote of thanks by Mrs. SVSS Lakshmi , Asst.Professor, Dept.of CSE, ANITS

Session 8: 8.10.2020(AN)

Topic: New Innovations Changing Our Lives

Resource Person: N. Viswanadham, Computer Science and Automation , Indian Institute of Science, Bangalore

Mrs. SNL Priyanka, Asst. Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- New Innovations Changing Our Lives
- Game Changing Disruptive Innovations
- Big data Generators
- Rise of startups
- Rise of Algorithmic Governance
- Industrial Internet of Things (IIoT)

The session ended by a formal vote of thanks by Mrs. SNL Priyanka, Asst.Professor, Dept.of CSE, ANITS

DAY 5: FRIDAY 9.10.2020

Session 9: 9.10.2020(FN)

Topic: IoT Automation

Resource Person: B.Ramji

Mrs. SVSS Lakshmi, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

Hand of the Department of
Engineering
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- IoT Automation Introduction
- Challenges with IoT security for developers
- Top5 Best security Technologies
- Top 5 Best IoT security tools
- How to write an API using Python

Ms. N.Lokeswari , Asst. Professor has helped the resource person while demonstrating the security issues in the cloud. The session ended by a formal vote of thanks by Ms. N.Lokeswari, Asst.Professor, Dept.of CSE, ANITS

Session 10:

Topic: IoT Automation & ECC based privacy-preserving mechanisms using Deep Learning for Industrial IoT: A state-of-the-art approaches

Resource Person: B.Ramji & Dr. Sivaranjani.Reddi

Mrs. SNL Priyanka, Asst. Professor commenced the session by welcoming the resource person and delegates. Afternoon session was started by Ramji Borra to continue the hands on session on writing API using Python. Afterwards, she briefed the resource person Dr. Sivaranjani .Reddi profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Introduction to Industrial IoT
- Security issues in Industrial IoT
- ECC based privacy-preserving deep Learning via re-encryption (ECCRE)
- ECC based privacy-preserving deep Learning (ECCAL)

The session ended by a formal vote of thanks by Mrs. SNL Priyanka, Asst.Professor, Dept.of CSE, ANITS

DAY 6: SATURDAY 10.10.2020

Session 11: 10.10.2020(FN)

Topic: IoT Device classification by analysing network traffic characteristics

Resource Person: Gaurav Singal, Rakesh Kumar, Bennett University

Mrs. SVSS Lakshmi, Asst.Professor, commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- IoT network traffic classification
- Related Work: Classification of Attacks on IoT Devices Network
- Classification of Attacks on IoT
- Existing Tools Used for Attacks
- How Packet Travel Over Networks?
- Installation of Kali Linux on Windows (WSL) GUI
- IoT Network Traffic Capturing
- IoT Network Traffic Splitting/Filtering
- Training & Testing of IoT Traffic

The session ended by a formal vote of thanks by Mrs. SVSS Lakshmi , Asst. Professor, Dept.of CSE, ANITS

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Session 12: 10.10.2020(FN)

Topic: AI in IoT Applications and Security

Resource Person: Vaibhav Soni

Mrs. SVSS Lakshmi, Asst.Professor commenced the session by welcoming the resource person and delegates. Afterwards, she briefed the resource person profile and handed over the session to the resource person. The topics discussed by the resource person include:

- Components of IoT Architecture
- IoT Framework
- IoT Applications and Market
- Potential Threats in IoT
- Relationship between AI,ML and DL in IoT
- AI in IoT Applications
- Challenges of AI in IoT

The session ended by a formal vote of thanks by Mrs. SVSS Lakshmi, Asst. Professor, Dept. of CSE, ANITS

VALEDICTORY: SATURDAY 10.10.2020 @ 12.30PM

During the valedictory ceremony, Prof. T.V.Hanumantha Rao ,principal ANITS and chair person joined as the chief guest, Dr. Sivaranjani.Reddi ,ANITS coordinator of the program along with Co-Coordinator Dr. K.S.Deepthi and Dr. Suresh.kurumalla, and program coordinators Mrs. S.V.S.S.Lakshmi and Mrs. S.N.L.Priyanka.


Dr. Sivaranjani.Reddi ,HoD-CSE, coordinator of the STTP welcomed, chief guest of the valedictory function ,all dignitaries and delegates present during valedictory session. On this occasion , Prof. T.V. Hanumantha Rao in his message appreciated Program coordinator Dr.Sivaranjani. Reddi for the successful organization of STTP. Further, he appreciated the ANITS management for promoting such development programmes for faculty members. Dr. Sivaranjani. Reddi congratulated all the participants for attending the STTP and informed that the certificates will be issued to the participants who has maintained 70% attendance and 50% score in the quiz going to be conducted after the valedictory. Mrs. S.V.S.S.Lakshmi and Mrs. S.N.L.Priyanka has collected the feedback about the program from the participants. Finally, Dr.K.S.Deepthi Co-coordinator concluded with vote of thanks.

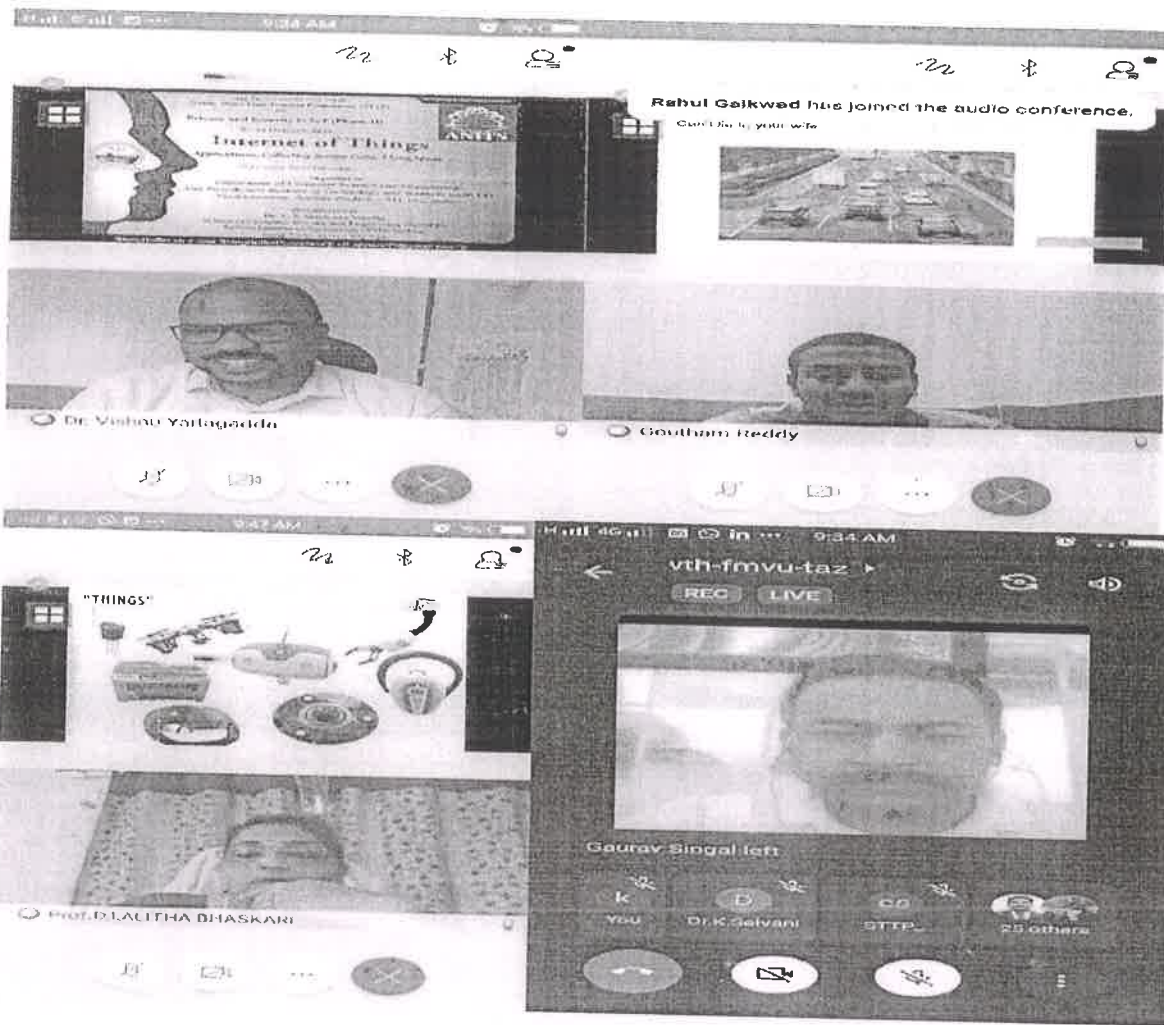
EVALUATION: SATURDAY 10.10.2020 @ 2.00PM

On 6th date of the program, a quiz exam was conducted to check the knowledge of the participants. Out of the 174 participants, 87 were successful in the test. The certificate was awarded to the participants whose score is minimum 20 out of 40 marks along with the attendance of 9 sessions out of 12 sessions. The quiz exam questions were approved by the PEC comprising of Prof. T.V.Hanumantha Rao(Principal & Chairperson),Dr. Sivaranjani. Reddi(HoD-CSE & Member secretary), Dr. V.Rajya Lakshmi, (HoD-ECE & Member), Dr. P.Padmaja(HoD-IT & Member), Dr.K.S.Deepthi(Associate Professor, CSE (Subject Expert & Member).

SAMPLE PHOTOS:


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Dhanu
 Prof. T.V. Hanumantha Rao
 Chairperson

[Signature]
 Dr. P. Padmaja
 Member

Deepthi
 Dr. K.S. Deepthi
 Professor, CSE (subject Expert)

R. Seetha
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 Member Secretary
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 Dr. V. Rajya Lakshmi
 Member

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No: ANITS/Gen-12/Circular/2020-21/16

Date: 03-12-2020

CIRCULAR

As per the AICTE guidelines the faculty who are having teaching experience less than 5 years, called Inductee Teachers, have to undergo 8 modules through NITTT. To oversee that activities of these inductee teachers a senior faculty from the department should be allocated as a Mentor to the trainee.

Role of a Mentor:

Mentors engage in mentoring activities, such as observing, giving constructive feedback and meeting with their mentees. Mentors offer just the right kind of support, well-suited to the emerging needs of inductee teacher they are mentoring. Mentors develop co-constructive relationship with inductee teachers and support their professional learning to build their capacity.

The assumption is that, in the role of mentor he/she is an accomplished teacher with a broad range of tried and tested teaching strategies combined with a well-developed understanding of the subjects he/she teach.

The requirements of a mentor:

A senior faculty member with at least 10 years of teaching experience at a minimum level of Associate professor. It is desired, one should have attended a few in-service faculty development programmes preferably in the pedagogy area and/or domain area.

In ANITS we wish to comply with AICTE guidelines and hence the HoDs are requested to send the names (**EEE-1, ECE-1, CSE-2, IT-2, Mechanical -1 & Civil-1**) of interested Faculty members to the undersigned.

S. No	Name	Designation	Experience	Mobile Number	Email id

Note: AICTE/NITTTR conducts a mentor training programme for selected mentors and this is mandatory.

To
Concerned HoDs
Assistant Principals
Master file

IQAC

Other HoDs & v

R. Sridharthi

Convener, IQAC

Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Principal
PRINCIPAL

Principal
Principal

Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Fwd: Registration as Mentors - NITTT (National Initiative for Technical Teachers Training) - Reg.
Inbox

----- Forwarded message -----

From: **SCRO Broadcast** <scrobroadcast@aicte-india.org>

Date: Mon, Oct 26, 2020 at 11:11 AM

Subject: Registration as Mentors - NITTT (National Initiative for Technical Teachers Training) - Reg.


To:

Sir/Madam,

1. Vide AICTE Gazette Notification dated 01 March 2019, NITTT (National Initiative for Technical Teachers Training) has been made mandatory for all the teachers less than 05 years of service as on 01 March 2019. Further, the same is in the process of implementation to teachers with more than five years of service also with certain modifications (additions / deletions).
2. Four weeks Industrial mentorship and a semester based mentorship under a nominated mentor is a must post successful completion of all the online modules as prescribed in NITTT for the purposes of regularisation in AICTE approved institutes.
3. Towards this all the institutes are requested to register themselves on NITTT.AC.IN portal. (Nomination of a mentor needs to be done during the process of registration of the institutes on NITTT.AC.IN only)
4. The last date for registration is **31 Oct, 2020**; you are requested to register by the due date.
5. For any issue, please contact nittt@nittrc.ac.in and nittt@aicte-india.org.

With warm regards,

Dr. Amit Vishwasrao Salunkhe
Assistant Director & Regional Officer
AICTE South Central Regional Office
Ameerpet, Hyderabad - 500 038,
Phone : 040-2334507

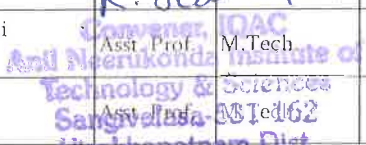

Convener, ICAT
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

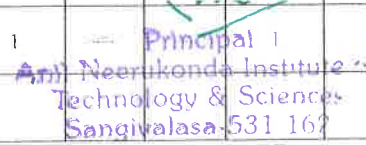

Principal
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Visakhapatnam Dist.

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

Teaching staff below 5 years of overall experience

S.No	Name of the Faculty	Designation	Qualification	DOJ	Work Exp. (In Years)				Remarks
					Teaching	Research	Industry	Total	
Electronics & Communication Engineering									
1	Mr. G. Viswanadh Ravi Teja	Asst. Prof.	M.Tech.	07.08.2017	3	---	1	4	
2	Ms. Perla Devi	Asst. Prof.	M.Tech.	01.09.2017	2.3	0	0	2.3	
Electrical & Electronics Engineering									
1	Mr. Singaluri Jyothi Vara Prakash	Asst. Prof.	M.Tech., (Ph.D)	11.06.2016	4	---	---	4	
2	Mr. B. Satyanarayana	Asst. Prof.	M.Tech.	14.06.2016	5	---	---	5	
3	Dr. T. Narasimhulu	Asst. Prof.	M.E. Ph.D	10-10-2018	2	4	1.5	4	
4	Mr. M. Dhananjaya	Asst. Prof.	M.Tech. (Ph.D)	11.11.2019	2	0	0	2	
Computer Science & Engineering									
1	Ms. Teeda Anitha	Asst. Prof.	M.Tech.	01.06.2016	4.6	---	---	4.6	
2	Mrs. Siva Jyohti Barla	Asst. Prof.	M.Tech.	10.12.2016	4	---	---	4	
3	Ms. Sivaratri Siva Naga Lakshmi Priyanka	Asst. Prof.	M.Tech.	01.06.2017	3.4	---	---	3.4	
4	Ms. Nambaru Lokeswari	Asst. Prof.	M.Tech.	01.06.2017	3.4	---	---	3.4	
5	Ms. Amaravathi Kaviti	Asst. Prof.	M.Tech.	08.06.2017	3.4	---	---	3.4	
6	Mr. P. Krishnanjaneyulu	Asst. Prof.	M.Tech. (Ph.D)	11.10.2019	4	0	0	4	
7	Mr. Badana Mahesh	Asst. Prof.	M.Tech	06.11.2019	3	---	---	3	
Information Technology									
1	Ms. M. Navya Sri	Asst. Prof.	M.Tech.	02.06.2016	4	---	---	5	
2	Mrs. A. Surekha	Asst. Prof.	M.Tech.	17.11.2016	4	---	---	4	
3	Mrs. G. Vijaya Lakshmi	Asst. Prof.	M.Tech.	08.06.2018	4	0	0	4	
4	Mrs. K. Swathi Lakshmi Durga	Asst. Prof.	M.Tech.	28.06.2019	2	---	---	2	
5	Mrs. V. Alekya	Asst. Prof.	M.Tech.	28.06.2019	4	0	0	4	
6	Mrs. M. Swathi	Asst. Prof.	M.Tech.	23.09.2019	4	---	---	4	
7	Mrs. K. Chandusha	Asst. Prof.	M.Tech.	01.11.2019	3	---	---	3	
8	Ms. Andhavarapu Bhanusri	Asst. Prof.	M.Tech.	06.11.2019	1	---	---	1	
9	Mr. Gorli Ravi	Asst. Prof.	M.Tech.	07.11.2019	2	---	---	2	
10	Ms. Venkata Nagamani Vadlamani	Asst. Prof.	M.Tech.	08.11.2019	1	---	---	1	
11	Ms. Uppada Gautami	Asst. Prof.	M.Tech.	08.11.2019	1	---	---	1	


Anil Neerukonda Institute of Technology & Sciences
 Sangivalasa-531162
 Visakhapatnam Dist.


Principal
Anil Neerukonda Institute of Technology & Sciences
 Sangivalasa-531162
 Visakhapatnam Dist.

S.No	Name of the Faculty	Designation	Qualification	DOJ	Work Exp. (In Years)				Remarks
					Teaching	Research	Industry	Total	
Mechanical Engineering									
1	Ms.K.Sree Sruthi	Asst. Prof.	M.E.	01.06.2016	4	---	---	4	
2	Mr. R. Vara Prasad	Asst. Prof.	M.Tech.	01.06.2017	3	---	---	3	
3	Mr. J. Mahesh	Asst. Prof.	M.Tech	10.06.2017	3	---	---	3	
4	Mr. I. Pavan Kumar	Asst. Prof.	M.Tech	04.11.2019	1	---	---	1	
Civil Engineering									
1	Mr. J. Harsha Vardhana Reddy	Asst. Prof.	M.Tech.	17.06.2017	2.6	---	---	2.6	
2	Mr. N.A.N. Panduranga Vital	Asst. Prof.	M.Tech.	01.11.2019	2	---	---	2	
Chemical Engineering									
1	Dr.D.Anjali	Asst. Prof.	M.Tech., Ph.D	01.06.2016	---	---	---	A-	
English & Humanities									
1	Mrs. T. Sunanda Tulasi	Asst. Prof.	M.A.	07-08-2019	4	---	---	4	

R. Sekhara.
Convener, IQAC
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

Ch
Principal
Anil Neerukonda Institute
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist

32



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Dt: 22-06-2020

To
The Principal,
ANITS,
Sangivalasa.

Sir,

Sub: - Permission for organizing Online FDP. Reg.

It is bring to your kind notice that the Department of Mechanical Engineering is planning to organise an Online FDP titled "Video Tutorial Education and Online Assessment" from 25-06-2020 to 05-07-2020. Kindly give permission for organizing this event. Dr.M.Raja Roy, Associate Professor, Department of Mechanical Engineering is acting as a recourse person.

Thanking You Sir

Pentel

QW

Principal

Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa- 531 162
Visakhapatnam Dist

22.6.20
Dr.B.Nagaraju

Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P



R. Sridhar
Convener, IQAC
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Sangivalasa-531 162
Visakhapatnam Dist.

QW
Principal
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa-531 162
Visakhapatnam Dist.

About ANITS:

Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam was established in 2001 by Anil Neerukonda Educational Society (ANES). ANES works to promote technical and human values through various educational institutions, without any motive for profit. ANITS is located in Sangivalasa village of Bheemunipatnam mandal, about 30 km from the city of Visakhapatnam. The college has been accredited by NAAC, NBA, UGC, and attained autonomous status in the academic year 2015-16. The college has been awarded "Centre of Excellence" by Infosys Technologies in the year 2011 and "National Employability" in 2014 by Aspiring Minds, New Delhi. Undergraduate and postgraduate programs in CSE, IT, EEE, ECE, Mechanical, Civil and Chemical Engineering are offered with a unique team of governing body, inspiring management, and proficient educators. ANITS envisions to emerge as a world-class technical institution whose products represent a good blend of technological excellence and the best of human values.

About the Department:

The department of Mechanical Engineering is established in the year 2005 with the state of art laboratories and research facilities which are being upgraded continuously every year. The department was accredited by NBA in the year 2012 and reaccredited in the year 2016. Presently it has an intake of 240 at UG level and 18 at PG level. The department has faculty strength of 46 with 13 Doctorates. The department promotes research activity vigorously which has fructified in the publication of more than 240 papers since inception in National International Journals, Conferences. The department received grants from centrally sponsored organizations like ICAQ, I, ISIL leading to an amount of Rs. 10.00 Lakhs for organizing induction, pre-employment, and MEDICORS.

Convener, IQAC, I, Technology & Sciences Sangivalasa-531 162, Visakhapatnam Dist.

Organizing Committee

Chief Patron

Dr. Neerukonda B. R. Prasad
Chairman, ANES.

Patron

Prof. T. V Hanumantha Rao
Principal, ANITS

Chairman

Prof. B. Naga Raju
HOD, Dept. of Mechanical Engineering

Convener and Resource Person

Dr. M. Raja Roy
Associate Professor, Dept. of Mech. Engg.

Co ordinator

J.V. Bhanu Tej
Asst. Professor, Dept. of Mech. Engg.

About the Programme

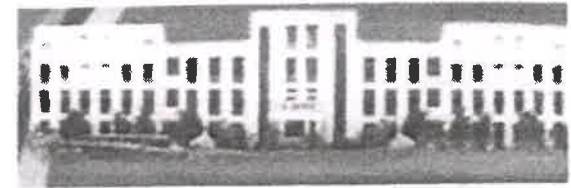
Video tutorial education and online assessment is necessary for all the Educational Institutions in the present COVID-19 Pandemic. Video Tutorial is the best alternative way to deliver the lectures to the students who are staying at their homes. Video tutorial is better than online teaching because online teaching has limitations during teaching and network issues. Provide video tutorials, give some time to students for understanding the content, and later conduct the Q&A session online. The online assessment is important to engage the students continuously towards learning.

Course Content

- Introduction to Video Tutorial Education and Online Assessment
- Teaching using Wacom Pen Tablet
- Video Editing using OpenShot Video Editor
- Video Editing in Mobile phones using Power Director
- Online Quiz using Google Forms

Online Faculty Development Program on Video Tutorial Education and Online Assessment

25th June to 5th July 2020



Organized by

Department of Mechanical Engineering
Anil Neerukonda Institute of Technology & Sciences
UGC Autonomous, Accredited by NBA & NAAC with 'A' Grade
Sangivalasa - 531 162, Bheemunipatnam
Visakhapatnam Dist. AP, India.
website: mechanical.anits.edu.in

Registration Details:

Please go through the following URL for registration

<https://www.anits.edu.in/ldp.php>

All the participants are requested to go through the programme contents provided in the website.

Participants can post their queries either in text or video form in the website.

The registration and quiz link will be activated from 28-06-2020 to 05-07-2020.

There is 'NO REGISTRATION FEE' for participants. Participation e-certificate will be provided after qualifying the online quiz with minimum score of 50%.

Principal

Anil Neerukonda Institute of Technology & Sciences Sangivalasa-531 162, Visakhapatnam Dist.



DEPARTMENT OF MECHANICAL ENGINEERING
Online FDP on Video Tutorial Education and Online Assessment
Attendance Sheet (Online)

Username	Total score	Full Name	Designation	Name of the Institute
swarna2014@gmail.com	30.00 / 50	S. Swarna Bala	Academician	ASK Engineering College
shreevanth@gmail.com	45.00 / 50	Dr. SATYA NARAYANA KATAKAM	Assistant Professor	Anil Neerukonda Institute of Technology and Sciences A
astavanth1991@gmail.com	25.00 / 50	KONDETI SRAVANTH	Assistant Professor	Dhanukula Institute of Engineering & Technology
adimnareesh@gmail.com	25.00 / 50	Adimi Nareesh Kumar	Assistant professor	St John's College of engineering and technology
kallemputi.vahini@gmail.com	15.00 / 50	KALLEMPUDI VAHINI	ASSISTANT PROFESSOR	VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN
asansad.srinivasa.rao@gmail.com	40.00 / 50	ASANSAD SRINIVASA RAO	ASSISTANT PROFESSOR	SIR C.R. REDDY COLLEGE OF ENGINEERING
g.v.hari0@gmail.com	25.00 / 50	Mr. R SIVA KRISHNAM RAJU	Assistant professor	KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCE
venuresav1120@gmail.com	30.00 / 50	THUGU VENU REDDY	STUDENT	SIR VISHVESHWARAIHAH INSTITUTE OF SCIENCE AND TECHNOLOGY
kmirala2@gmail.com	25.00 / 50	KILARI NIRMAL KUMAR	Student	N.B.K.R. INSTITUTE OF SCIENCE AND TECHNOLOGY VIDYANAGAR
dr.mohammed.abid.ali@gmail.com	20.00 / 50	Dr Mohammed Abid Ali	Professor	PSCMR College of Engineering & Technology
gaddal.raju@gmail.com	45.00 / 50	GADDALA RAJU	Assistant Professor	RGUKT SRIKAKULAM
jagadeesh.b@gmail.com	20.00 / 50	jagadeesh B	Asst professor	jagadeesh B
choopara.balakotaiah@gmail.com	40.00 / 50	Dr Choopara Balakotaiah	Associate professor	SVKP COLLEGE
dr.mary.jasmin.nerella@gmail.com	35.00 / 50	Dr MARY JASMIN NERELLA	Associate professor	TIRUMALA ENGINEERING COLLEGE JONNALAGADDA
karthik.naik1@gmail.com	35.00 / 50	M. Karthik Naik	B.Tech Mechanical engineering	Sree vidyanikethan engineering college
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gowtham.reddy.vudumula@gmail.com	30.00 / 50	GOWTHAM REDDY VUDUMULA	ASSISTANT PROFESSOR	DVR & Dr HS MIC college of Technology
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abhisek.kumar2007@gmail.com	35.00 / 50	ABHISHEK KUMAR	ASSISTANT PROFESSOR	QIS COLLEGE OF ENGINEERING AND TECHNOLOGY
subbalaxmi.v@gmail.com	25.00 / 50	A.P.S.V.R.SUBBRAHMANYAM	Assistant Professor	ANITS,SANAGIVALSA
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ee.srinivasa.senth@gmail.com	40.00 / 50	Yalavarthi Leelakrishna	Asta.proff	Sai Tirumala NVR Engineering college
radha2004@gmail.com	40.00 / 50	Radha Krishna Adiraju	Associate professor	Radha Krishna Adiraju
ponkartikeyan.s@gmail.com	25.00 / 50	PONKARTHIKEYAN S	Guest Lecturer, Department of Eng	M.R.Govt.Arts College, Mannargudi
bokkabhanusri@gmail.com	40.00 / 50	Bokka Bhanusri	Student	Sai tirumala nvr engineering college
lokaranjan.2007@gmail.com	40.00 / 50	LOKARANJAN RAO PADALA	Assistant Professor	VIZAG INSTITUTE OF TECHNOLOGY
dr.s.vijayakumar2008@gmail.com	20.00 / 50	Dr.S VIJAYAKUMAR	ASSISTANT PROFESSOR	A.V.V.M SRI PUSHPAM COLLEGE POONDI THANJAVUR
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yothis2000@gmail.com	45.00 / 50	GANGISLETY JYOTHIRANKAMMA	SECONDARY GRADE TEACHER	MUNICIPAL GIRLS PRIMARY SCHOOL YANADI COLONY CHIRALA

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(Handwritten)
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 Date: 6.7.20

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samudhralakaruna@gmail.com	5.00 / 50	Dr. S. Karuna	PGT ENGLISH	AP Model Jr college Bairreddypalli palamaner chittoor Andhra Pradesh
cveeran500@gmail.com	20.00 / 50	Veeran C	Assistant Professor	D.G. Vaishnav College of Arts and Science
meenakrishna111@gmail.com	35.00 / 50	K. Meenatchi	Assistant Professor	Annai vailankanni arts and science college
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lakkuntajaga@gmail.com	35.00 / 50	L JAGANNADHAM	Trainee Graduation Teacher	A P MODEL SCHOOL & COLLEGE
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ramana.tamide@gmail.com	40.00 / 50	TAMIDE VENKATA RAMANA	Assistant professor	Sai Rajeswari Institute of Technology, Proddatur
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ucetlibrary@gmail.com	20.00 / 50	MEHBOOB SUBHANI SHAIK	Librarian	Universal college of Engineering and Technology
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Swamimech3@gmail.com	15.00 / 50	Beela Ramanjaneyulu	Send. Asst. Professor	Nadimpalli Satyanarayana Raju Institute of Yechnology
aruna15.gopu@gmail.com	40.00 / 50	BONAM ARUNA	Librarian	Universal college of Engineering and Technology
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pskchary@gmail.com	50.00 / 50	PALAKONDA SRIKANTH	Assistant Professor	NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS
muthurasu1973@gmail.com	25.00 / 50	Dr. C. MUTHURASU	Teaching Assistant	Alagappa University Karaikudi
mouniragesh09@gmail.com	30.00 / 50	Kopparthi Ragini	Professor	Bhimavaram Institute of Engineering and Technology
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subhajits407@gmail.com	35.00 / 50	Subhajit Sarkar	Student	Jadavpur University
vaithee971512@gmail.com	45.00 / 50	VAITHESWARAN S 6	Student	Kongu Arts and Science College(Autonomous), Erode
vardhani848@gmail.com	40.00 / 50	M. Dhanu Varadhan	Lecturer	Sri Durga Malleswara Siddhartha Maha Kalasala

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REPORT
On
Online FDP on “Video Tutorial Education and Online Assessment”

Department of Mechanical Engineering, ANITS as organised online FDP “Video Tutorial Education and Online Assessment” by Dr.M.Raja Roy, Associate Professor, Department of Mechanical Engineering from 25-06-2020 to 05-07-2020. Video Tutorial Education and online Assessment is necessary for all the educational institutions in the present COVID-19 Pandemic. Video Tutorial is the best alternate way to deliver the lecture to the students who are studying at their homes. Video tutorial is better than online teaching because online teaching has limitations during teaching and network issues. Provide video tutorial give some time to students to understanding the content and later conduct the Q&A session online. The online assessment is important to engage the students continuously toward leering. And total 153 participants are actively attended FDP.



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Date: 26.03.2021

Circular

Dept. of IT is planning a training program on Basics of MS-office for the non-teaching staff of IT Department on 29.03.2021 by Mr. SatishKumar Patnala at Project Lab(LAB-1).

HoD, IT

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Department of Information Technology

Training Program on basics of MS Office

Attendance Sheet

Date:29/03/2021

S.No	Name of the Programmer	Signature
1	Mr.P.Siva Kumar	
2	Mr.G.Chandra Sekhar	
3	Mr.N.Satish	

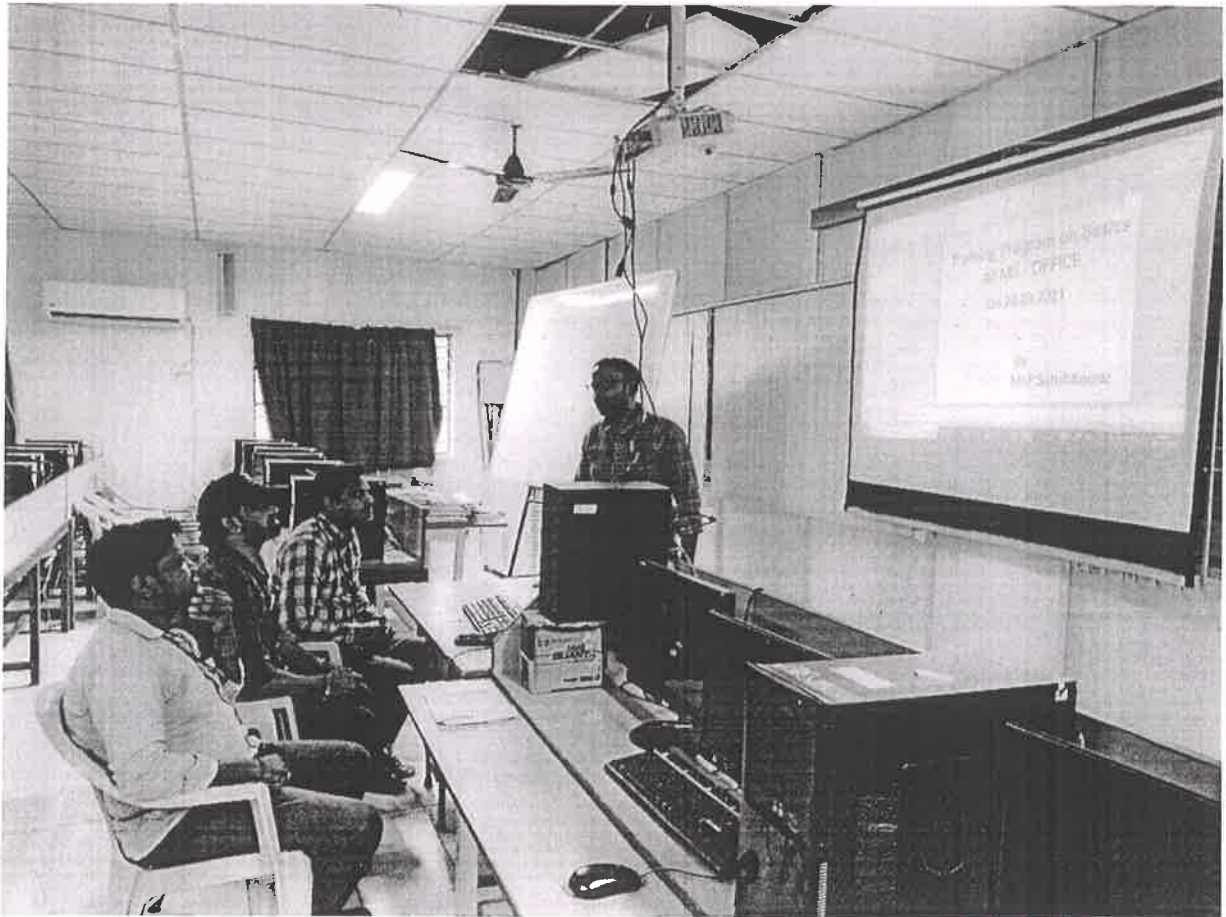
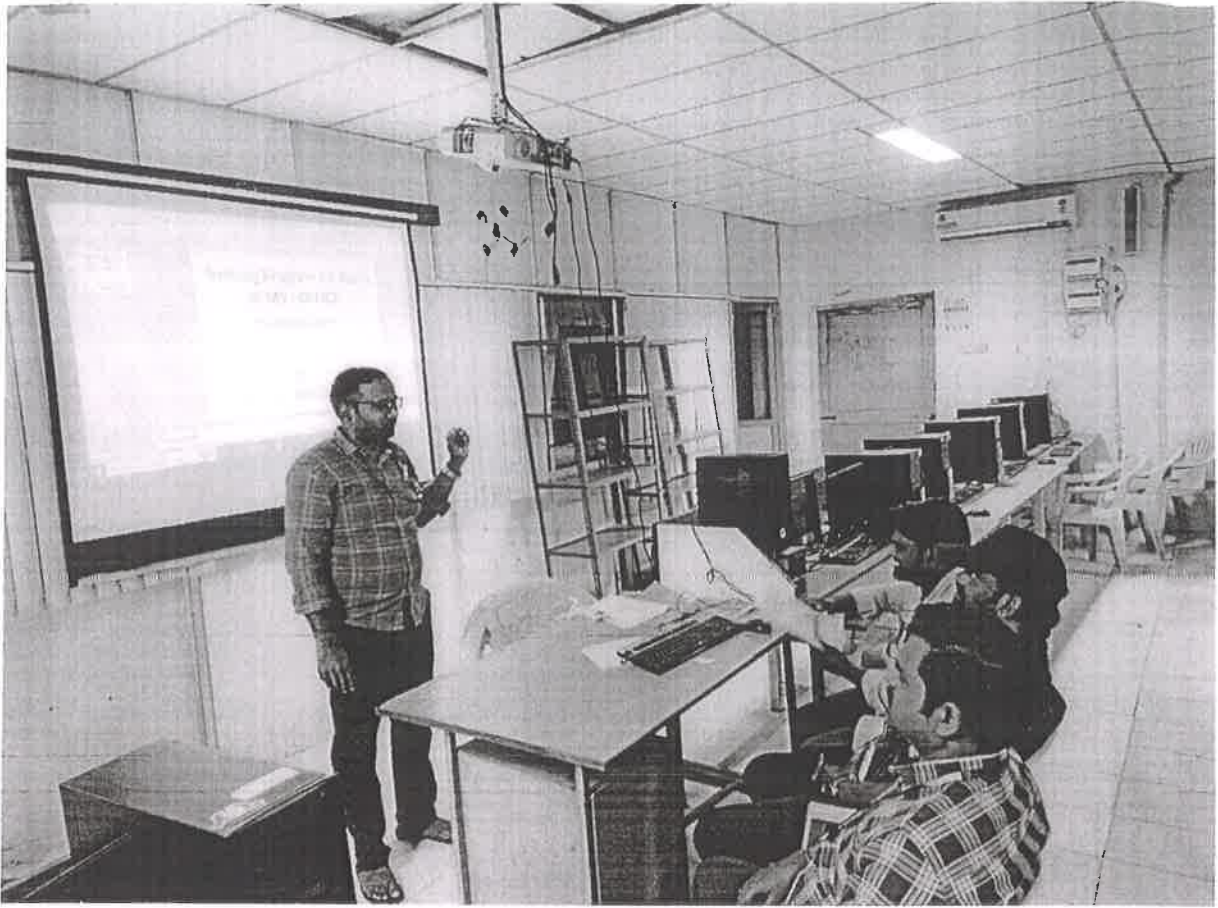
Satish
Faculty Coordinator
Mr.P.Satish Kumar

Head of the Department
Prof.P.Padmaja

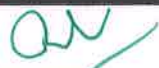
Prof. P.PADMAJA
head of the Department
Department of IT
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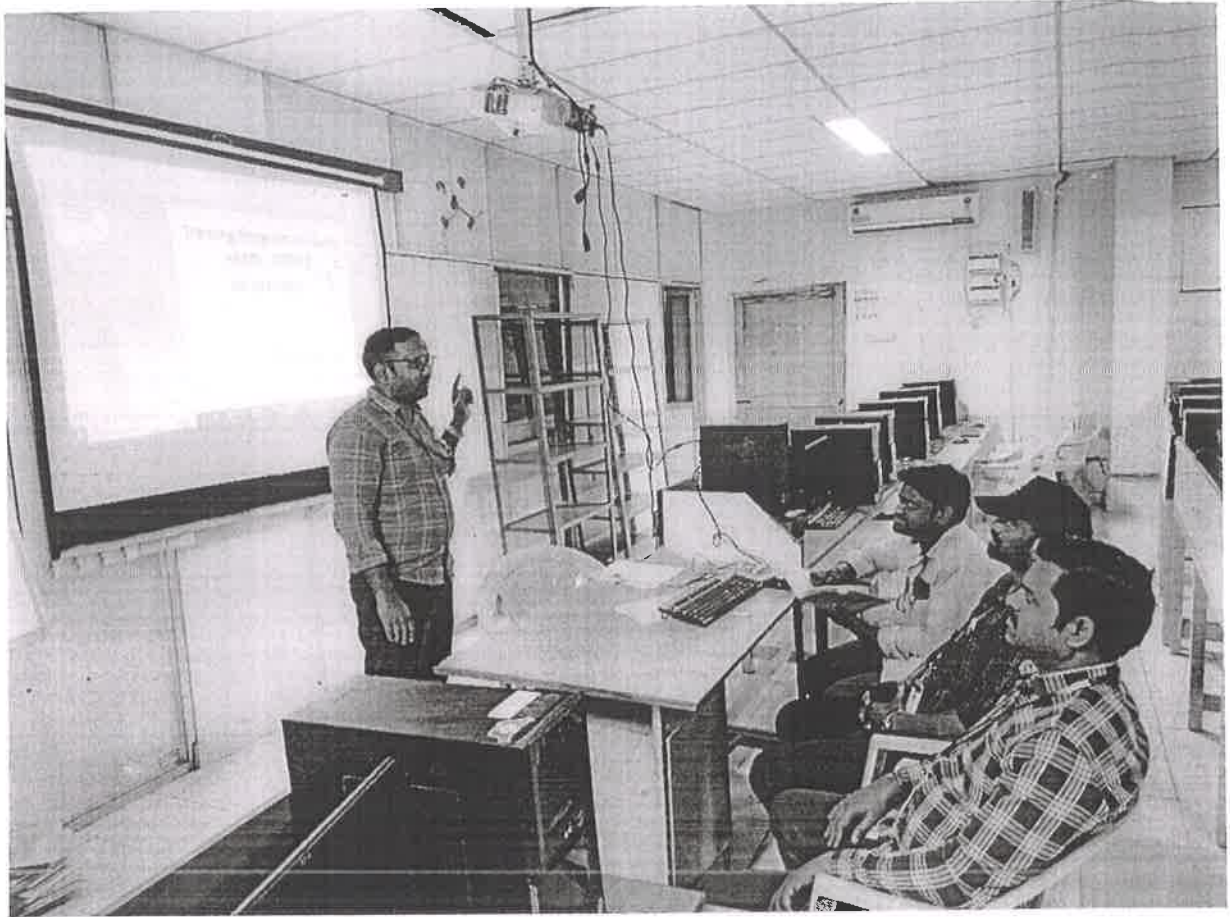
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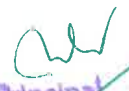

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IMPACT ANALYSIS

Event Name: Training Program on Basics of MS-Office

Date: 29.03.2021

Venue: Project Lab, Dept of .IT

After completion of the event, the Non-teaching staff of IT department, Mr.N.Satish, Mr.Shiva, Mr. Shekar have gained in-depth knowledge on MS-Office. The session was very attractive since all the participants are actively involved.

Satish

Mr.P.Satish Kumar

Faculty coordinator

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HoD, IT

Prof. P.PADMAJA

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