



**Details of professional development / administrative training programs organized by the institution for teaching and non-teaching staff A.Y 2021-22**

S.NO	Title of the professional development program organized for teaching staff	Title of the administrative training program organized for non-teaching staff	Duration	No. of participants
1	Professional development program on "Outcome Based Education"		24-08-2022 to 30-08-2022	21
2	A one week FDP on MATLAB		24-08-2022 to 30-08-2022	25
3		Workshop on Communication skills and Grooming Etiquette" to technical and supporting staff of ANITS	13-08-2022	37
4		A Practical Approach to IoT & Cloud connectivity ( Non Teaching)	28-07-22 to 03-08-22	7
5	FDP on "Cyber Security Challenges, Detection and Mitigation Techniques for the Smart Grid"		25-07-2022 to 03-08-2022	52
6		Trouble-shooting and preventive maintenance of All geared lathe	19-7-2022 to 20-7-2022	11
7		A 2 day technical staff training program on "IOT KITS"(Non Teaching)	28-06-2022 to 29-06-2022	3
8		Training on Total Station to lab Technicians	29-06-2022	3
9	Two day Workshop on Chromatographic Techniques:		24-06-2022 to	25

	Thin Layer Chromatography with hands on experience-for Faculty		25-06-2022	
10		Training program on MATLAB training	14-06-2022 to 20-06-2022	5
11		A two day workshop and hands on experience for Technicians on Electro analytical techniques	18-06-2022 to 22-06-2022	7
12	FDP on "Power Electronics Applications to Smartgrid and Electric Vehicles"		27-05-2022 to 29-06-2022	94
13		Skill development program for laboratory technicians	28-1-2022 to 29-1-2022	11
14	Block Chain & Distributed Ledger		18-12-21 to 24-12-21	100
15	5 Day FDP on Digital Teaching Techniques		9-11-2021 to 13-11-2021	25
16	5 Day FDP on Wipro Talent Next		02-11-2021 to 06-11-2021	25
17	IoT using Raspberry Pi (Teaching and Non Teaching)		22-10-2021 to 23-10-2021	31
18		Skill enhancement program for technicians	17-9-2021 to 19-9-2021	11
19		MS office (Non Teaching)	09-08-2021 to 11-08-2021	8
20		Skill development program for laboratory technicians	27-7-2021 to 29-7-2021	11

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*QV*  
 Principal  
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## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE  
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Dt:19-08-2022

### DEPARTMENT OF PHYSICS

#### CIRCULAR

We are happy to inform that the department of physics organizing one week professional development activity on "outcome based education" program under skill enhancement of co's & po's of course from 24-8-2022 to 30-8-2022. In this regard we request all the faculty members to attend the program.

Dates of the program: 24-8-2022 to 30-8-2022

Time : 3:30PM - 5:0PM (One week)

Venue: Dept. of physics

Mode: off-line


Speaker: Dr.P.Viswaruachary, Sr.Asst.Professor

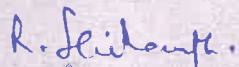
Coordinators : Dr.K.Srinivas Rao, Asst.Professor


Mrs.N.Sivaganga kumari,Asst.Professor

Convener : Dr.P.Venkateswarulu, Professor & Head  
Department of Physics

Copy to:  
Principal  
HD's Of all Depts

  
(Dr.P.Venkateswarulu)  
HoD & Professor  
Head of the Department of Physics  
Anil Neerukonda Institute of  
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Sangivalasa-531 162

  
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### Overview

This ONE-Week Course aims in listing the process of writing COs and mapping of CO-PO course articulation matrix

### Course Description

Outcome Based Education (OBE). Institutions adopting OBE trying to bring changes to the curriculum by dynamically adopting to the requirements of the different stakeholders like Students, Parents, Industry Personnel and Recruiters. So before applying for NBA accreditation the concerned department should make sure that their COs are well defined and serves the purpose of focus of the curriculum, faculty roles, outreach to the community and the role of research.

### Objectives

Enable the importance of Outcome-Based Education (OBE) and build the capacity and competencies of the faculty members in the teaching-learning system. Implementation of good academic processes by involving all stakeholders for continuous improvement. The faculty development programme will have sufficient discussions, deliberations in a case study approach, and provides a hands-on experience on re-engineering or re-tuning the academic processes that can improve the quality of the outcome

### Course Content

The Key aspect in PDA is Outcome-Based Education (OBE) Assessment of Course Outcomes(COs) are defined for course curriculum of each course are defined based on the Program Outcomes (POs) and other requirements. Mapping of CO-PO course articulation matrix

### Organizing Committee

#### *Chief Patron*

D. J. Bharath Reddy  
CEO, ANES

#### *Patron*

Dr. Kaiva Sri Rama Krishna  
Principal

#### *Convenor*

Prof.P.Venkateswarulu,  
Professor & Head  
Department of Physics

#### *Faculty Coordinators*

Mrs.N..Siva.Ganga Kumari, Assistant Professor  
Dr.K.SrinivasaRao, Assistant Professor

#### *Members*

Dr. P.Viswarupachary, Sr. Assistant Professor  
Dr.K.SrinivasaRao, Assistant Professor  
Dr.B.Brahmaji, Assistant Professor  
Mr. Santosh Kumar L, Assistant Professor  
Dr.T.Madhavilatha, Assistant Professor  
Dr.Y.BheemsankarRao, Assistant Professor



Anil Neerukonda Institute of  
Technology and Sciences (Autonomous)  
Sangivalasa – 531162, Bheemunipatnam Mandal  
Visakhapatnam District, Andhra Pradesh

Department of Physics is organizing  
Professional Development Activities

On

Outcome-Based Education  
(OBE)  
(Skill Enhancement Program)


24<sup>th</sup> - 30<sup>th</sup> August 2022


#### *Convenor*

Prof.P.Venkateswarulu  
Professor & Head  
Department of Physics

#### *Expert Speaker*

Dr.P.Viswarupachary,  
Sr.Assistant Professor  
Department of Physics  
ANITS

  
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## REGISTRATION FORM

1. Name:
2. Department:
3. Organization:
4. Mobile Number:
5. Email:

### Vision:

To build the foundation for technical excellence by providing critical thinking in all aspects of Physics as a part of curricula.

### Mission:

To provide a strong foundation in Engineering through courses like Engineering Physics and Applied Physics and also enhancing career opportunities by introducing emerging courses like Nano Technology, NDT, Fundamentals of Quantum Computing etc.

### Department Profile

The department of Physics is headed by Prof. P Venkateswarulu, There are Eight teaching faculty members and six of them have Ph.D degrees in the fields of Nuclear Physics, Materials Science, Space Physics, Spectroscopy and Thin films. The faculty is handling Engineering Physics theory and Lab and teaching Mandatory courses like, Human Values and Professional Ethics, Constitution of India & Intellectual property rights for B.Tech students. There are two well-equipped Electricity - magnetism and Modern physics- optics labs with facilities for the entire class of 64 students to carry out experiments independently.

### ANITS

Anil Neerukonda Institute of Technology & Sciences (ANITS) was founded by Anil Neerukonda Educational Society (ANES), in fond memory of Late Anil Neerukonda, son of our Chairman Dr. N.B.R. Prasad in 2001.

Within 19 years of its establishment, the Institute registered phenomenal growth and today, the Institute offers seven B.Tech. programs and five M.Tech. programs with annual intake of 1100 students. The College is accredited by NAAC with A grade and by NBA for the second time. It is permanently affiliated to Andhra University and was accorded Autonomous status in 2015.

The Institute has been ranked as 4<sup>th</sup> among the

Private Engineering Colleges in Andhra Pradesh by APSCE. The College was awarded "Centre of Excellence" by Infosys in 2011 and "National Employability Award" by Aspiring Minds, New Delhi in 2014. The campus placements at ANITS are the highest in this region. For further information about the Institute, please logon to our Institute website: <http://anits.edu.in>.

### Institute Location

ANITS is located in Sangivalasa, Bheemunipatnam, an hour distance of 24km and 30 minutes drive from Visakhapatnam on the Visakhapatnam-Srikakulam NH-5.

### About Visakhapatnam

Visakhapatnam is the largest city in the State of Andhra Pradesh and is popularly known as the "City of Destiny" and "The Jewel of the East Coast". Visakhapatnam is being developed as a Smart City by the Government of India. Tourists are attracted by beautiful beaches, and Arrau Valley and Borra Caves, the 11<sup>th</sup> century Simhachalam Temple and ancient Buddhist Sites spread across the area. The city boasts a submarine museum, the first of its kind in South east Asia, at Rama Krishna Beach.

### Address For Correspondence

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Professor & Head  
Department of Physics  
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Principal

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Dt: 24-08-2022

#### DEPARTMENT OF PHYSICS

Professional Development Activity  
ON

#### Outcome-Based Education (OBE)

#### List of Participants

S.No	Name of the Faculty	Name of the Department
1	Dr.P.Venkateswarulu	Physics
2	Dr.K.Srinivasa Rao	Physics
3	Dr.B.Brahmaji	Physics
4	Mr.L.Santosh Kumar	Physics
5	Mrs.K.Siva Ganga Kumari	Physics
6	Dr.T.Madhavi Latha	Physics
7	Dr.Y.Bheem Shankar Rao	Physics
8	Dr.Ramesh Babu	Mathematics
9	Dr.Daniel Raju	Mathematics
10	Dr.Vinod Babu	Mathematics
11	Dr.Surya Narayana	Mathematics
12	Mrs.Ch.Uma Swetha	Mathematics
13	Mrs.Devaki Rani	Mathematics
14	Mrs.MSRLS.Mallika Rani	Mathematics
15	Mr.Ravi Kumar	Mathematics
16	Dr.U.Jyothi	Chemistry
17	Mr.Vara Satish	Chemistry
18	Mrs.Swarupa Rani	Chemistry
19	Mr.Anand Kumar	Mathematics
20	Dr.Md.Sabirunissa Begham	English and Humanities
21	Dr.Suresh Kumar	English and Humanities

Coordinators Dr.K.Srinivas Rao, Asst.Professor  
Mrs.N.Sivaganga kumari, Asst.Professor

Dr.P.Venkateswarulu,  
HoD & Professor  
Head of the Department of Physics  
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R. Seidanthi  
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### DEPARTMENT OF PHYSICS

#### **REPORT ON "OUTCOME BASED EDUCATION" (PROFESSIONAL DEVELOPMENT ACTIVITY)**

**Objective :** To enable the faculty about the outcome based education in current scenario to enhance various skills of the students.

The department of Physics has conducted **PROFESSIONAL DEVELOPMENT ACTIVITY** offline skill enhancement program on "Outcome based education" from 24-8-2022 to 30-8-2022 for faculty from 3.30 PM to 05.30 PM. by Dr.P.Viswarupachary, Sr.Asst Professor, Department of Physics, ANITS. In this program many concepts related outcome based educational aspects which tunes the attitude of the student towards excellence were discussed. There was a good participation and interaction of the faculty with the resource person during the questionnaire session.

Dr. P.Venkateswarulu, Prof & HoD, Department of Physics has taken care of the opening remarks. Around 20 members have participated in the event. Mrs. N. Siva Ganga Kumari, Assistant Professor, Department of Physics completed the session with vote of thanks.

On behalf of Department of Physics, I am thankful to the management & Principal Prof. K. Sri Rama Krishna, for giving an opportunity to organize the this event.

**Outcome:** The key aspects of Outcome based education understood by the faculty.

Coordinators

Dr.K.Srinivas Rao, Asst.Professor *KSR*  
Mrs.N.Sivaganga kumari, Asst.Professor *duf*

*hw*  
(Prof.P.Venkateswarulu)  
HoD & Professor

Head of the Department of Physics  
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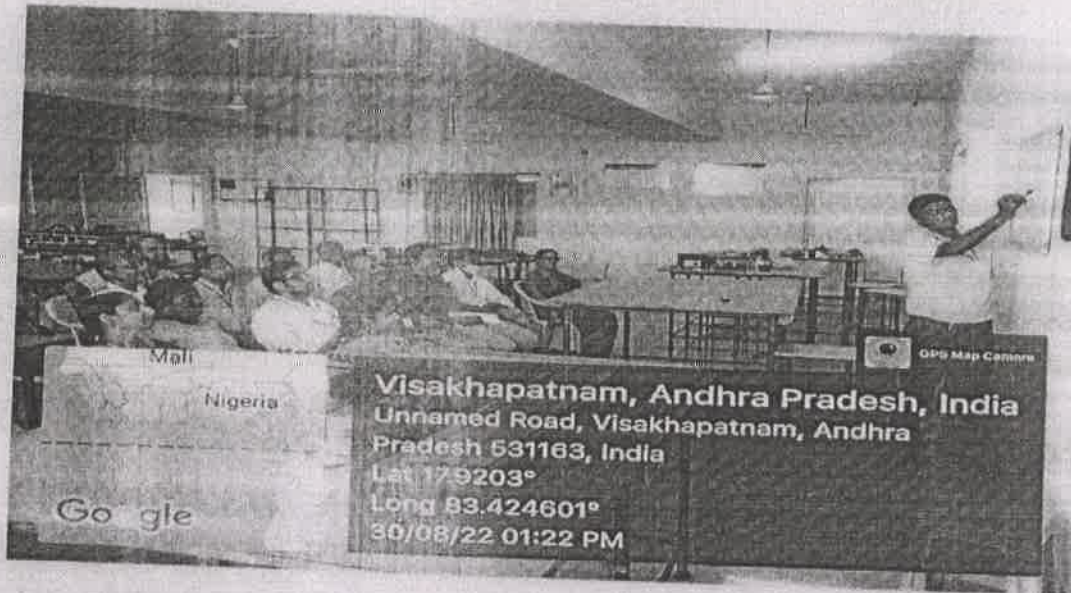




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## GEOTAGGED PHOTOS



Final session on last day of the program



*hp*  
01/08/22  
Head of the Department of Physics,  
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*R. Sridhar*  
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15.08.2022

### CIRCULAR

This is to inform all the Faculty of ANITS that, the Department of Mathematics is going to organize "A ONE WEEK FACULTY DEVELOPMENT PROGRAM ON MATLAB" from 24-08-2022 to 30-08-2022. In this regard all the faculty of Basic Science and Humanities are requested to enrol their names on or before 20-08-2022. The details of the FDP are mentioned in the brochure enclosed along with the circular.

*M.V. Subba Rao*  
Prof M.V. Subba Rao  
HoD, Mathematics

Head  
Department of Mathematics  
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Dr. K. Sri Rama Krishna  
Principal

Copy to:

1. All Engineering HODs
2. First year Corordinators
3. Principal Office

*R. Srikanth*  
Convener, IQAC  
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*KSR*  
Principal  
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### Overview

This one Week Faculty Development program on MATLAB aims to update knowledge on the recent and future trends in MatLab Techniques.

### FDP Description

Millions of engineers and scientists worldwide use MATLAB for a range of applications, in industry and academia, including deep learning and machine learning, signal processing and communications, image and video processing, control systems, test and measurement, computational finance, and computational biology and drawing graphs.

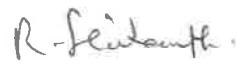
MATLAB Techniques are closely related all the disciplines that help us to analyze, predict, and respond to phenomena that occur in a random or extremely complex fashion.

### Objectives

The objective of this FDP is to learn new techniques in problem solving and facing real time problems and drawing graphs and impart knowledge on MATLAB.

After Completing program, faculty will be able to

- Have a knowledge on Matlab for writing a program
- Have a knowledge to analyse data drawing graphs.
- GUI implementation for statistical data.

  
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### Course Content

Day1 – Introduction to MATLAB

Day2 – Implementation of simple MATLAB codes

Day3 - Analyzing Statistical data and Graphs

Day4 - Simulations

Day5 – Simple Codes

Day6 - Graphical User Interface(GUI)

### Organizing Committee

#### Chief Patron

D.J.Bharath Reddy  
CEO, ANES

#### Patron

Dr. Kalva Sri Rama Krishna  
Principal

#### Convener

Prof. M.V. Subba Rao  
Head-Mathematics

#### Faculty Coordinator

Mr.B Ravi Kumar  
Assistant Professor

#### Resource Persons

Dr. K Daniel Raju, Dept of Maths Assistant Professor  
Mr. S. Anand Kumar, Dept of Maths, Assistant Professor  
Mr S Harish, Dept of EEE Assistant Professor  
Mr. K Siva Kumar Dept of ECE, Assistant Professor



Organized by

### DEPARTMENT OF MATHEMATICS

Anil Neerukonda Institute of Technology  
and Sciences (Autonomous)


Sangivalasa – 531162, Bheemunipatnam Mandal  
Visakhapatnam District, Andhra Pradesh

“A One Week Faculty Development  
Program On Matlab”

24<sup>th</sup> – 30<sup>th</sup> August 2022

Convener

Prof. M.V. Subba Rao  
Head-Mathematics

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



## REGISTRATION FORM

1. Name:
2. Department:
3. Designation:
4. Organization:
5. Mobile Number:
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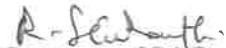
### Department of Mathematics

#### Vision:

Our vision is striving to achieve global identity through innovative teaching methods and continuous efforts for the betterment of the student community.

#### Mission:

Guidance by expert faculty and providing opportunities for acquiring the state of art knowledge to enable the students to face the fast changing world of technology and management, through in depth teaching of Mathematics to engineering students. Working as a vibrant and model department of excellence in imparting quality of education in the areas of various domains of Mathematics.

  
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Anil Neerukonda Institute of  
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Visakhapatnam Dist.

### Department Profile

The Department of Mathematics is headed by Prof. M.V.Subba Rao, who has more than 28 years of teaching experience. He has published 13 research papers in various National & International journals. At present, out of 12 teaching faculty members in the department, 6 of them are Ph.D. holders in various fields like Cryptography, Fixed Point Theory, Fluid Dynamics, Theory of Relativity and Cosmology. The department also holds 4 faculty members with M.Phil, 3 are M.Tech degree holders and 5 of the faculty members are APSET qualified. Six of the faculty members are pursuing their Ph.D. The Department handles all the Engineering Mathematics courses which help the technocrats acquire knowledge in the various disciplines of mathematics. further information about the Department, please log on to our department website: <http://mathematics.anits.edu.in>

### ANITS

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Within 21 years of its establishment, the Institute registered phenomenal growth and today, the Institute offers seven B.Tech. programs and five M.Tech. programs with annual intake of 1100 students. The College is accredited by NAAC with A grade and by NBA for the second time. It is permanently affiliated to Andhra University and was accorded Autonomous status in 2015.

The Institute has been ranked as 4<sup>th</sup> among the Private Engineering Colleges in Andhra Pradesh by APSCHE. The College was awarded "Centre of Excellence" by

Infosys in 2011 and "National Employability Award" by Aspiring Minds, New Delhi in 2014. The campus placements at ANITS are the highest in this region and the total placements are over 630 in 2019-20 so far. For further information about the Institute, please log on to our Institute website: <http://anits.edu.in>.

### Institute Location

ANITS is located in Sangivalasa, Bheemunipatnam, a short distance of 24 km and 30 minutes' drive from Visakhapatnam on the Visakhapatnam-Srikakulam NH-5.


### About Visakhapatnam

Visakhapatnam is the largest city in the State of Andhra Pradesh and is popularly known as the "City of Destiny" and the "The Jewel of the East Coast". Visakhapatnam is being developed as a Smart City by the Government of India. Tourists are attracted by its unsplit beaches, nearby scenic Araku Valley and Borra Caves, the 11<sup>th</sup> century Simhachalam temple and ancient Buddhist sites spread across the area. The city boasts a submarine museum, the first of its kind in Southeast Asia, at Rama Krishna Beach.

### Address For Correspondence

#### **Prof. M.V. Subba Rao**

Professor & Head, Department of Mathematics,  
Anil Neerukonda Institute of Technology & Sciences (A),  
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20.08.2022

### DEPARTMENT OF MATHEMATICS A ONE WEEK FDP ON MATLAB PROGRAM SCHEDULE

S.No	Date	Name Of The Speaker	Topic	Timings
1	24-08-2022	Dr K Deniel Raju (Mathematics)	Introduction to MATLAB	2:30pm to 3:30pm
2	25-08-2022	Mr S Anand Kumar (Mathematics)	Implementation of simple MATLAB codes	2:30pm to 3:30pm
3	26-08-2022	Mr S Anand Kumar (Mathematics)	Analyzing Statistical data and Graphs	2:30pm to 3:30pm
4	27-08-2022	Mr S Harish (EEE)	Simulations	2:30pm to 3:30pm
5	29-08-2022	Mr A Siva Kumar (ECE)	Simple Codes	2:30pm to 3:30pm
6	30-08-2022	Dr K Deniel Raju (Mathematics)	Graphical User Interface(GUI)	2:30pm to 3:30pm

*R. Seikant*  
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*M. V. Subba Rao*  
Prof M.V. Subba Rao  
Head of the  
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HoD, Mathematics  
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email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

23.08.2022

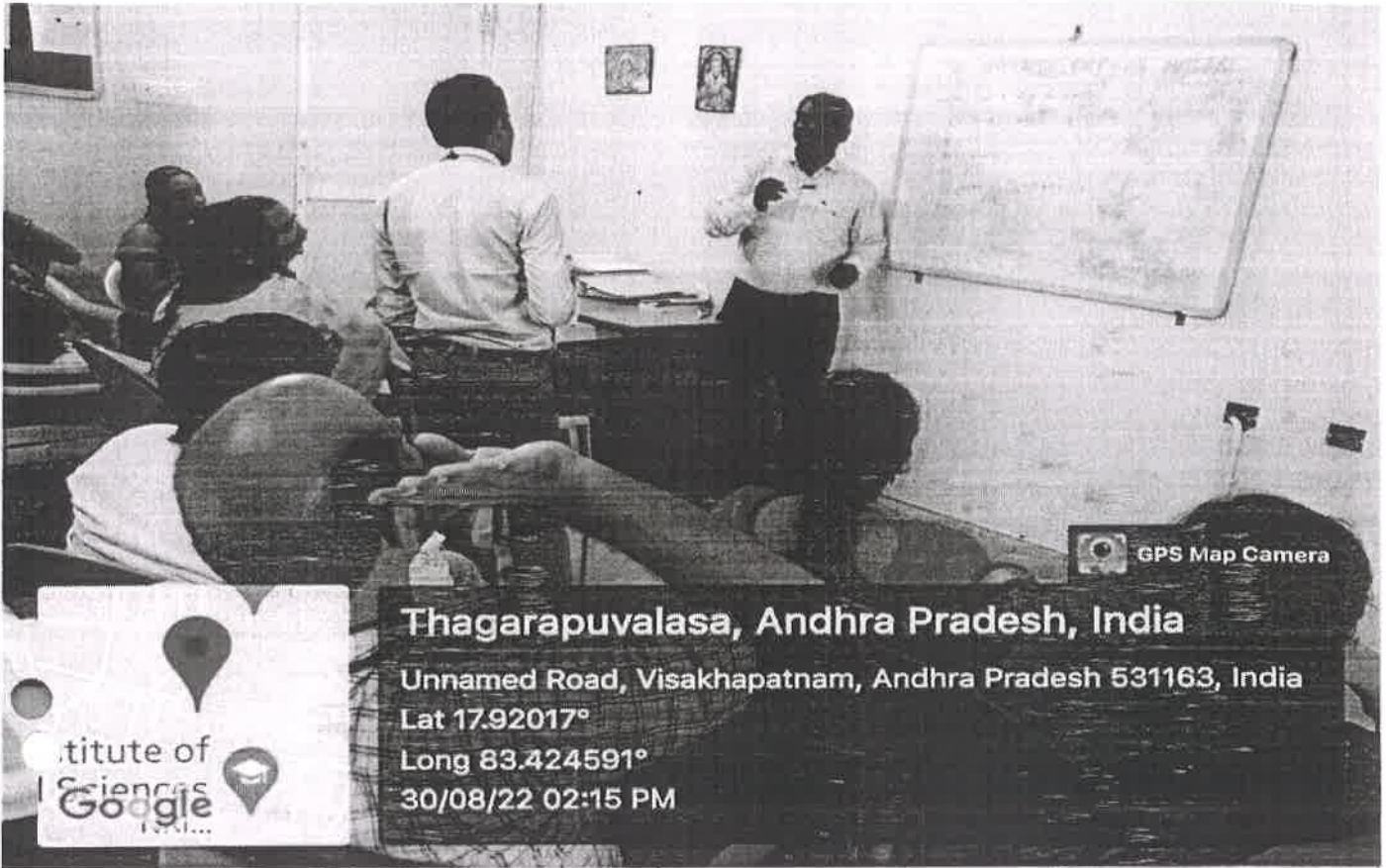
## ONE WEEK MATLAB FDP ATTENDANCE SHEET

S.No	Name Of The Faculty	Department	Day-I	Day-II	Day-III	Day-IV	Day-V	Day-VI
			24/8/2022	25/8/2022	26/8/2022	27/8/2022	29/8/2022	30/8/2022
1	Dr. G. Anandapa	Mathematics	A	A	A	A	A	A
2	Mallika m	Mathematics	A	A	A	A	A	A
3	B. Deepika	Mathematics	A	A	A	A	A	A
4	Dr. Y.B. Shankar Rao	Physics	A	A	A	A	A	A
5	Dr. P. Venkateswara	Physics	A	A	A	A	A	A
6	Dr. K. Seetha	PHYSICS	A	A	A	A	A	A
7	B. RAVI KIRAN	Math	A	A	A	A	A	A
8	Dr. K. Devidas	Math	A	A	A	A	A	A
9	Dr. G. Srinivasan	Math	A	A	A	A	A	A
10	M.V. SUBBARAO	Math	A	A	A	A	A	A
11	T. Sreenivas	Math	A	A	A	A	A	A
12	Dr. M. Vinod Kumar	Math	A	A	A	A	A	A
13	Dr. A. Ramesh Babu	"	A	A	A	A	A	A
14	Ch. Uma Swetha	Maths	A	A	A	A	A	A
15	L. Santosh Kumar	Physics	A	A	A	A	A	A
16	Dr. T. Mahalingam	Physics	A	A	A	A	A	A
17	Dr. P. Viswanath	Physics	A	A	A	A	A	A
18	N. Siva Ranga Kumar	Physics	A	A	A	A	A	A
19	Dr. M. Padma Lakshmi	Chemistry	A	A	A	A	A	A
20	Dr. A. Srinivasan	Chemistry	A	A	A	A	A	A
21	Dr. V. Bindu Neha	Mech	A	A	A	A	A	A
22	Dr. B. Brahmaiah	Physics	A	A	A	A	A	A
23	Mr. D. GURUNATH	Chemical	A	A	A	A	A	A
24	S. Anand	Math	A	A	A	A	A	A

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

Principal, Prof. M.V. Subba Rao  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist

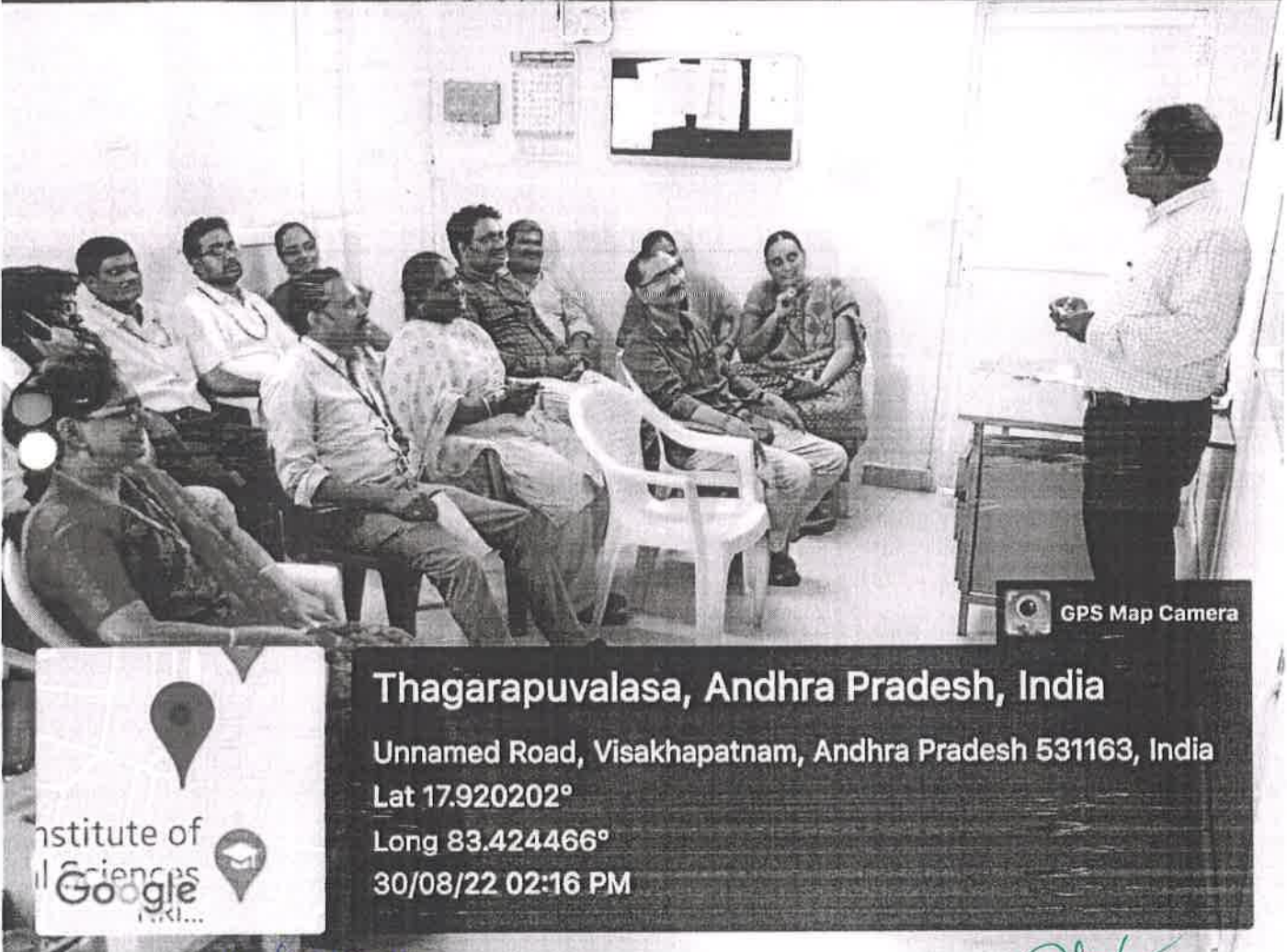




GPS Map Camera



**Thagarapuvalasa, Andhra Pradesh, India**  
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 Long 83.424591°  
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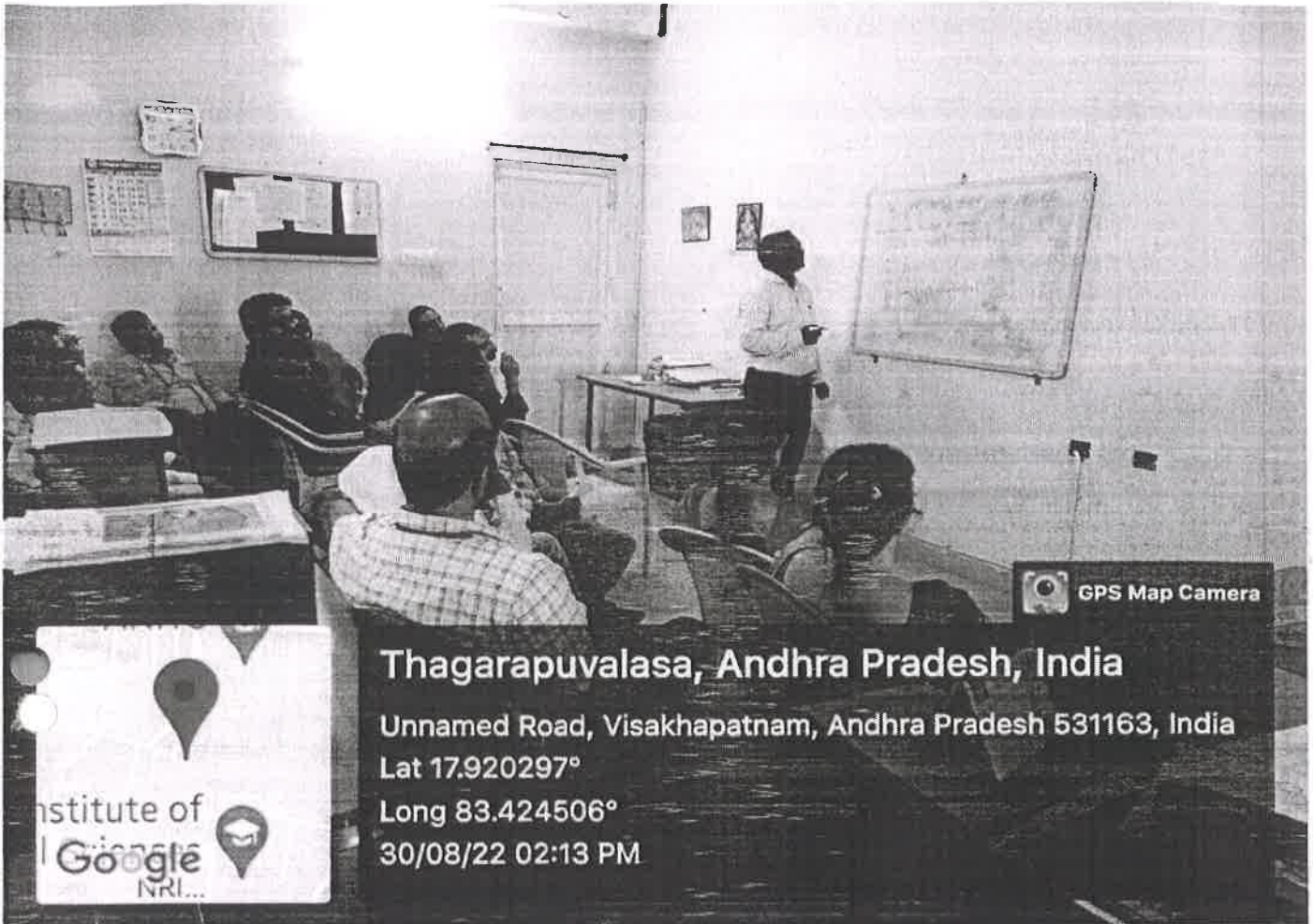


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*R. Sankar*  
**Convener, IQAC**  
 Anil Neerukonda Institute of  
 Technology & Sciences  
 Sangivalasa-531 162  
 Visakhapatnam Dist.

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





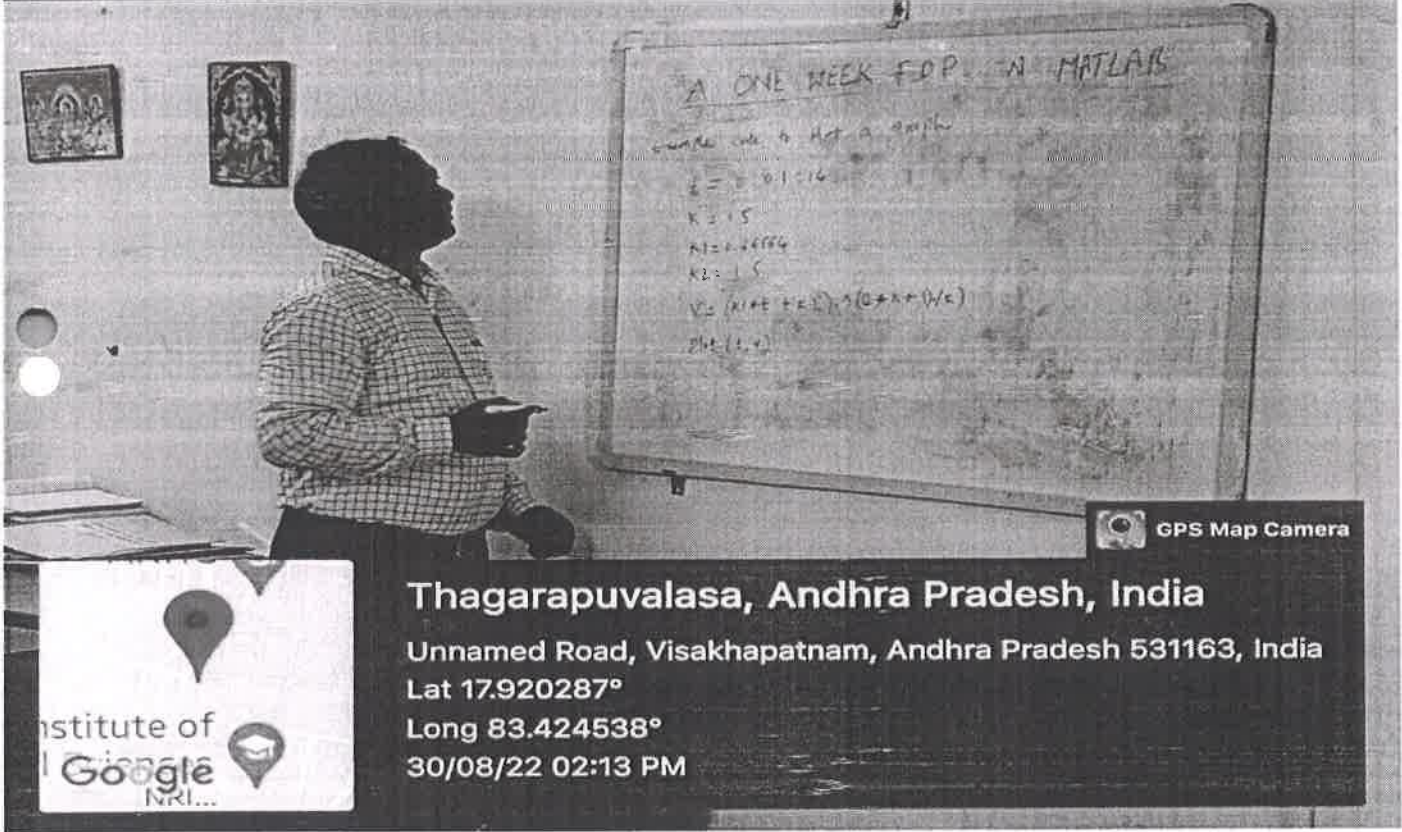
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Google  
NRI...



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GPS Map Camera



Institute of  
Google  
NRI...



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

*AW*  
**Principal**  
 Anil Neerukonda Institute of  
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 Visakhapatnam Dist.





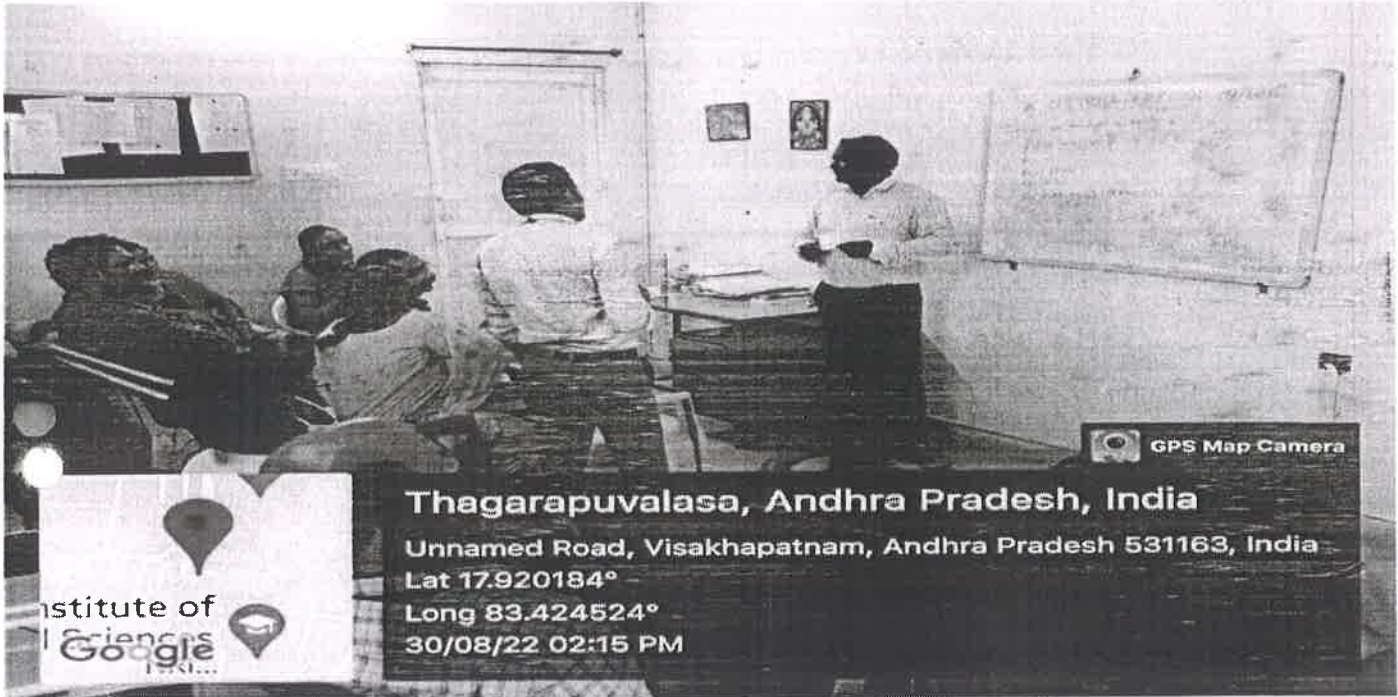
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Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC  
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Phone: 08933-225083/84/87 Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

## ONE WEEK MATLAB PHOTOS (2021-2022)



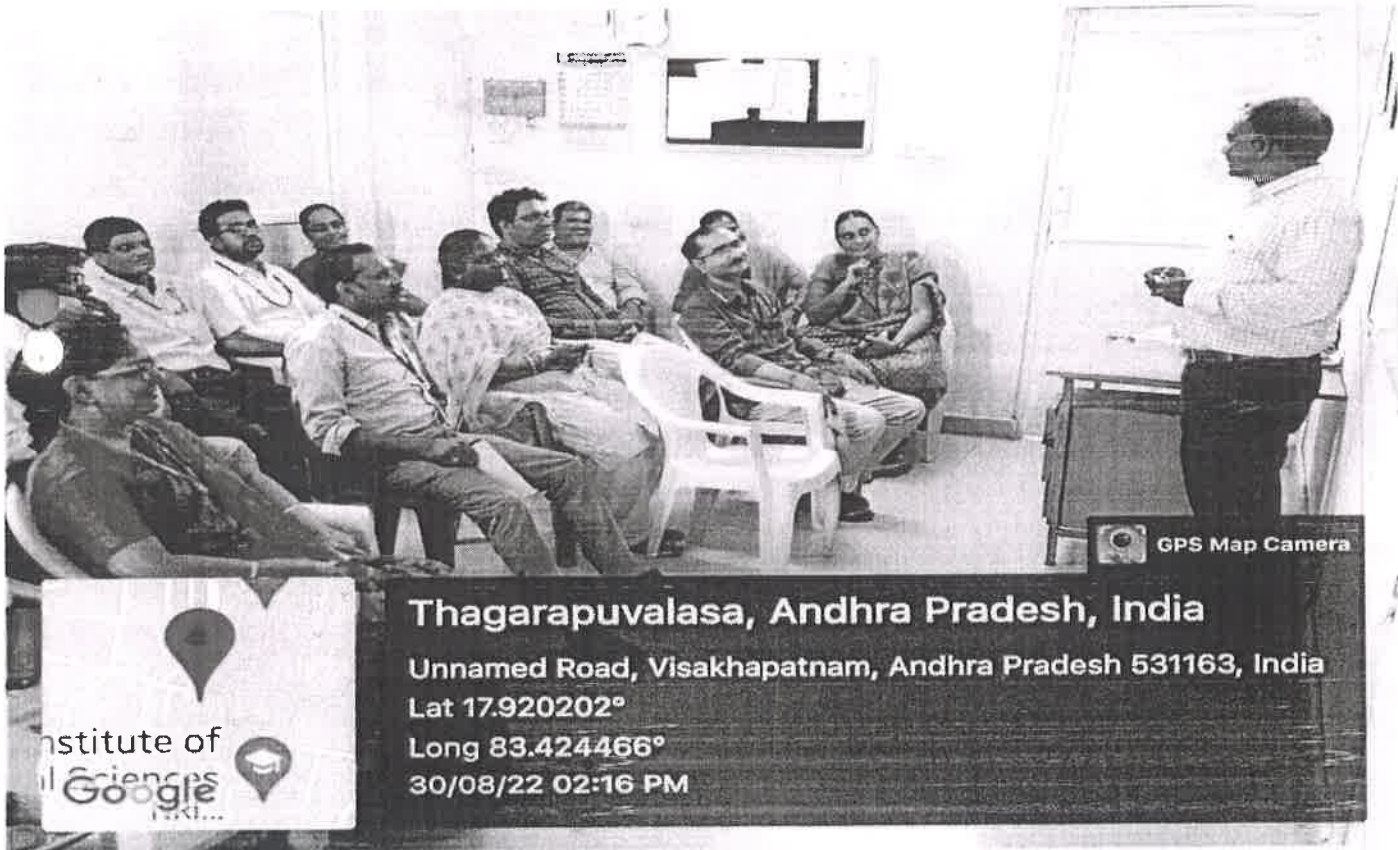
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Unnamed Road, Visakhapatnam, Andhra Pradesh 531163, India

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Thagarapuvalasa, Andhra Pradesh, India

Unnamed Road, Visakhapatnam, Andhra Pradesh 531163, India

Lat 17.920202°

Long 83.424466°

30/08/22 02:16 PM

*R. Seidath*  
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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email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

Website: [www.anits.edu.in](http://www.anits.edu.in)

## REPORT OF FACULTY DEVELOPMENT PROGRAM ON MATLAB

Date: 31-08-2022

The department of Mathematics has organised "A ONE WEEK FACULTY DEVELOPMENT PROGRAM ON MATLAB" from 24<sup>th</sup> August-2022 to 30<sup>th</sup> August-2022 for the faculties of ANITS. The objective of this FDP is to learn new techniques in problem solving and facing real time problems and drawing graphs and impart knowledge on MATLAB.

### **Contents covered:**

- Introduction to MATLAB
- Implementation of simple MATLAB codes
- Analyzing Statistical data and Graphs
- Simulations
- Simple Codes
- Graphical user Interface

### **DAY-I:**

The FDP starts with inauguration by Prof K Srirama Krishna, Principal sir along with Prof M.V Subba Rao, Head of the department, Mathematics and faculty from various departments with opening remarks. After inauguration the first session of Day-1 has started by Dr K Deniel Raju, Assistant Professor, Mathematics. He was explained about the need and importance of MATLAB and he also discussed the applications of MATLAB in engineering and various fields.

### **DAY-II:**

The Second day of the FDP started by Mr S.Anand Kumar, Assistant Professor, Mathematics. He explained about simple Matlab codes with examples. He also explain how to use codes in practical session.

### **DAY-III:**

The Third day of the FDP started by Mr S.Anand Kumar, Assistant Professor, Mathematics. He explained about how to analyze the statistical data and drawing graphs with grouped and ungrouped data by using MATLAB.

*R. Reddy*  
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Visakhapatnam Dist.

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

**DAY-IV:**

The Fourth day of the FDP started by Mr S.Harish, Assistant Professor, Department of EEE. He explained about simulations techniques of MATLAB with examples and participants are actively participated in the session.

**DAY-V:**

The fifth day of the program started by Mr. A Siva Kumar, Department of ECE, Assistant Professor. He explained about Matrices algebra with examples and solving linear system of equations with the help of matrices by using MATLAB.

**DAY-VI:**

The last day of the program was started by Dr K Deniel Raju, Assistant Professor, Mathematics and he explained about Graphical user interface and the program was closed by valedictory with vote of thanks by Smt Ch Uma Swetha, Assistant professor, Department of Mathematics.

*M.V. Subba Rao*

Prof M.V. Subba Rao  
HoD, Mathematics  
Department of Mathematics  
Anil Neerukonda Institute  
Technology & Science  
Sangivalasa-531 162  
Visakhapatnam Dist

*R. Seikhanth*

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

*ae*

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



10-08-2022

CIRCULAR

This is to Inform all the technical and supporting staff of ANITS that a workshop on  
"Communication skills and Grooming Etiquette" will be conducted by the  
Department of English and Humanities. Please attend as per the schedule below.

Dates : 12th & 13th August, 2022

Time : From 2:30 pm to 3:30 pm

Venue : SS Lab, A-202 (Admin Block, First Floor)

Faculty Coordinators:

Ms. Deepa Thumma.

Dr. P. Suresh Kumar.

HOD

Department of English & Humanities

Copy to:

1. All Engineering HODs (request to be circulated among the technical and supporting staff)
2. Admin office file.

Convener, IQAC

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

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





ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES  
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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.  
Phone: 08933-225083/84/87, Fax: 226395

To

16-08-2022

The Principle

Anil Neerukonda Institute of Technology and Sciences  
Sangivalasa-531162

**A report on workshop conducted for technical and supporting staff on COMMUNICATION SKILLS AND GROOMING ETIQUETTE**

Date : 12th & 13th August, 2022  
Department : English and Humanities  
Type of Event : Administrative Training program for non-teaching staff  
Activity Related to : Technical and supporting staff  
No of Participants : 37

**RESOURCE PERSON/ EVENT COORDINATORS:** Coordinated by Ms. Deepa Thumma, Asst. Prof. Dept. of English & Humanities and Dr. P.Suresh Kumar, Asst. Prof. Dept. of English & Humanities

**DESCRIPTION OF THE EVENT:**

A Workshop was organized for the technical and supporting staff on Communication Skills and Grooming Etiquette as a part of Administrative Training Program for Non-teaching staff on 12th & 13<sup>th</sup> August, 2022 at Softskills Lab, Room No:A-202 (Admn. Block) from 2:30 pm to 3:30 pm. 37 Technical and supporting staff actively participated.

**The main objectives of the workshop are:**

To educate them regarding the importance of good communication skills which are very essential for day to day work life

To make them aware of personal grooming, hygiene, dressing and the way they conduct them in professional setting that shows their attitude, professionalism which adds confidence to their image.

**DURATION OF THE EVENT [DAYS]:** 02

Faculty Coordinators:

Ms. Deepa Thumma,

Dr. P.Suresh Kumar

HOD

Department of English & Humanities

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

Department of English & Humanities

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

**ATTENDANCE SHEET**  
**Communication and Grooming Etiquette** August, 2022  
**Department of English & Humanities**

12th, 13th Attendance.

SL.No.	Name of the Staff	Designation & Department	Signature
1	VANKA RAVI DHARMANI	EEE, Lab Technician	[Signature]
2	A. V. S. Srinivas	OD EXAMINER	[Signature]
3	T. MOUKESH	office Assistant cum	[Signature]
4	B. Suresh	civil Attender	B.Suresh
5	K. Appala Reddy	EGG Lab Technician	[Signature]
6	G. Chandora Sekhar	IT programmer	G. Chandu
7	S. Venkata Lakshmaiah	EEE, Lab Tech	S.V.L.
8	V. APPALAKSHY AMY	EET, Attender	V. S. AMY
9	N. Venkata Sai	English, Attender	N. Sai
10	A. TRAJESH	LAB-HELPER	[Signature]
11	R. Venkata Ratnam	Office Assistant	[Signature]
12	Ch. Parvathi Devi	off. Assistant	Ch. Parvathi Devi
13	B. Sailaja	off. Assistant	[Signature]
14	Z. Karaka Rao	programmer	[Signature] 13/08/22
15	B. Venkata Appala	Attender EEE	[Signature]
16	N. Kumar Krishna	Attender	[Signature] 13/8/22
17	N. Sathish	Programmer	[Signature]
18	P. Kumaraswamy	Lab Tech. - EEE	[Signature]
19	K. Sai Prasad	Lab technician	[Signature]
20	K. Srinu	Lab technician	[Signature]
21	N. Siva Krishna	Lab Technician	[Signature]

R. Seidanthi  
**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.

(English) 13/8/22

## ATTENDANCE SHEET

Communication and Grooming Etiquette, August, 2022

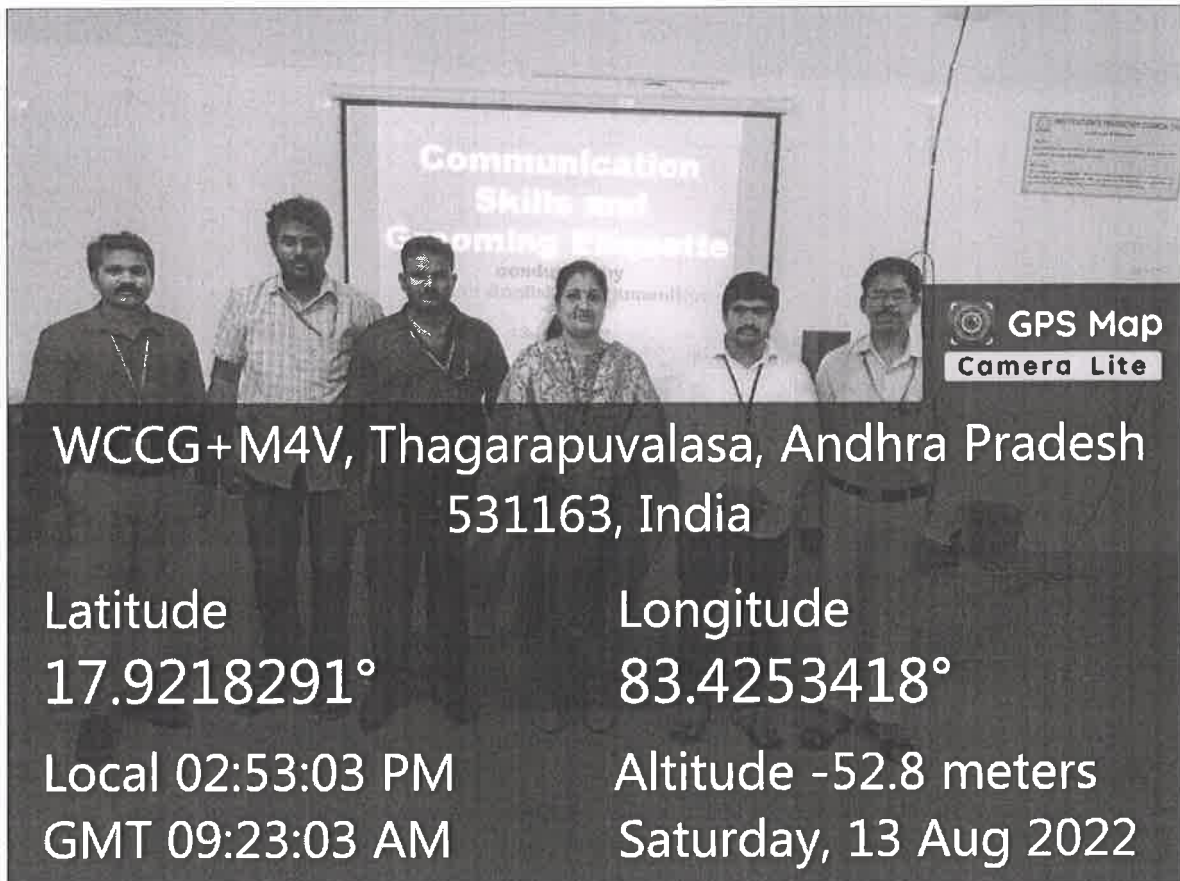
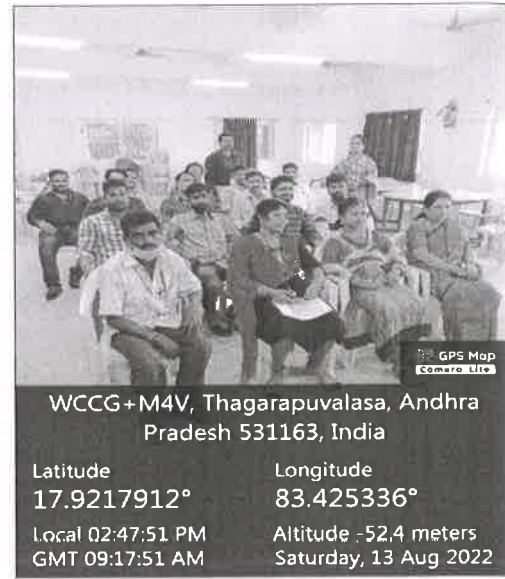
Department of English & Humanities

12th & 13th Attendance

SL.No.	Name of the Staff	Designation & Department	Signature
22	P. Anand	TSP	P. Anand
23	AKRANAND HOTA RAO	TSP	AKR
24	K. V. VARMA	ECE	K. V. Varma
25	N. Lomana	ECE	N. Lomana
26	B. Sankar	Admin	B. Sankar
27	V. SRINIVASA RAO	Mechanical	V. Srinivas
28	N. Sai Kiran	Chemical (Attender)	N. Sai Kiran
29	K. Nagamani	Chemistry	(KN)
30	D. Suresh	Chemistry (Lab Tech)	D
31	N. Rama Krishna	Chemistry (Attender)	(NRK)
32	CH. Yella Reddy	Chemistry (Lab Tech)	C. Y. Reddy
33	G. V. Naya Simham	IT (Attender)	G. V. Naya Simham
34	K. Narsing Rao	Physics (I)	KNR
35	B. Suresh	Maths (I)	Suresh
36	K. V. Akh Rao	IT (I)	K. V. Akh Rao
37	S. Sankar dal	Chemical	S. Sankar dal
<b>Faculty Coordinators</b>			
①	Dr. Deepa Thumma	(Thumma)	Deepa Thumma 13/08/22
②	Dr. P. Suresh Kumar	(Suresh)	P. Suresh Kumar 16/08/22



A Two Day Workshop on Communication skills and Grooming Etiquette  
Conducted On 12<sup>th</sup> and 13<sup>th</sup>, August 2022  
by Dept of English and Humanities,  
ANITS



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

*AW*  
Principal  
Anil Neerukonda Institute of  
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Sangivalasa-531 162, BheemunipatnamMandal, Visakhapatnam District-

**COURSE COMPLETION CERTIFICATE**

**THIS IS TO CERTIFY THAT MR. /MS. NAMMI SIVA KRISHNA, LAB TECHNICIAN, DEPT OF ENGLISH AND HUMANITIES HAS PARTICIPATED IN A TWO DAY WORK SHOP ON COMMUNICATION SKILLS AND GROOMING ETIQUETTE ORGANIZED BY THE DEPARTMENT OF ENGLISH & HUMANITIES AT ANITS FROM 12<sup>ST</sup>-13<sup>TH</sup> AUGUST, 2022.**

**HOD**  
**English & Humanities**  
**ANITS**

**Principal**  
**ANITS**

*R. Seibanthi.*  
Convener,  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
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*RW*  
Principal  
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Sangivalasa-531 162, BheemunipatnamMandal, Visakhapatnam District-

**COURSE COMPLETION CERTIFICATE**

**THIS IS TO CERTIFY THAT MR. /MS. T. NOOKESH, OFFICE ASSISTANT, EXAM CELL HAS  
PARTICIPATED IN A TWO DAY WORK SHOP ON COMMUNICATION SKILLS AND GROOMING  
ETIQUETTE ORGANIZED BY THE DEPARTMENT OF ENGLISH & HUMANITIES AT ANITS  
FROM 12<sup>ST</sup>-13<sup>TH</sup> AUGUST, 2022.**

**HOD  
English & Humanities  
ANITS**

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

**Principal  
ANITS**  
*[Signature]*  
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## CIRCULAR

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING


Ref:ANITS/ECE/WORKSHOP

July 18<sup>th</sup>, 2022.

This is hereby informed to the Non Teaching staff of the Department of ECE, that a one week technical workshop titled "A practical Approach to IoT and cloud connectivity", is scheduled on 28<sup>th</sup> July to 3<sup>rd</sup> August of 2022. Hence, I request all to avail this opportunity and enhance your skills.

#### Resource persons:

1. Dr.S.Srinivas  
Associate professor, Dept of ECE
2. Mr.B.Chandra Mouli  
Assistant professor, Dept of ECE
3. Mr. Niitin Kumar  
Assistant professor, Dept of ECE

  
Co-ordinator

Dr.S Srinivas

Associate Professor, Dept of ECE.

  
Dr.V.Rajya Lakshmi

Professor & HOD

Dept. of ECE.

Head of the Department  
Department of ECE

Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

#### Circulate to

Staff, ECE,

Notice Board, ECE,

Mrs.B.Deepa, Website coordinator,

Office,

Workshop file co-ordinator.

  
Convener, IQAC  
Anil Neerukonda Institute of  
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## DEPT.OF ELECTRONICS & COMMUNICATION ENGINEERING

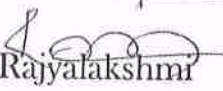
One week workshop on A PRACTICAL APPROCH TO IOT & CLOUD CONNECTIVITY

During 28-07-22 to 03-08-2022

### SCHEDULE

Date	Time	Topic	Name of the Faculty
28-07-2022	9AM to 12PM	Introduction to Basics of Ardiuno	Mr.Nitin Kumar Dr.S .Srinivas
	1PM to 3PM	Practice on Arduino	Mr.B.ChandraMouli
29-07-2022	9AM to 12PM	Practice on with sensors(IR, Ultrasonic)	Mr.Nitin Kumar Dr.SSrinivas
	1PM to 3PM	Practice on Ardiuno (RGB, Gas sensor,Relay interface)	Mr.Nitin Kumar Dr.S .Srinivas
30-07-2022	9AM to 12PM	Introduction to Basics on node MCU	Mr.Nitin Kumar
	1PM to 3PM	Practice on automation using node MCU.	Mr.Nitin Kumar Dr.S .Srinivas
01-08-2022	9AM to 12PM	Practice on automation using node MCU. With Blynk App.	Mr.Nitin Kumar
	1PM to 3PM	Practice on automation using node MCU. With Blynk App	Mr.Nitin Kumar Dr.S .Srinivas
02-08-2022	9AM to 12PM	Introduction to Raspberry Pi	Mr.Nitin Kumar
	1PM to 3PM	Programming the Raspberry Pi using Python	Dr.S .Srinivas Mr.Nitin Kumar
03-08-2022	9AM to 12PM	Interface Humidity, Temperature, Motion. With Raspberry Pi	Mr.Nitin Kumar Dr.S .Srinivas
	1PM to 3PM	Node-RED Programming with Raspberry Pi	Mr.Nitin Kumar Dr.S .Srinivas

  
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 Dr. V. Rajyalakshmi  
 HOD, Dept.of ECE.  
 Head of the Department  
 Department of ECE  
 Anil Neerukonda Institute of Technology & Sciences  
 Sangivalasa-531 162  
 Visakhapatnam Dist.





*One week workshop on*  
“A PRACTICAL APPROACH TO IOT & CLOUD CONNECTIVITY”  
FOR TECHNICAL STAFF

*28<sup>th</sup> JULY to 03<sup>rd</sup> August, 2022*

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

*Anil Neerukonda Institute of Technology and Sciences*

**Resource Persons**

Mr. S.Srinivas  
Mr.B.Chandra Mouli  
Mr. Nitin Kumar

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

**Convener**

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

**Dr. V. Rajya Lakshmi**  
Prof & Head, ECE



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Website: [www.anits.edu.in](http://www.anits.edu.in) email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### Node MCU Learning Outcomes:

By the end of this course.

- Learned How automation using node MCU and Blynk App.
- How to make a wi-fi hacker and Jammer with node MCU
- How to track real time location using Esp8266.

### Learning Objectives of Raspberry Pi:

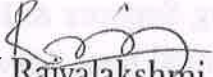
- Participant will be able to identify each component of Raspberry Pi3B+
- Participant will be able to demonstrate the construction of Pi3b+
- Participant will be able to install an operating system Raspbian
- Participants will Understand Python Interpreted Language.
- Participant will learn data types in Python, importing libraries.
- Participant will learn about sensors.


### Outcomes of Raspberry Pi :

After completion of the course, Participant Learned following

- Understand the working of raspberry Pi3b+ and understand IoT practically.
- How to interface Humidity, Temperature, Motion, obstacle detection using Ultrasonic sensor.
- Communicating Using Rpi-GSM interfacing, Accessing on-board wi-Fi.

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

  
Dr. V. Rajyalakshmi  
HOD, Dept. of ECE.  
Head of the Department  
Department of ECE  
Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

  
Principal  
Anil Neerukonda Institute of  
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Visakhapatnam Dist.



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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Sangivalasa-531 162, BheemunipatnamMandal, Visakhapatnam District

## ONE WEEK WORKSHOP ON

### A PRACTICAL APPROACH TO IOT & CLOUD CONNECTIVITY

#### REPORT


One week workshop on “A PRACTICAL APPROACH TO IOT & CLOUD CONNECTIVITY”Is organized by department of ECE during 28<sup>th</sup>to 3rd August 2022 for technical staff and 6 members had participated.

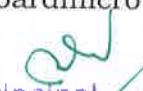
#### Schedule:

Date	Time	Topic	Name of the Faculty
28-07-2022	9AM to 12PM	Introduction to Basics of Ardiuno	Mr.Nitin Kumar Dr.S .Srinivas
	1PM to 3PM	Practice on Arduino	Mr.B.ChandraMouli
29-07-2022	9AM to 12PM	Practice on with sensors(IR, Ultrasonic)	Mr.Nitin Kumar Dr.SSrinivas
	1PM to 3PM	Practice on Ardiuno (RGB, Gas sensor,Relay interface)	Mr.Nitin Kumar Dr.S .Srinivas
30-07-2022	9AM to 12PM	Introduction to Basics on node MCU	Mr.Nitin Kumar
	1PM to 3PM	Practice on automation using node MCU.	Mr.Nitin Kumar Dr.S .Srinivas
01-08-2022	9AM to 12PM	Practice on automation using node MCU. With Blynk App.	Mr.Nitin Kumar
	1PM to 3PM	Practice on automation using node MCU. With Blynk App	Mr.Nitin Kumar Dr.S .Srinivas
02-08-2022	9AM to 12PM	Introduction to Raspberry Pi	Mr.Nitin Kumar
	1PM to 3PM	Programming the Raspberry Pi using Python	Dr.S .Srinivas Mr.Nitin Kumar
03-08-2022	9AM to 12PM	Interface Humidity, Temperature, Motion. With Raspberry Pi	Mr.Nitin Kumar Dr.S .Srinivas
	1PM to 3PM	Node-RED Programming with Raspberry Pi	Mr.Nitin Kumar Dr.S .Srinivas

#### DAY 1:

In morning session,Mr.Nitin Kumar, Assistant professor, Department of ECE has explained the installation process, Basics of ARDUINO pin configuration and on-board micro controller. In the

  
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Visakhapatnam Dist.



**DAY 3:**

Mr.Nitin Kumar had Explained about NodeMCU and showed how to use node MCU esp8266 in a proper way. He had given proper guidance about how to integrate blynk App. With esp8266.



Fig.3: Node MCU operation by Mr.Nitim Kumar

**Outcomes:**

By the end of this course.

Learned How to do Atomization of home appliances like Led Bulb and ceiling Fan using node MCU and Blynk App.

**DAY 4 :**



Fig.4: Raspberry Pi3B+ demonstration by Mr.Nitim Kumar

*L. Seibanth*  
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**DAY 6 :**

Mr. Nitin Kumar had Explained the following experiments using Raspberry Pi

1. Measuring Temperature & Humidity of the room atmosphere using DHT11 sensor with buzzer indication.
2. Controlling LED Bulb through cloud connectivity using Raspcontroller mobile App.
3. Controlling DC FAN through cloud connectivity using Raspcontroller mobile App.



**Outcomes:**

By the end of the day

Participant learned how to measuring Temperature & Humidity of the room atmosphere using DHT11 sensor with buzzer indication, Controlling LED Bulb and DC FAN through cloud connectivity using Raspcontroller mobile App.

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

*[Signature]*  
Dr.V.Rajya Lakshmi  
Prof & HOD, ECE  
Head of the Department  
Department of ECE  
Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162  
Principal  
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Visakhapatnam Dist.



# Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

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Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Day: 2

Date: 29/07/2022

## One Week workshop on A PRACTICAL APPROACH TO IOT & CLOUD CONNECTIVITY

### List of Participants Signature Sheet

S.NO	Name	Signature
1.	Mr.S.S.Krupakar	
2.	Mr K.V.Varma	
3.	Mr P.V.Ramana	
4.	Mr K.Srinu	
5.	Mr K.Srinivas Rao	
6.	Mr P.Kumara swamy	
7.	S.Shahjahan	

Dr.V.Rajya Lakshmi  
Professor & HOD , ECE

Head of the Department  
Department of ECE

Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

R. Srikanth  
Convener, IQAC  
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Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Day. 4

Date: 01/08/2022

### One Week workshop on A PRACTICAL APPROACH TO IOT & CLOUD CONNECTIVITY

#### List of Participants Signature Sheet

S.NO	Name	Signature
1.	Mr.S.S.Krupakar	
2.	Mr K.V.Varma	
3.	Mr P.V.Ramana	
4.	Mr K.Srinu	
5.	Mr K.Srinivas Rao	
6.	Mr P.Kumara swamy	
7.	S.Shahjaha	

Dr.V.Rajya Lakshmi  
Professor & HOD , ECE

Head of the Department  
Department of ECE  
Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

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Principal  
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# Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Day:5

Date: 02/08/2022

### One Week workshop on

### A PRACTICAL APPROACH TO IOT & CLOUD CONNECTIVITY

### List of Participants Signature Sheet

S.NO	Name	Signature
1.	Mr.S.S.Krupakar	
2.	Mr K.V.Varma	
3.	Mr P.V.Ramana	
4.	Mr K.Srinu	
5.	Mr K.Srinivas Rao	
6.	Mr P.Kumara swamy	
7.	B.Shahjaha	

Dr.V.Rajya Lakshmi  
Professor & HOD , ECE

**Head of the Department**  
**Department of ECE**  
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Sangivalasa-531 162

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

# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (AI)

(Affiliated to AU, Approved by AICTE, Accredited by NBA and NAAC with 'A' Grade)

Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

Department of Electronics and Communication Engineering



## Certificate of Participation

*This is to certify that Mr. K.Srinu has participated in a ONE WEEK workshop on "A PRACTICAL APPROACH TO IoT & CLOUD CONNECTIVITY" organised by Department of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology and Sciences during 28-07-2022 to 03-08-2022.*

Dr. V. Rajyalakshmi  
HOD-ECE, ANITS

Convener, IQAC  
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Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.

Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
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# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

(Affiliated to AU, Approved by AICTE, Accredited by NBA and NAAC with 'A' Grade)

Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

Department of Electronics and Communication Engineering



## Certificate of Participation

*This is to certify that Mr.P.Kumara Swamy has participated in a ONE WEEK workshop on "A PRACTICAL APPROACH TO IoT & CLOUD CONNECTIVITY" organised by Department of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology and Sciences during 28-07-2022 to 03-08-2022 .*

Dr. V. Rajyalakshmi  
HOD-ECE, ANITS

Convener, IQAC  
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Technology & Sciences  
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Visakhapatnam Dist.

Principal  
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## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Approved by AICTE, New Delhi, Accredited by NBA & NAAC, Permanently Affiliated to AU, Visakhapatnam)

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email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

Dt: 04-07-2022

### Circular

The Department of Electrical & Electronics Engineering, in association with Electronics & ICT Academy, NIT Warangal is organizing A two-week Online Faculty Development Program on **"Cyber Security Challenges, Detection and Mitigation Techniques For the Smart Grid"** from 25<sup>th</sup> July- 3<sup>rd</sup> Aug 2022.

- Time: **02:00 PM to 04:00 PM & 04:15 PM to 06: 15 PM**
- Resource Persons: Young & Energetic eminent & finest Researchers & Faculty from Institute of high repute such as International Universities, IITs, NITs, IIITs & Industry experts.
- Participants: Faculty / Ph.D. scholars of Electrical Engineering / allied disciplines & Industry personnel.
- Participants are required to apply through an online registration form by clicking on the link: <https://forms.gle/AfRShCsHc6xeta617>

Registration Fee Particulars	
Faculty and Research Scholars	Rs.500/-
Industry Participants	Rs.1500/-

Online Transfer Details	
Account Name	Electronics & ICT Academy NITW
Account No	62423775910
IFSC	SBIN0020149
Bank and Branch	SBI, NIT Warangal

- Please find the attached FDP brochure for information
- Link can also be found at: <https://nitw.ac.in/eict/csanits1.php>
- Please circulate to your colleagues and friends.

#### Coordinators:

1. Dr. P. Srinivasan, Assistant Professor, Dept. of EE, NIT Warangal (8332969289)
2. Dr. J. Vijaya Kumar, Professor, Dept. of EEE, ANITS (A) (9290852689)

*R. Srikant*  
Convener, IQAC  
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Sangivalasa-531 162  
Visakhapatnam Dist.

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

*[Signature]*  
(Prof. G. Raja Rao)  
HOD, EEE



## Two Weeks ONLINE FACULTY DEVELOPMENT PROGRAMME on Cyber Security Challenges, Detection and Mitigation Techniques for the Smart Grid (25<sup>th</sup> July– 03<sup>rd</sup> August 2022)

Organized by

**Electronics & ICT Academy, NIT Warangal**

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

in association with

**Anil Neerukonda Institute of Technology and Sciences (Autonomous), Visakhapatnam**



### Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy's role is to offer Faculty Development Programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

### About the FDP:

This FDP is designed to address various threats and vulnerabilities that can affect Cyber security in the smart grid. It aims to encourage various zonal professionals/academicians towards research and for their academic quality and improvement. This course will offer a unique opportunity to all the participants about the challenges and mitigation techniques with respect to the Cyber security through theoretical sessions along with simulation environment. Any cyber-attack can damage the key elements, confidentiality, integrity, and availability of the smart grid. Therefore, it is very essential to know the security measures to avert these threats and techniques to minimize the chances of cyber-attack at different levels.

### Major Course Contents:

- Introduction to Smart Grid: Overview and Architecture.
- Cyber security issues for Advanced Metering Infra structure (AMI).
- Cyber-attacks and solutions on load frequency control in smart grids.
- Real-Time False Data Injection attacks against Economic dispatch, State Estimation and DG in Smart Grid.
- Online Identification and Data Recovery for PMU Data Manipulation Attack.
- Securing of Data Exchange in a Power Transmission System Considering Congestion Management.
- Cyber-attacks and solutions on SCADA Networks.
- Dynamic Load altering attacks against PS Stability.
- Cyber security of Smart Electric Vehicle Charging.

### Faculty conducting this programme:

The programme will be conducted in online mode by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver lectures as part of the course.

### How to apply:

Participants are required to fill in the online registration form given in the <https://forms.gle/AfRShCsHc6xeta617>

### Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

### Registration Fee Particulars:

Faculty and Research Scholars	Rs.500/-
Industry Participants	Rs.1500/-

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

### Important Dates:

Last date (Application & DD)	22 <sup>nd</sup> July 2022
Selection List by E- mail	23 <sup>rd</sup> July 2022
Duration	25 <sup>th</sup> July – 3 <sup>rd</sup> August 2022

Participants need to pay the Registration Fee online using the following details:

### Online Transfer Details

Account Name	Electronics & ICT Academy NITW
Account No	62423775910
IFSC	SBIN0020149
Bank and Branch	SBI, NIT Warangal

### Course Evaluation:

Continuous assessments at regular intervals. Assessment includes MCQ's, Fill in the Blanks, True/False and/or scenario based questions.

### About NITW & EED, Warangal:

NIT Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 32 post- graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students study on the campus. Its R&D activities have gained momentum with funding/MoU from governmental agencies/industries.

The Electrical Engineering Department (EED) was established as one of the major departments of NITW, in the year 1959. It offers B.Tech in Electrical & Electronics Engineering, M.Tech program in Power Electronics & Drives and Power Systems and Ph.D. program. Warangal is known for its rich historical and cultural heritage.

### About ANITS and Dept. of EEE, Visakhapatnam:

ANITS was established in the academic year 2001-02 by Anil Neerukonda Educational Society (ANES) which was founded by Dr. N.B.R. Prasad, and is now owned by Megha Engineering and Infrastructure Limited (MEIL), Hyderabad. The college is approved by AICTE and is permanently affiliated to Andhra University, Visakhapatnam. It has been given autonomous status by UGC. The Institute is accredited by NAAC & NBA (Tier-1). ANITS strives to provide state-of-art infrastructure, Innovate and experiment teaching methodologies and learning resources and focus on research, training and consultancy through an integrated institute-industry symbiosis.

The Department of Electrical and Electronics Engineering (EEE) was started in the year 2001-02 and offers B.Tech in EEE with present intake of 150 students. The UG program in EEE department was accredited by NBA under Tier-1 in Nov 2021 for three years. The dept. offers M.Tech in Control Systems specialization with an intake of 18. The department was granted recognition as a research center to provide guidance to full time / part-time Ph.D. scholars.

### Co-ordinators:

<b>Dr. Srinivasan Pradabane</b> Assistant Professor EED, NIT Warangal. Telangana – 506004. ☎ 8332969289 ✉ spradabane@nitw.ac.in	<b>Dr. J. Vijaya Kumar</b> Professor, Dept. of EEE ANITS (A), Visakhapatnam. Andhra Pradesh – 531162. ☎ 9290852689 ✉ vijayakumar.eee@anits.edu.in
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**Anil Neerukonda Institute of  
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**Anil Neerukonda Institute of Technology & Sciences**

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Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

**One Week workshop on “Training Program on Mat Lab” is**

**Organised by**

**Department of EEE in Association with IQAC and IE (I)**

**Resource Persons**

**Mr.L.Dinesh and Mr.S.M.Diakar**

**Date: 14-06-2022 to 20-06-2022**

**Mode of Workshop: Off line Mode for Non-Teaching staff**

**Prof.J.Vijay Kumar**

**Coordinator-IQAC**

**Mrs. K.Lavanya**

**Coordinator IE (I)**

**Prof.G. Raja Rao**

**HOD, Dept. of EEE**

*R. Subhanta*  
Convener, IQAC  
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Sangivalasa-531 162  
Visakhapatnam Dist.

*[Signature]*  
Principal  
Anil Neerukonda Institute of  
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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 Tier-I, NAAC)  
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.  
Phone 08933-225084, 226395

To  
The Principal,  
ANITS.  
Sir,

Date : 18-07-2022

**Sub: Permission for organizing a Two day Refresher programme for technical staff – Reg.**

It is to bring to your kind notice that, we are planning to organize a Two day Refresher programme on “Troubleshooting and preventing maintenance of all geared lathe” for technical staff on 19<sup>th</sup> and 20<sup>th</sup> July 2022. Kindly grant permission for organizing the same.

Resource persons:

1. Dr. M Raja Roy, Associate Professor, Dept. of Mechanical Engg. ANITS
2. Mr. DSS Ravi Kiran, Assistant Professor, Dept. of Mechanical Engg. ANITS
3. Mr. P V Siva Rama Krishna, Sr.Technician, Sai Ganapathi Enterprises, Visakhapatnam.

18-7-22  
HOD  
Mech. Engg.

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



Permitted  
*[Signature]*

18 07 22

*R. Senthil*  
Convener, IQAC  
Anil Neerukonda Institute of  
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Visakhapatnam Dist.

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

**A Two Day Refresher Programme On**  
**Troubleshooting & Preventive Maintenance of All Geared Lathe**  
For Technical Staff

**RESOURCE PERSONS:**

**Dr.M. Rajaroy**  
Associate Professor. ANITS

**Mr.D.S.S.Ravikiran**  
Asst Professor, ANITS

**Mr.P.V. Siva Ramakrishna**  
Sr Technician. Sai Ganapathi  
Enterprises. Visakhapatnam

**DATE: 19th & 20th July 2022**

**Prof. B. NAGARAJU**  
HOD- Mech. Engg

**Dr. KALVA SRI RAMA KRISHNA**  
Principal- ANITS

Organized by

**Department of Mechanical Engineering**

**Anil Neerukonda Institute of Technology & Sciences**

Permanently Affiliated to Andhra University UGC Autonomous, Accredited By NBA Tier-1 & NAAC  
Sangivalasa - 531162, Bheemunipatnam, Visakhapatnam Dist, AP, India.



*R. Seetha*  
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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

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Sangivalasa-531162, BheemunipatnamMandal, Visakhapatnam Dt.

Phone 08933-225084, 226395

Sangivalasa,

Dt: 21/07/2022

## A Two-Day Refresher Programme on “Troubleshooting & Preventive Maintenance of All-Geared Lathe” for Technical Staff

### Outcomes of the Programme:

A 2-day refresher programme was organized in the Department of Mechanical Engineering to train the technical staff on the operational aspects, frequently occurring maintenance problems (Trouble-shooting) and replacement of worn-out components.

The resource persons identified, were a judicial combination of faculty possessing rich experience and caliber along with a technical foreman drawn from an industry.

### Day – 1 (19-07-2022, Tuesday)

#### Session – 1

The internal resource persons presented a detailed overview of classification of lathes, their anatomy, principles of operations, significance of the components and the different machining operations. The lectures were followed by a practical demonstration on various lathe machining operations.

#### Session – 2

Lathe is a very common machine tool that can be used for producing high precision components. It is highly adaptable for a spectrum of machining operations. Though lathes are considered as machines of superior performance, they are prone to frequent problems. These problems if go unnoticed or not rectified can adversely affect the service life of lathe and moreover impair the accuracy and precision of the products. This session was therefore completely devoted to educating the technicians on the frequently occurring faults in the machine. This session was handled by the external resource person who has experience in identifying and fixing the problems that occur in lathes.

### Day – 2 (20-07-2022, Wednesday)

The second day of the programme was significant as the technical resource person spoke on the methodologies to diagnose the faults and the maintenance actions to be taken there-upon. The speaker listed the main causes of lathe failure which could be associated with the following:

1. Errors in installation and assembly of parts.
2. Improper general daily maintenance.
3. Using the lathe beyond its technical processing range.

*A. Seikenth.*  
Convener, IQAC  
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Visakhapatnam Dist.

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

## **Two Day Refresher Programme on “Troubleshooting & Preventive Maintenance of All-Geared Lathe”**

### **Outcomes of the Programme:**

A 2-day refresher programme was organized in the department of mechanical engineering to train the technical staff on the operational aspects, frequently occurring maintenance problems (Trouble-shooting) and replacement of worn-out components.

The resource persons identified, were a judicial combination of faculty possessing rich experience and caliber along with a technical foreman drawn from an industry.

### **Day – 1:**

#### **Session – 1**

The internal resource persons presented a detailed overview of classification of lathes, their anatomy, principles of operations, significance of the components and the different machining operations. The lectures were followed by a practical demonstration on various lathe machining operations.

#### **Session – 2**

Lathe is a very common machine tool that can be used for producing high precision components. It is highly adaptable for a spectrum of machining operations. Though lathes are considered as machines of superior performance, they are prone to frequent problems. These problems if go unnoticed or not rectified can adversely affect the service life of lathe and moreover impair the accuracy and precision of the products. This session was therefore completely devoted to educating the technicians on the frequently occurring faults in the machine. This session was handled by the external resource person who has experience in identifying and fixing the problems that occur in lathes.

### **Day – 2:**

The second day of the programme was significant as the technical resource person spoke on the methodologies to diagnose the faults and the maintenance actions to be taken there-upon. The speaker listed the main causes of lathe failure which could be associated with the following:

1. Errors in installation and assembly of parts.
2. Improper general daily maintenance.
3. Using the lathe beyond its technical processing range.
4. Improper quality of parts.
5. Corrosion and wear of parts.

The last session was completely allotted to dismantling of the lathe for giving an exposure to the trainees on the identification of parts and the maintenance problems that are associated with each part.

The programme ended on a high note with the technicians satisfied by the technical feast served to them on the nuances of lathe – troubleshooting, operation and maintenance.

*R. Sankar*  
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.

4. Improper quality of parts.
5. Corrosion and wear of parts.

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The programme ended on a high note with the technicians satisfied by the technical feast served to them on the nuances of lathe – troubleshooting, operation and maintenance.

Faculty Coordinators: 1. Dr.M.Raja Roy



2. DSS.Ravi Kiran



21.7.24  
HOD

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

R-Sankanthi  
Convener, IQAC  
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Visakhapatnam Dist.

Principal  
Anil Neerukonda Institute of  
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 Tier-I, NAAC)  
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.  
Phone 08933-225084, 226395

## A Two day Refresher programme for technical staff



Vishakhapatnam, Andhra Pradesh, India  
WCCG+757, Thagarapuvalasa, Andhra Pradesh 531163, India  
Long 83.425417°  
Lat 17.920673°  
19/7/2022 02:54 PM



Vishakhapatnam, Andhra Pradesh, India  
mechanical block, Canteen Rd, Thagarapuvalasa, Andhra  
Long 83.425206°  
Lat 17.920681°  
19/7/2022 11:08 AM



Vishakhapatnam, Andhra Pradesh, India  
WCCG+757, Thagarapuvalasa, Andhra Pradesh 531163, India  
Long 83.425417°  
Lat 17.920673°  
19/7/2022 02:54 PM



Thagarapuvalasa, Andhra Pradesh, India  
WCCG+757, Thagarapuvalasa, Andhra Pradesh  
531163, India  
Lat 17.92071°  
Long 83.426511°  
20/07/22 09:45 AM

*R. Srikant.*  
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

*[Signature]*  
HOD  
Mech. Engg.

PROFESSOR & HEAD  
Department of Mechanical Engineering  
ANIL NEERUKONDA INSTITUTE OF 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 with 'A' Grade)  
Sangivalasa-531162, BheemunipatnamMandal, Visakhapatnam Dt.  
Phone 08933-225084, 226395

## A Two-day Refresher Programme for Technical Staff on

### "Troubleshooting and Preventing maintenance of All Geared Lathe"

S.No.	Name of the Technician	Signatures	
		19 <sup>th</sup> July 2022	20 <sup>th</sup> July 2022
1	M.Raja		
2	Ch.Lokeswara Rao		
3	B.R.S.Rayalu		
4	P.Srinivasa Rao		
5	B.Rama Rao		
6	L.Sreenivasa Rao		
7	N.Appanna		
8	R.Santhosh Kumar		
9	A.V.Bhaskar Rao		
10	D.Sreenu		
11	M.Appala Swamy		

### Resource Persons:

1. Dr.M.Raja Roy  
Associate Professor, Dept.of Mechanical Engineering, ANITS.
2. Mr.DSS.Ravi Kiran  
Asst.Professor, Dept.of Mechanical Engineering, ANITS.
3. Mr.P.V.Siva Rama Krishna  
Sr.Technician, Sai Ganapathi Enterprises, Visakhapatnam.

Convener, IQAC  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531162  
Visakhapatnam Dist.

Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531162  
Visakhapatnam Dist.

17/20.7.22  
HOD,  
Mechanical Engineering.

PROFESSOR & HEAD  
Department of Mechanical Engineering  
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES  
Sangivalasa-531162 VISAKHAPATNAM Dist. A.P.





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 Dt.

Date: 25-06-2022

To,  
The HOD,  
Department of Information Technology,  
ANITS,  
Sangivalasa.

Respected Madam,

Sub: Approval for conducting "A Technical staff Training Programme on IOT KITS" - Reg

This training session is a very good opportunity to get awareness on the kits of IOT. We the department of IT introduced the new lab IOT to the students, so that this training session may help to handle the lab sessions smoothly. Hands-on experience may get more confidence in clearing the doubts of students. so that I would like to request you to grant permission to conduct this training session to the technical staff of our department. The details of this programme is mentioned below for your kind perusal for conducting the programme.

Schedule:

Timings	9-00 AM to 10-30 AM	11-00 AM to 12-30 PM	1-30 PM to 3-00 PM
<u>DAY-1</u>	Introduction to IOT	Introduction to Arduino.	Awareness on IOT kits & LED experiment.
<u>DAY-2</u>	DHT & IR sensors	Moisture sensor	Raspberry pi over view and its applications

Name of the Event: "A Technical staff Training Programme on IOT KITS"

Venue: LAB-3, Dept. of Information Technology.


Requirements for conducting the event:

1. LAB-3, Dept. of IT.
2. IOT KITS

  
25/6/22

Thanking you,  
Mrs. A. Bhanusri  
Department of IT

  
R. Seetha,  
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.





Ref: ANITS/IT/2022-23/Faculty/Circular

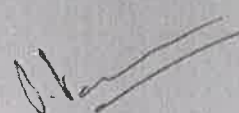
Date: 25-06-2022

## CIRCULAR


All the programmers are informed to attend the training program on A two day technical staff training programme on "IOT KITS" by in house faculty *Mrs. A. Bhanusri* from 28-06-2022 to 29-06-2022 from 09-00 AM to 3.00 PM in LAB-3.


### Schedule:

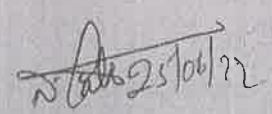
Timings	9-00 AM to 10-30 AM	11-00 AM to 12-30 PM	1-30 PM to 3-00 PM
<u>DAY-1</u>	Introduction to IOT	Introduction to Arduino.	Awareness on IOT kits & LED experiment.
<u>DAY-2</u>	DHT & IR sensors	Moisture sensor	Raspberry pi over view and its applications

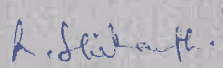
  
HoD, IT  
Prof. P Padmaja


### Programmers:

1. Mr. P V Siva Kumar 

2. Mr. G Chandra Sekhar 

3. Mr. Sathish 

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

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

**A TWO DAY TECHNICAL STAFF  
TRAINING PROGRAMME  
ON**

**“ IOT KITS ”**

**28 & 29th of June 2022**

**By  
In-House Expert  
Mrs. A. Bhanusri**

**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 Tier-1 and NAAC

Sangivalasa-531162, Bheemunipatnam (Mandal),  
Visakhapatnam(Dist), Andhra Pradesh, India.

Website: [it.anits.edu.in](http://it.anits.edu.in)



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

HOD

**Prof. P. Padmaja**  
Department of IT, ANITS

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





# Anil Neerukonda Institute of Technology and Sciences

Autonomous Status accorded by UGC and Andhra University  
Sangivalasa - 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

## A TWO DAY TECHNICAL STAFF TRAINING PROGRAMME ON " IOT KITS "

Organised by  
Department of Information Technology



This is to certify that Mr/Ms. Sathish Naguru from  
Anil Neerukonda Institute of Technology & Sciences has participated in  
this training event with 93 % score.

In-House Expert

HOD

Principal

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

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





**Anil Neerukonda Institute of Technology and Sciences**  
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**A TWO DAY TECHNICAL STAFF TRAINING PROGRAMME ON  
“ IOT KITS ”**  
Organised by  
Department of Information Technology



This is to certify that Mr/Ms. P Venkata Siva Kumar from  
Anil Neerukonda Institute of Technology & Sciences has participated in  
this training event with 90 % score.

*Bhau Sri*  
In-House Expert

*[Signature]*  
HOD

*[Signature]*  
Principal

*R. Seetha*  
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.



**Anil Neerukonda Institute of Technology and Sciences**

Autonomous Status accorded by UGC and Andhra University

Sangivalasa - 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

**A TWO DAY TECHNICAL STAFF TRAINING PROGRAMME ON  
" IOT KITS "**

**Organised by  
Department of Information Technology**

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms. G Chandra Sekhar from  
Anil Neerukonda Institute of Technology & Sciences has participated in  
this training event with 91 % score.

**In-House Expert**

**HOD**

**Principal**

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

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

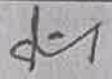
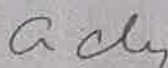

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES  
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DEPARTMENT OF INFORMATION TECHNOLOGY


Non-Teaching Technical - Staff Training program on "Awareness of IOT"

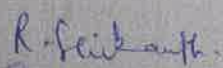
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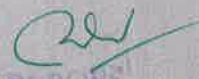
Attendance Sheet

S. No	Programmer Name	Session1: Introduction to IOT	Session2: Introduction to Arduino & sketch implemenetation	Session3: Introduction to sensors	Signature
1	Mr. P. Siva Kumar	✓	✓	✓	
2	Mr. G. Chandra Sekhar	✓	✓	✓	
3	Mr. N. Satish	✓	✓	✓	

  
Mrs. A. Bhanusri  
In- House Faculty

  
Prof. P. Padmaja  
HOD, IT

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

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



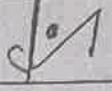
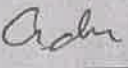

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**  
"UGC AUTONOMOUS"

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Non-Teaching Technical - Staff Training program on "Awareness of IOT"

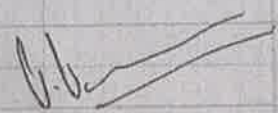
Date: 29/06/2022

Attendance Sheet

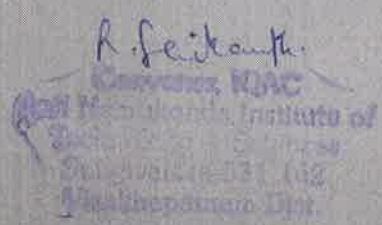
S. No	Programmer Name	Session1: DHT and IR sensor	Session2: Moisture and Bluetooth sensor	Session3: Raspberry pi overview and its applications	Signature
1	Mr. P. Siva Kumar	✓	✓	✓	
2	Mr. G. Chandra Sekhar	✓	✓	✓	
3	Mr. N. Satish	✓	✓	✓	



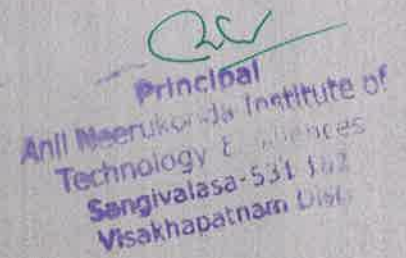
Mrs. A. Bhanusri  
In- House Faculty



Prof. P. Padmaja  
HOD, IT



Anil Neerukonda Institute of  
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Sangivalasa-531 102  
Visakhapatnam Dist.



Principal  
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Visakhapatnam Dist.



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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.

**SUMMARY REPORT**

**A Technical staff Training Programme on "IOT KITS"**

**No. of Participants:** 3 members

**Event date:** 28<sup>th</sup> & 29<sup>th</sup> of JUNE 2022

**Event venue:** LAB-3

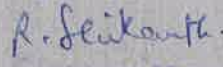
The Department of Information Technology organized A Technical staff Training Programme on "IOT KITS". Three technical staff of the IT department have participated in this training programme. Each participant is given an experiment to solve theoretically and practically. As a part of it this training session was scheduled in LAB 3.


Participants were given certificates of participation.

**Participants list:**

1. Mr. P V Siva Kumar
2. Mr. G Chandra Sekhar
3. Mr. Sathish

Proofs are attached to this summary.

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

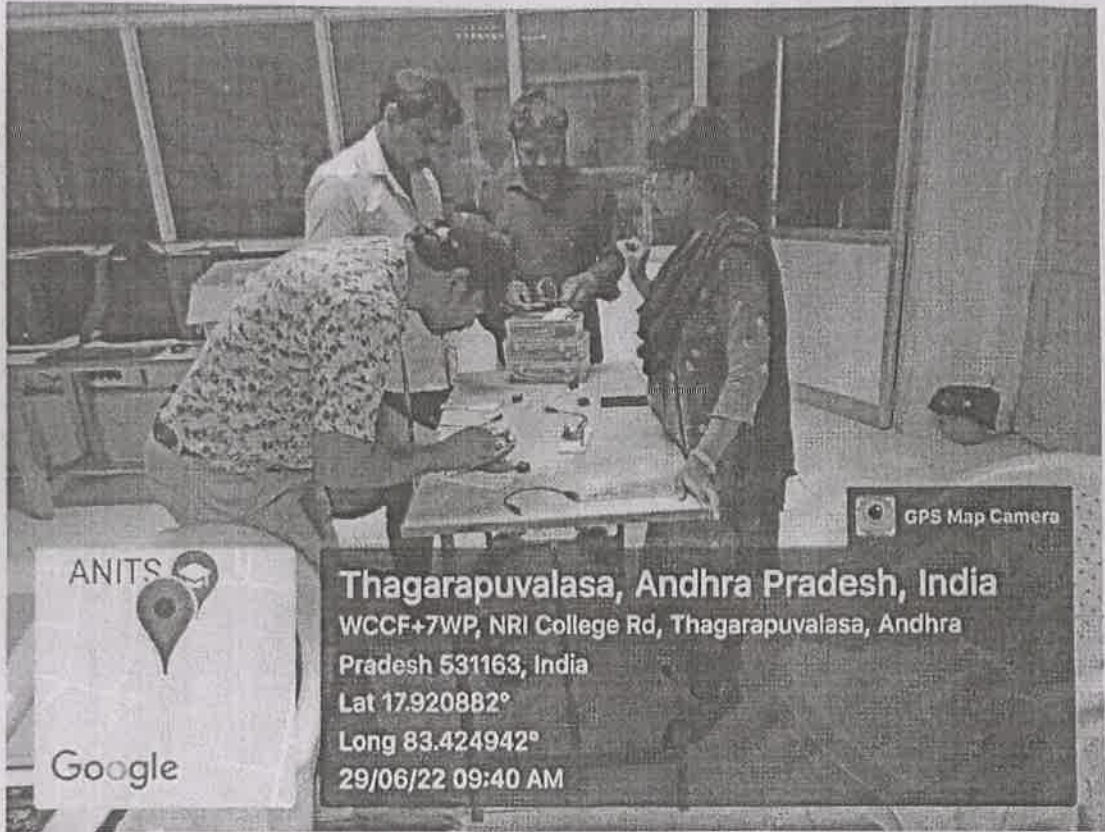
  
Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.





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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.



**Thagarapuvalasa, Andhra Pradesh, India**  
WCCF+7WP, NRI College Rd, Thagarapuvalasa, Andhra  
Pradesh 531163, India  
Lat 17.920882°  
Long 83.424942°  
29/06/22 09:40 AM



**Thagarapuvalasa, Andhra Pradesh, India**  
WCCF+7WP, NRI College Rd, Thagarapuvalasa, Andhra  
Pradesh 531163, India  
Lat 17.920878°  
Long 83.424931°  
29/06/22 09:45 AM

*R. Subash*  
**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.

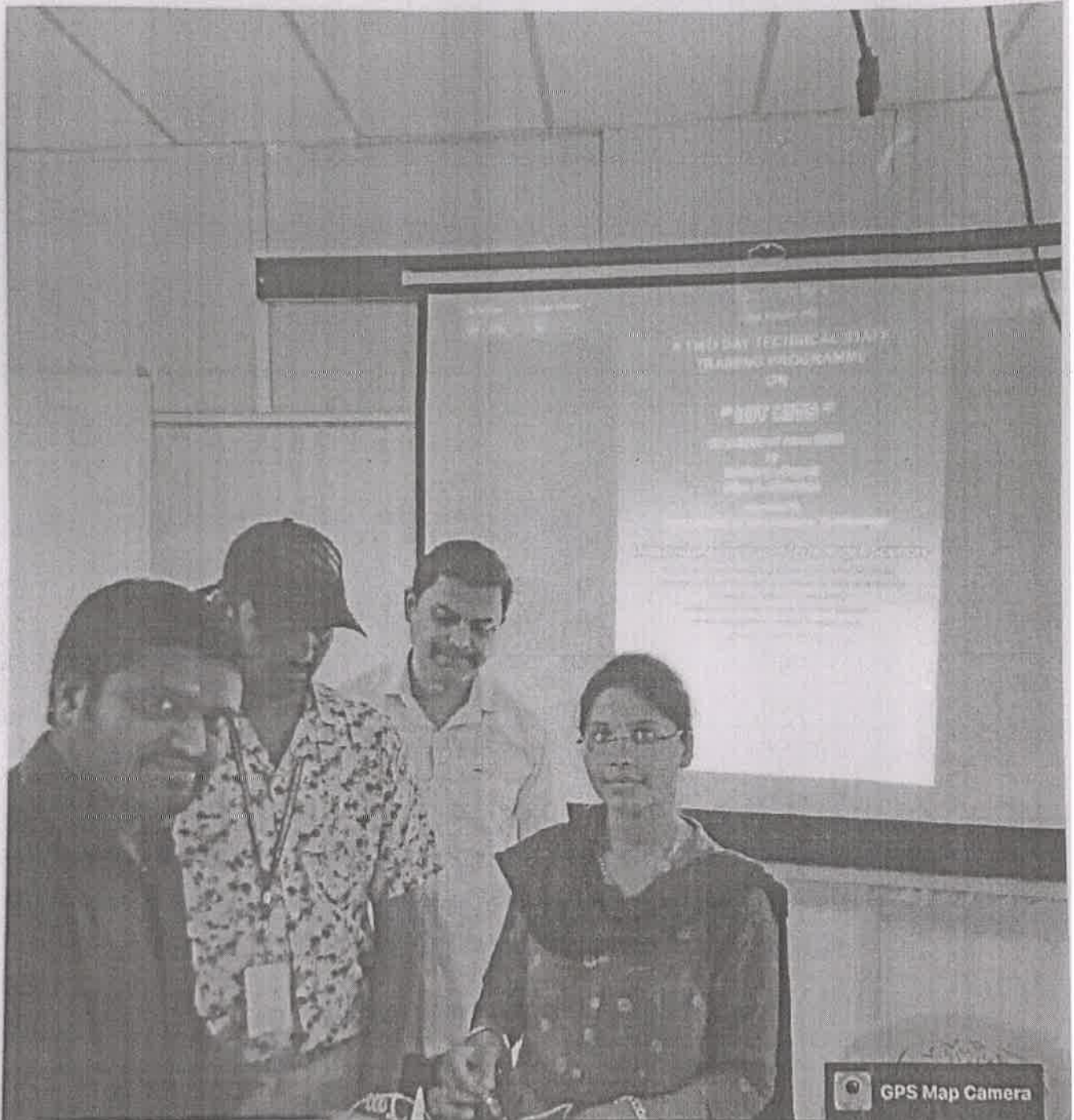




**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES 'UGC  
AUTONOMOUS'**

*(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)*

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.



**Thagarapuvalasa, Andhra Pradesh, India**  
WCCF+7WP, NRI College Rd, Thagarapuvalasa,  
Andhra Pradesh 531163, India  
Lat 17.920881°  
Long 83.42494°  
29/06/22 02:15 PM

GPS Map Camera

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

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



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(Affiliated to AU, Approved by AICTE)

Sangivalasa-531162, BheemunipatnamMandal, Visakhapatnam District-531162

Phone: 08933-225083/84/87 Fax: 226395; Web: www.civil.anits.edu.in; Email: hod\_civil@anits.edu.in

## DEPARTMENT OF CIVIL ENGINEERING

Date: 25-06-2022

### CIRCULAR

The Department of Civil Engineering, ANITS is conducting hands on training programme on Total Station to all the Lab Technicians of Civil Engineering as per the following schedule.

Name of the Faculty Trainer : Mr. R.Sai Chandu  
Assistant Professor  
Department of Civil Engineering  
ANITS

Date : 29-06-2022

Time : 09.00 AM onwards

Venue : ANITS College Campus

All the Lab Technicians are instructed to report at Surveying Lab.

*R. Sai Chandu*

Event Coordinator  
(R. SAI CHANDU)

*(Signature)*

(Dr. B. N. D. Narasinga Rao)  
Prof. & HoD  
Dept. of Civil Engg.

Head of the Department  
Department of Civil Engineering  
Anil Neerukonda Institute of Technology and Sciences  
Sangivalasa, Bheemunipatnam Mandal  
Visakhapatnam - 531162

*R. Seikate*

Convener, IQAC  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531162  
Visakhapatnam Dist.

*(Signature)*

Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531162  
Visakhapatnam Dist.

## Report

### Training Programme on 'Total Station'

**Title of Event** : Total Station

**Date of Event** : 29-06-2022

**Venue** : ANITS College Campus

**Participants** : Lab Technicians of Civil Department

**Number of Participants** : 03

**Details of Trainer** : Mr. R.Sai Chandu  
Assistant Professor  
Department of Civil Engineering  
ANITS

#### **Objective of Event:**

To make the Lab Technicians well versed in handling and operation of total station equipment in order to conduct lab experiments in surveying field work.

#### **Details of Event:**

Department of Civil Engineering, ANITS had conducted a hands on training programme to the lab technicians to improve their skills in operating Total station equipment which is a modern equipment in surveying field work.

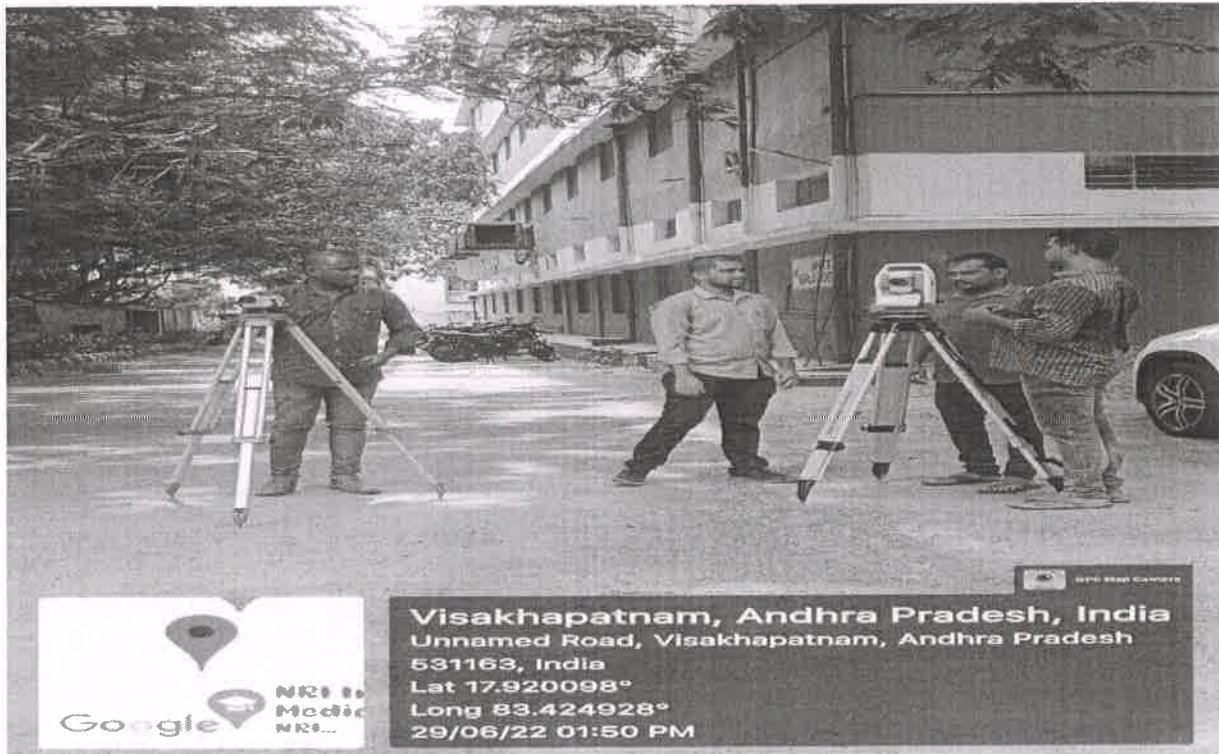
The event was started at 09:00 AM and continued till 04:00 PM.

A total station (TS) or total station theodolite (TST) is an electronic/optical instrument used for surveying and building construction. It is an electronic transit theodolite integrated with electronic distance measurement (EDM) to measure both vertical and horizontal angles and the slope distance from the instrument to a particular point, and an on-board computer to collect data and perform triangulation calculations.

  
Convener, IQAC  
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Sangivalasa-531 162  
Visakhapatnam Dist.

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





*R. Sai Chandu*

(Mr. R.Sai Chandu)

Event Coordinator

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

*B.N.D. Narasinga Rao*

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

HoD, Civil

*B.N.D. Narasinga Rao*  
 Principal  
 Anil Neerukonda Institute of  
 Technology & Sciences  
 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

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### DEPARTMENT OF CIVIL ENGINEERING

### Training Programme on Total Station

Date: 29/06/22

S.No	Name of the Technician	Signature
1	Mr. N.Ganeswara Rao	N. Ganeswara Rao
2	Mr. P.Rambabu	P. Rambabu
3	Mr. N.V.Simhachalam	N.V. Simhachalam

R. Sai Chandu

Event Coordinator

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

Prof. & HoD

Dept of Civil Engg

Head of the Department

Department of Civil Engineering

Anil Neerukonda Institute of Technology and Science

Sangivalasa, Bheemunipatnam Mandal

Visakhapatnam - 531162

R. Seikant

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.

From  
Dr.N.Padmaja  
Professor & HoD  
Dept. of chemistry  
ANITS.

Date 18-06-2022

To  
The Principal  
ANITS.

Sir,

Sub: Request for permission to conduct a workshop for Faculty -Reg.

As a part of Skill Development programme, Department of Chemistry is planning to organize "A two day workshop on Chromatographic Techniques: Thin layer Chromatography & Gas Chromatography" for faculty on 24<sup>th</sup> & 25<sup>th</sup> June 2022. Hence I request you to give the permission to conduct workshop.

Thanking you

Dr.N.Padmaja  
18/6/22

To  
Dr.SSE & OJ  
18/6/22

Yours faithfully

(Dr.N.Padmaja)

Head of the  
Department of Chemistry  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa, Visakhapatnam Dist

R. Seikant  
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.





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Sangivalasa, Bheemunipatnam Mandal, Visakhapatnam District

DEPARTMENT OF CHEMISTRY

CIRCULAR

20-06-2022

This is to inform to all faculty that Department of chemistry is organizing  
A two day workshop on Chromatographic Techniques: Thin layer Chromatography &  
Gas Chromatography” on 24/06/2022 and 25/06/2022 in Language lab (G-Block-  
1<sup>st</sup> floor)

All the faculty are requested to attend the workshop.

**Schedule of workshop (Tentative)**

S.NO	Day/Date	Time	Topic
1	24/06/2022(Friday)	10.00-12.00	Introduction to Separation Techniques
2	24/6/2022 (Friday)	1.30-3.00pm	Theory and principle and applications of Thin layer chromatography
3	25/06/22 (Saturday)	10.00-12.00	Theory and principle and applications of Gas Chromatography
4	25/06/22 (Saturday)	1.30-3.00pm	Practice session

**Convenors:**

Dr.S.Siva Kumar

Dr.U.Jyothi

Copy to:

Principal's office

HoD Chemical Department

HoD Civil Department

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

HoD

*N. Padmaja*  
(Dr.N.Padmaja)

Head of the  
Department of Chemistry  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa, Visakhapatnam Dist.

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



# Anil Neerukonda Institute of Technology & Sciences

(Permanently Affiliated to AU, UGC Autonomous, Accredited by NBA and NAAC with 'A' Grade)

Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

Website: [chemistry.anits.edu.in/](http://chemistry.anits.edu.in/)



## Department of Chemistry

is Organizing

A Two Day Workshop & Hands on Experience  
on



Resource Person:  
**Dr. V. Jagannadha Rao**  
Asst. Prof.  
Department of Chemistry  
ANITS.

### Chromatographic Techniques: Thin layer Chromatography & Gas Chromatography

Convenors:  
**Dr. S. Siva Kumar,**  
**Dr. U. Jyothi**  
Asst. Prof. Department of Chemistry, ANITS.



Date: 24- 25<sup>th</sup> June 2022

**Prof. N. Padmaja, HOD**  
Department of Chemistry, ANITS

*K. Seetha*  
Convenor, IQAC  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531162

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



# Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

## Report on

### Two day workshop

Department of Chemistry organised Two day workshop on “Chromatographic techniques: Thin layer chromatography & Gas chromatography with hands on experience” for Faculty members as a part of skill development program during 24-25<sup>th</sup> June 2022.

#### Objective of the Workshop:

- To create awareness about Separation Techniques exclusively Thin Layer Chromatography & Gas Chromatography.
- To give hands on experience on using Thin Layer Chromatography for separation and identification of compounds in a mixture.

Dr. V. Jagannadha Rao, Assistant Professor, Department of Chemistry acted as resource person for this work shop. The day one of the workshop started on 24<sup>th</sup> June 2022 as per the schedule with introductory remarks by Prof. N. Padmaja, HoD, Department of Chemistry, she explained about the main theme of the two day workshop. The morning session of the workshop started with introduction to separation techniques by the resource person. In the afternoon He explained about the principle, working of thin layer chromatographic and its applications. The second day morning session started at 10.00AM with theory and principle of Gas Chromatography followed by practice session on TLC in the afternoon session. Around 25 faculty member from various departments (Chemical Engineering, Civil engineering, Mechanical Engineering, Physics, Chemistry e.t.c) are actively participated during the two days of workshop and interacted with the resource person during the discussions. The faculty members gave a good feedback on organising the workshop. The concluding remarks of the workshop were given by Prof. N. Padmaja followed by felicitation to resource person Dr. V. Jagannadha rao. The participants were issued with participation certificates. The conveners of the workshop Dr. S. Sivakumar and Dr. U Jyothi expressed their sincere thank to management, principal and Head of the Department of Chemistry , Chemical and Civil, English for their support and encouragement.

*R. Srinivasan*

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

*[Signature]*

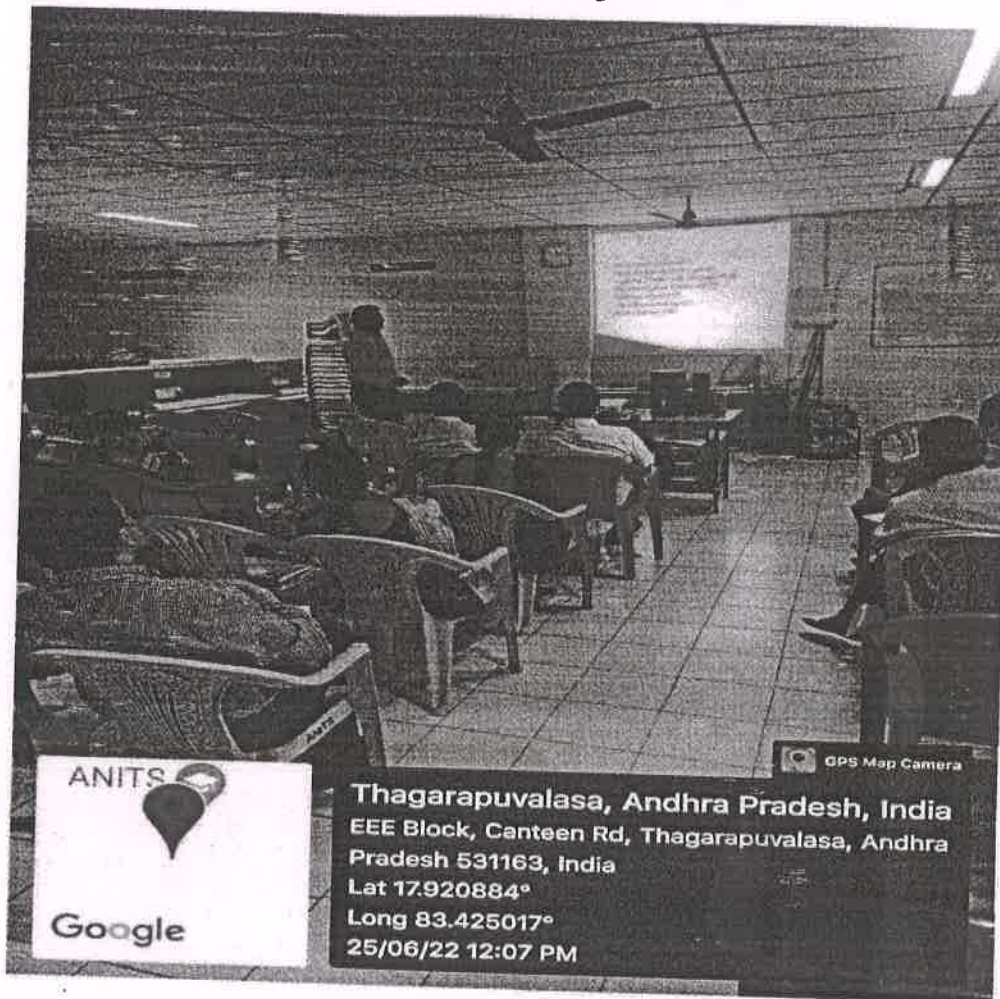
Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.



**Outcome of the Workshop:**

The participants can apply Thin Layer Chromatography for separation and identification of compounds in various test samples.

Resource person Dr.V.Jagnadha Rao



*R. Srikarthy*  
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.

Hands on experience on Thin Layer Chromatography



Conveners

Dr.S.Sivakumar

*S. Sivakumar*

Dr.U.Jyothi

*U. Jyothi*

HoD

*Prof. N. Padmaja*

*25/6/22*

Head of the  
Department of Chemistry  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa, Visakhapatnam Dist.

*R. Seikarthi*

Convenor, TAC

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

*Principal*

Anil Neerukonda Institute of  
Technology & Sciences  
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Sangivalasa, Bheemunipatnam Mandal, Visakhapatnam District

DEPARTMENT OF CHEMISTRY

A two day workshop on Chromatographic Techniques: Thin layer Chromatography & Gas Chromatography

Attendance sheet (Day-1)

S.No	Date	Name of the faculty	Signature of the faculty
1	24/06/22	Dr. M. Padma Lathe	[Signature]
2	24/06/22	S. Vora Satish	[Signature]
3	24/06/22	Dr. S. Sivakumar	[Signature]
4	24/06/22	Dr. R. Sarada	[Signature]
5	24/06/22	Dr. U. Jyothi	[Signature]
6	24/6/22	Dr. M. K. Chakravarthy	[Signature]
7	24/6/22	N. Siva ganga kumari	[Signature]
8	24/6/22	Dr. Md. Sabirunnasir Com	[Signature]
9	24/6/22	Dr. Abhishek Bejr	[Signature]
10	24/06/22	Ms. S. Parvathi	[Signature]
11	24/6/22	Dr. B. Brahmaji	[Signature]
12	24/6/22	Dr. P. Viswarupachary	[Signature]
13	24/6/22	Prof. R. Soikanth	[Signature]
14	24/6/22	P. Sumanjali	[Signature]
15	24/6/22	Miss K. Chaitanya	[Signature]
16	24/06/22	R. Sai Chandu	[Signature]
17	24/6/22	Dr. R. Suroopa Rani	[Signature]
18	24/6/22	Dr. N. Padmaja	[Signature]
19	24/6/22	Dr. Rajesh Ghosh	[Signature]
20	24/6/22	S. Ramjanyala	[Signature]
21	24/6/22	M. Koteswara Rao	[Signature]
22	24/6/22	B. Pradeep Santanum	[Signature]
23	24/6/22	Dr. R. Chm. Mallabesha	[Signature]

Convener

[Signature]

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

Head of Dept

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





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DEPARTMENT OF CHEMISTRY

A two day workshop on Chromatographic Techniques: Thin layer Chromatography & Gas Chromatography

Attendance sheet (Day-2)

S.No	Date	Name of the faculty	Signature of the faculty
1	25/06/22	R. Sai Chandu	
2	25/6/2022	HRSSK Chaitanya	
3	25/6/22	P. Sumanjali	
4	25/06/22	S. Hanika	
5	25/6/22	Dr. P. Viswarupachary	
6	25/6/22	Dr. B. Brahmajyoti	
7	25.6.22	Dr. Md. Sabirunnisa Chowdhury	
8	25.6.22	Dr. Abhishek B. B. B.	
9	25/6/22	Dr. M. Padma Lakshmi	
10	25/6/22	N. Siva ganga kumari	
11	25/6/22	Dr. U. Jyothi	
12	25/6/22	Dr. R. Sarada	
13	25/6/22	Dr. R. Suresh Babu Rani	
14	25/6/22	Dr. S. Srinikumar	
15	25/6/22	S. V. Satish	
16	25/6/22	Prof. R. Srikanth	
17	25/6/22	Dr. N. Padma	
18	25/6/2022	Dr. Rajesh Ghosh (Mech)	
19	25/6/22	S. Ramyanayulu	
20	25/6/22	M. Koteswara Rao	
21	25/6/22	B. Pradeep Santosh Kumar	
22	25/6/22	Dr. K. Chitra Malakalathil	

Convener

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.



# Anil Neerukonda Institute of Technology and Sciences

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Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

A Two Day Workshop & Hands on Experience  
on

**Chromatographic Techniques:**

**Thin layer Chromatography . Gas Chromatography**

(Skill Development Programme)

Organised by

Department of Chemistry



This is to certify that Mr/Ms/Dr. Rajesh Ghosh  
Assoc.Prof., Dept of Mechanical Engg. ANITS has participated in  
 the workshop during 24th & 25th June, 2022 at Department of Chemistry, ANITS.

S. Suresh

**Convenors**

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

R. Nagesh

**HOD**

V. Nagesh

**Principal**

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



**Anil Neerukonda Institute of Technology and Science**

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**A Two Day Workshop & Hands on Experience  
on**

**Chromatographic Techniques:  
Thin layer Chromatography . Gas Chromatography**

(Skill Development Programme)

Organised by  
**Department of Chemistry**



This is to certify that Mr/Ms/Dr. M. Koteswara Rao  
Asst. Prof, Dept. of Chemical Engg., ANITS has participated in  
the workshop during 24th & 25th June, 2022 at Department of Chemistry, ANITS.

S. Sivalu      U. Jaya  
Convenors

R. Siva  
HOD

Prudh  
Principal

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

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





# Anil Neerukonda Institute of Technology and Sciences

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Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

## A Two Day Workshop & Hands on Experience on

### Chromatographic Techniques: Thin layer Chromatography . Gas Chromatography

(Skill Development Programme)

### Organised by Department of Chemistry



This is to certify that Mr/Ms/Dr. M. PADMA LATHA  
Assistant Professor, Dept of Chemistry has participated in  
the workshop during 24th & 25th June, 2022 at Department of Chemistry, ANITS.

*S. Srinivas*

**Convenors**

*W. Byreddy*

*M. Raju*

**HOD**

*Y. Anil*

**Principal**

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

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



# Anil Neerukonda Institute of Technology and Sciences

Autonomous Status accorded by UGC and Andhra University

Sangivalasa - 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

## A Two Day Workshop & Hands on Experience

on

### Chromatographic Techniques:

### Thin layer Chromatography . Gas Chromatography

(Skill Development Programme)

### Organised by

### Department of Chemistry



This is to certify that Mr/Ms/Dr. N. Siva Ganga Kumari

Asst. Professor, Dept. of Physics, ANITS has participated in

the workshop during 24th & 25th June, 2022 at Department of Chemistry, ANITS.

S. Sankar

**Convenors**

V. Byler

N. Raju

**HOD**

M. V. S. Murthy

**Principal**

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

R. V. S. Murthy  
 Principal  
 Anil Neerukonda Institute of  
 Technology & Sciences  
 Sangivalasa-531 162  
 Visakhapatnam Dist.







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Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### CIRCULAR

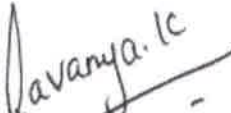
Date: 11-06-2022

This is to bring to your kind notice that the Institution of Engineers (India) – Electrical Student Chapter is planned to organize a One Week Workshop on “**Training Program on Mat Lab**” for the Non-teaching staff organized by Department of EEE in Association with IQAC and IE (I) as per the following schedule.

All the Non-teaching staff of EEE is here by informed that you have to attend in this event.

Date : 14-06-2022 to 20-06-2022  
Time : 10:00 to 11:00 AM (FN)  
: 14:00 PM to 15:00PM (AN)  
Mode of event : Off line.

Thanking You,

  
Mrs. K. Lavanya  
(IE (I) Coordinator)

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

  
Dr. G. Raja Rao  
Professor & Head of the Department  
**ELECTRICAL & ELECTRONICS ENGG**  
ANITS, Sangivalasa,  
Visakhapatnam-531 162  
  
Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.



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Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist.  
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### One Week Work Shop on "Training Program on Mat Lab"

S. No.	Name of the Non-Teaching Staff	Signature
1	Karasi Sravan Kumar	
2	Venkata RKV Dharamani	
3	S.Venkata Ravi Kumar	
4	N.Mohana Rao	
5	K.Appala Raju	
6	R Venkata Ratnam	

Prof. J. Vijay Kumar  
Coordinator-IQAC

Mrs. K. Lavanya  
Coordinator IE (I)

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

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

Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
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Visakhapatnam Dist.





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Sangivalasa-531 162, Bheemuniapatnam Mandal, Visakhapatnam District

Phone: 08933-225063/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

## Feed Back for One Week Workshop on "Training Program on Mat Lab"

S:NO	Name	How is the Work Shop?	How it is useful in your work area?	Comments regarding the webinar	Signature
1	Karasi Sravan Kumar	Good	It can be used in labs	it was useful	K.Sravan
2	Venkata RKV Dharamani	Very good	It can be used for designing a circuit.	Understanding	RKV
3	S.Venkata Ravi Kumar	very good	used for working demonstration in labs	It was good	svk
4	N.Mohana Rao	Good	for finding solution	Good and understandable	N.M.Rao
5	K.Appala Raju	Good	was well satisfied	Good	K.A.Raju
6	R Venkata Ratnam	good	for understanding students	understand	R.Venkata Ratnam

Prof. J. Vijay Kumar

Coordinator-IQAC

Mrs. K. Lavanya

Coordinator IE (I)

Prof. G. Raja Rao

HOD, Dept. of EEE

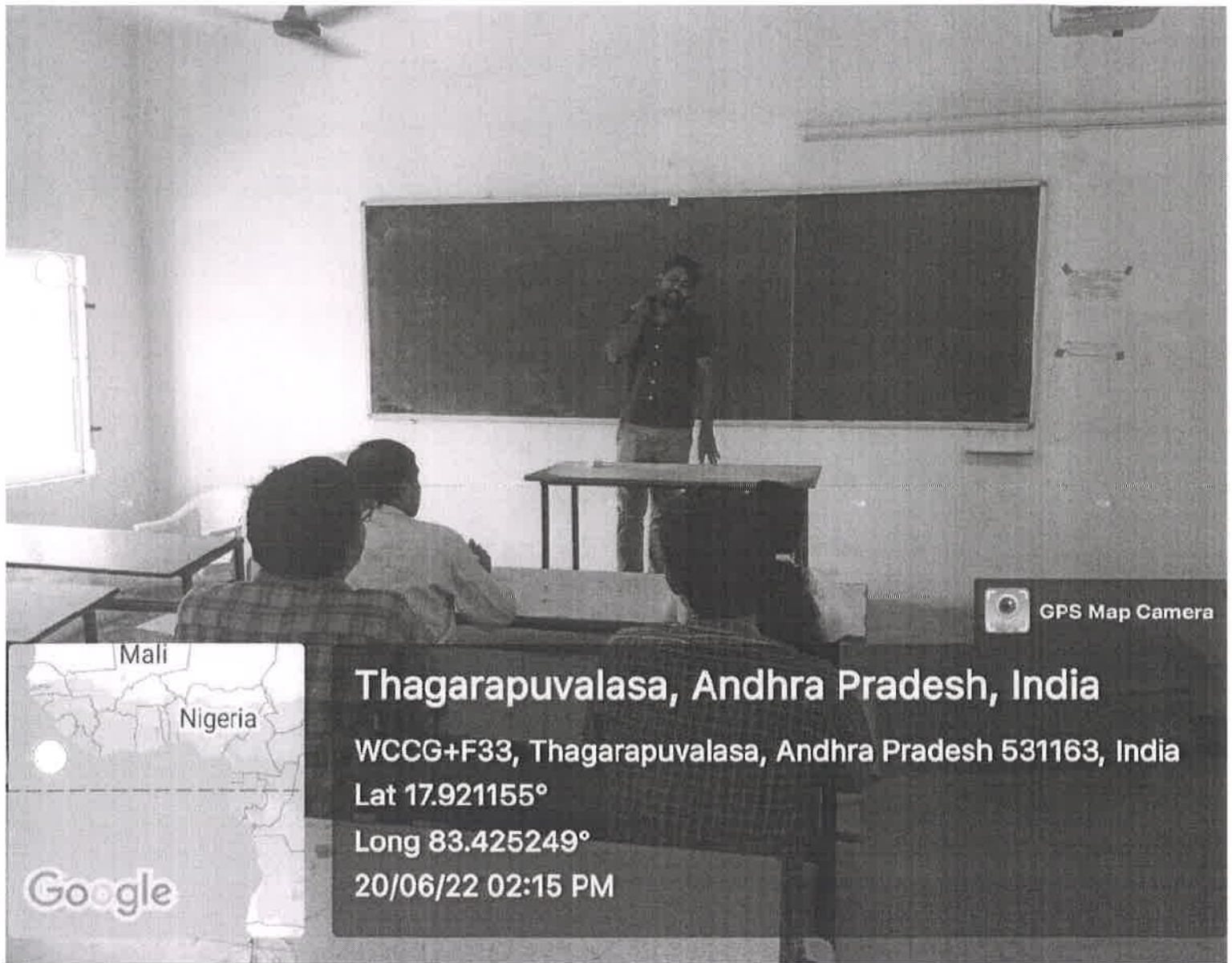
Head of the Department  
ELECTRICAL & ELECTRONICS ENGG.

ANITS, Sangivalasa,  
Visakhapatnam-531 162

R. Seetha  
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.





GPS Map Camera



**Thagarapuvalasa, Andhra Pradesh, India**

WCCG+F33, Thagarapuvalasa, Andhra Pradesh 531163, India

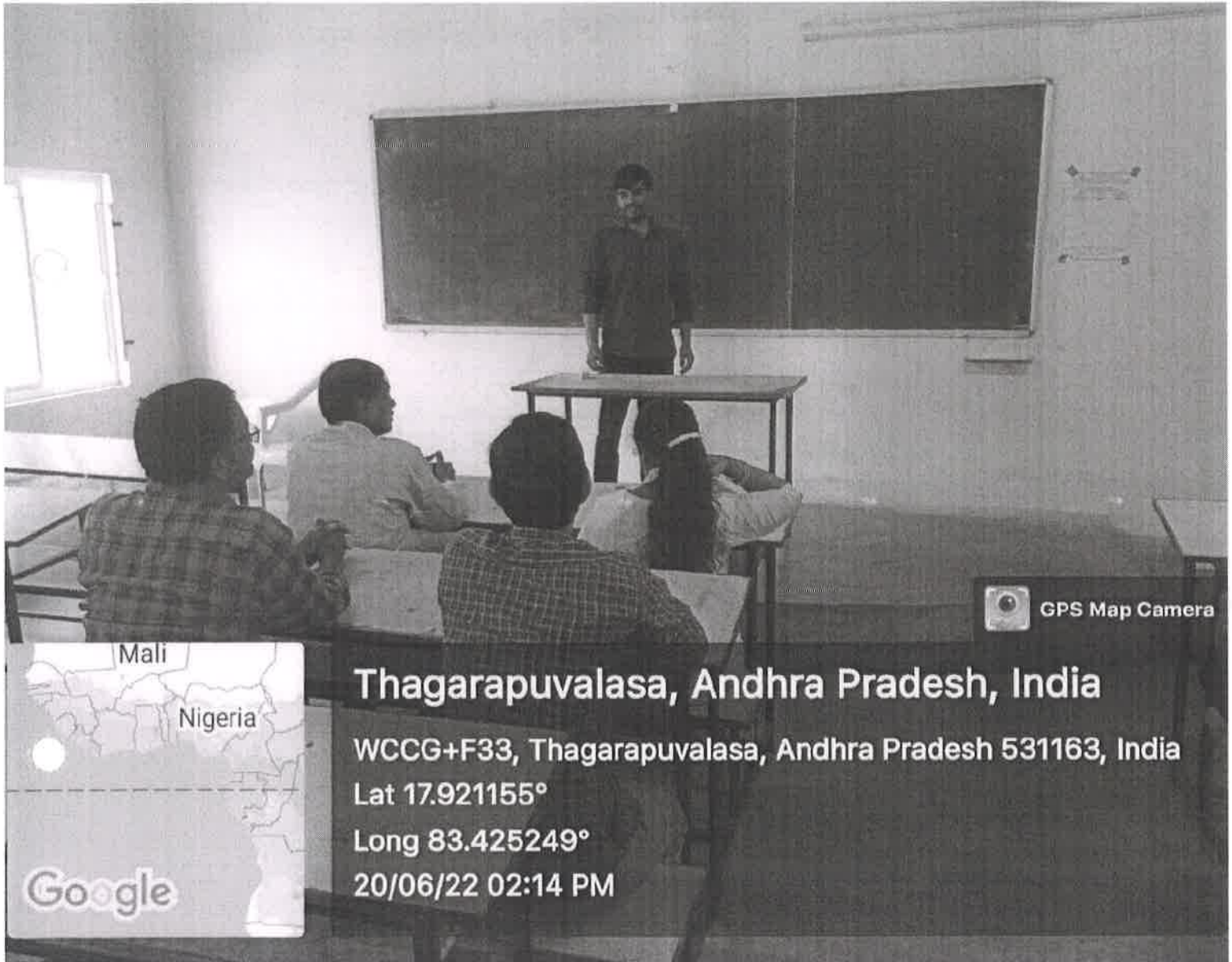
Lat 17.921155°

Long 83.425249°

20/06/22 02:15 PM

*A. Seethaiah*  
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.



**Thagarapuvalasa, Andhra Pradesh, India**

WCCG+F33, Thagarapuvalasa, Andhra Pradesh 531163, India

Lat 17.921155°

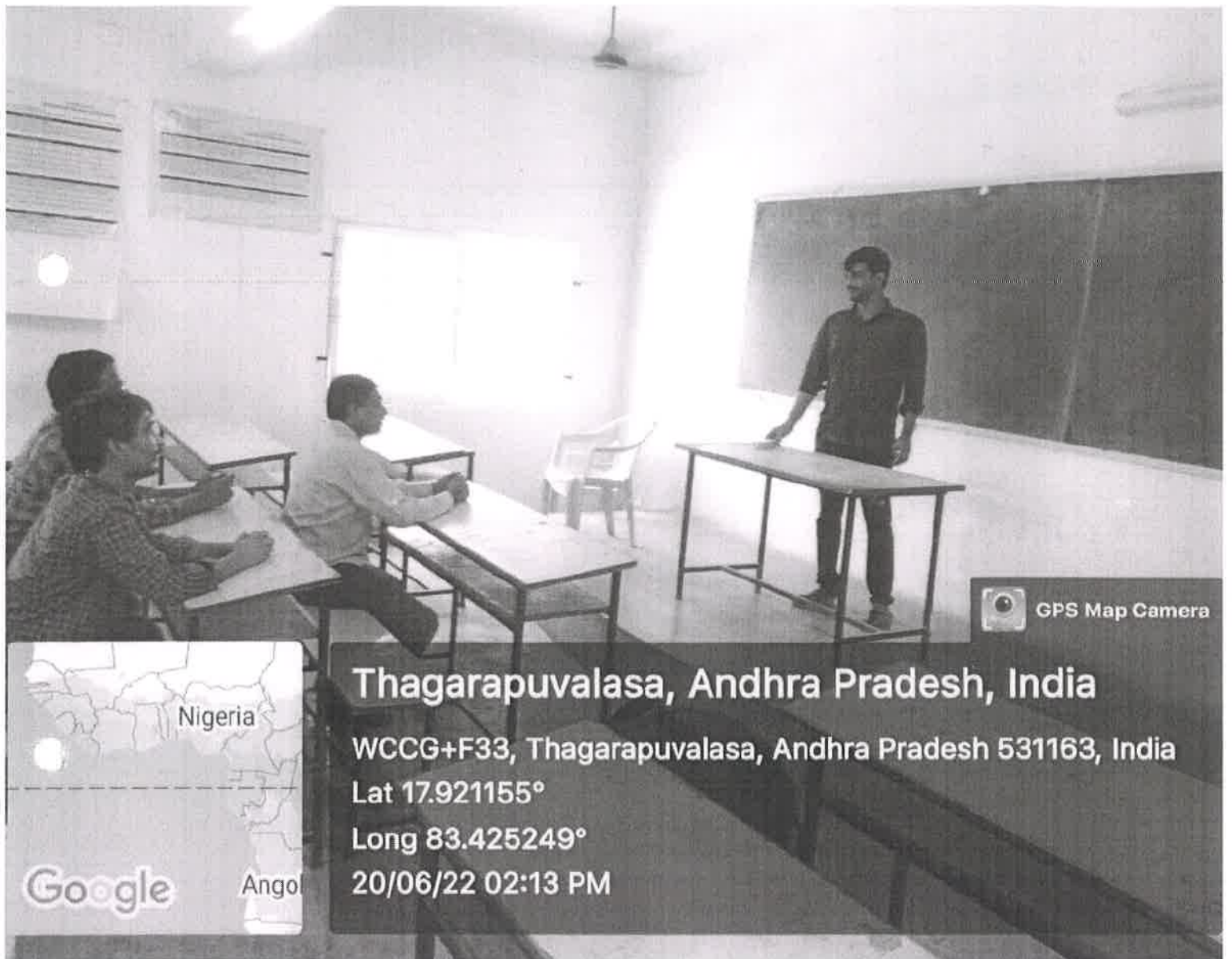
Long 83.425249°

20/06/22 02:14 PM



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

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



GPS Map Camera

### Thagarapuvalasa, Andhra Pradesh, India

WCCG+F33, Thagarapuvalasa, Andhra Pradesh 531163, India

Lat 17.921155°

Long 83.425249°

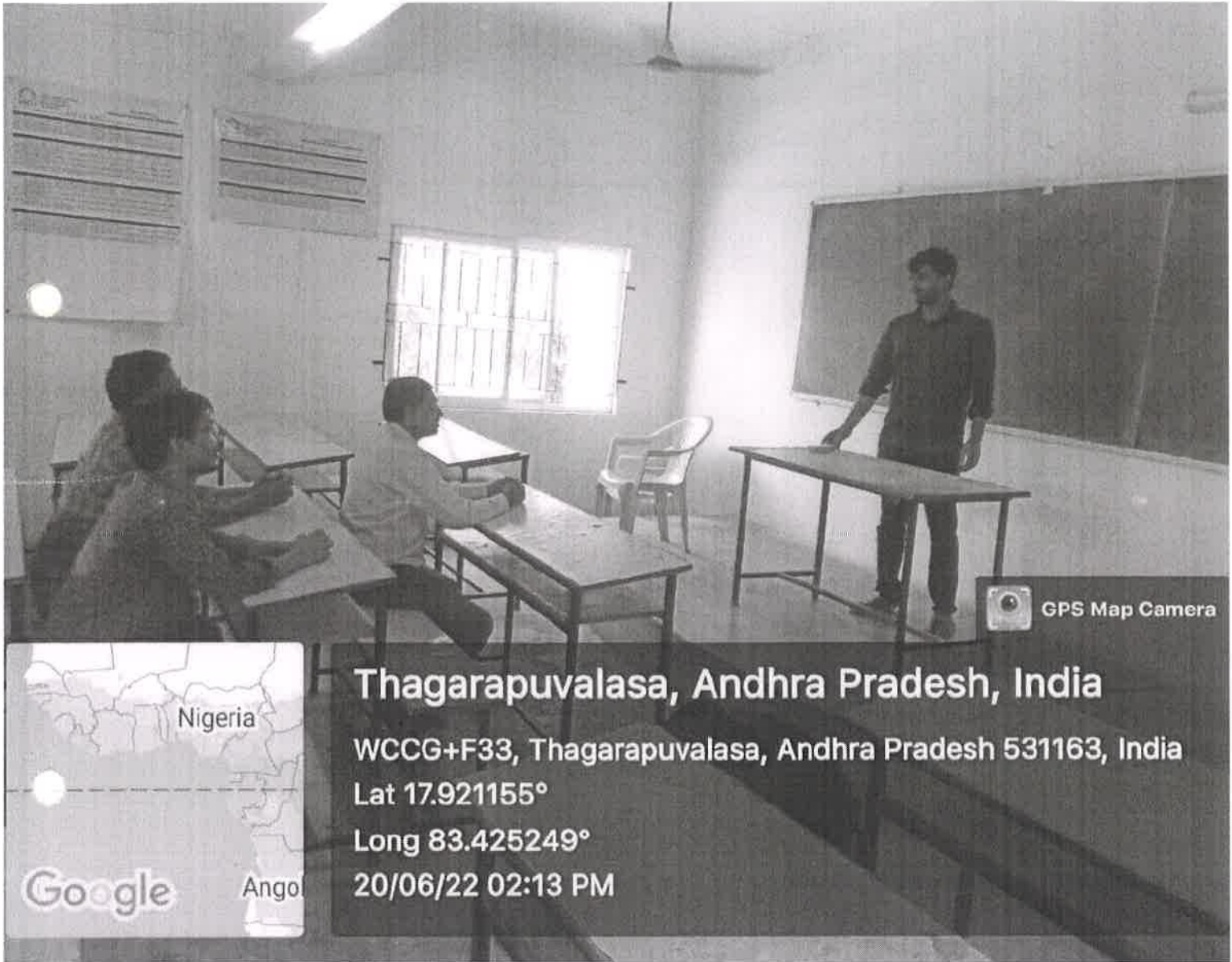
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*P. Srinanth*  
Convener, IQAC  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.

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





GPS Map Camera

**Thagarapuvalasa, Andhra Pradesh, India**

WCCG+F33, Thagarapuvalasa, Andhra Pradesh 531163, India

Lat 17.921155°

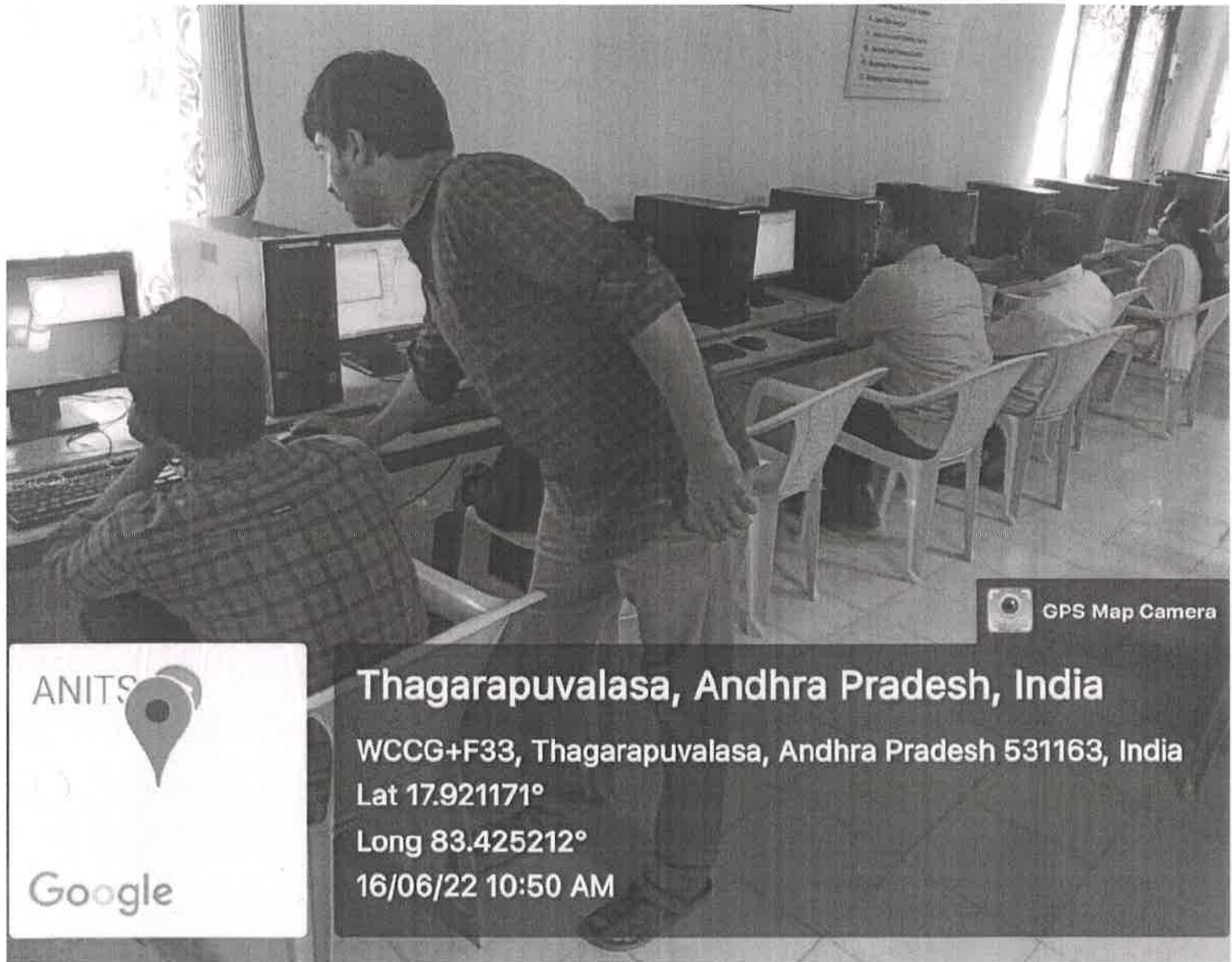
Long 83.425249°

20/06/22 02:13 PM



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

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



 GPS Map Camera

ANITS



Google

**Thagarapuvalasa, Andhra Pradesh, India**

WCCG+F33, Thagarapuvalasa, Andhra Pradesh 531163, India

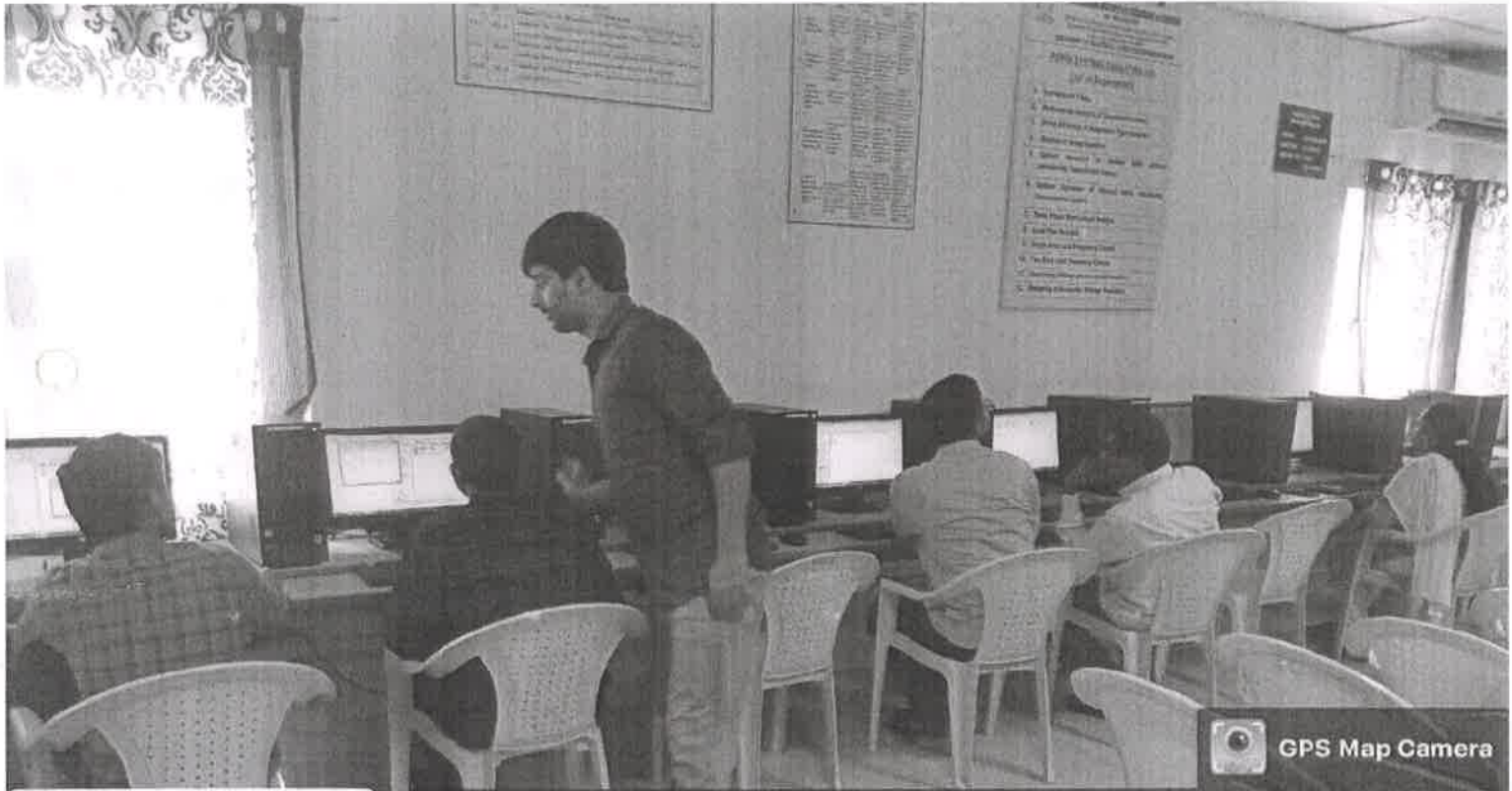
Lat 17.921171°

Long 83.425212°

16/06/22 10:50 AM

*R. Seikhan*  
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.



GPS Map Camera

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Lat 17.92115°

Long 83.425212°

16/06/22 10:50 AM

*R. Subanth*  
**Convener, IQAC**  
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Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.

*[Signature]*  
**Principal**  
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Lat 17.921137°

Long 83.425214°

16/06/22 10:49 AM

*R. Seikant*  
Convener, IQAC  
**Anil Neerukonda Institute of  
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Visakhapatnam Dist.

*AN*  
**Anil Neerukonda Institute  
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Visakhapatnam Dist.



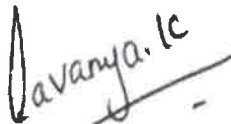
## Academic Year 2021-2022


### IE (I) DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## One Week Work Shop on ‘Training Program on Mat Lab’ for the Non-Teaching Staff of ANITS organized from 14/06/2022 to 20/06/2022

### Report

The EEE Department in association with IE (I) organized a One week workshop for the Non-teaching staff, titled, “**Training Program on Mat Lab**” from 14/06/2022 to 20/06/2022. Mrs. K. Lavanya, Asst. Prof. of EEE and IE (I) coordinator had presided over the program. The resource persons are Mr.L.Dinesh & Mr.S.M.Diakar. On the first day, Non-teaching staff were introduced to MATLAB programming environment and the four frames of MATLAB window. They were acquainted with the various toolboxes of MATLAB and real time applications of MATLAB. This was followed by introduction of the basic commands, built-in constants and functions, writing simple script file. In the remaining sessions; they were given hands on training in MATLAB Programming. On the remaining sessions, they were introduced to plotting of simple graphs, bar charts, making plots more informative. The entire session was very interactive and the staffs were demonstrated with various simple simulink diagrams. Through this workshop the non-teaching staff able to explore the impact of MATLAB.

  
Mrs. K. Lavanya  
(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  
Principal   
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.

From  
Dr.N.Padmaja  
Professor & HoD  
Dept. of chemistry  
ANITS.

Date 17-06-2022

To  
The Principal  
ANITS.

Sir,

Sub: Request for permission to conduct a workshop for Non teaching staff -Reg.

Department of Chemistry is planning to conduct a two day workshop for Non teaching staff of Department of Chemistry, Chemical and Civil on **Electro Analytical techniques** on 18<sup>th</sup> & 22<sup>nd</sup> June 2022. Hence I request you to give the permission to conduct workshop.

Thanking you

Appd

*(Signature)*

17/6/22

Yours faithfully

*(Signature)*  
(Dr.N.Padmaja) 17/6/22

Head of the  
Department of Chemistry  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa, Visakhapatnam Dist.

*R. Leikanth*  
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, Bheemunipatnam Mandal, Visakhapatnam District

DEPARTMENT OF CHEMISTRY

CIRCULAR

17-06-2022

This is to inform to non teaching staff of Department of Chemistry, Chemical and Civil that Department of chemistry is organizing two day work shop on Electro analytical techniques (Hands on experience) on 18/06/2022 and 22/06/2022 in Engg.chemistry lab-2

All non teaching staff are requested to attend the workshop without fail.

Schedule of workshop (Tentative)

S.NO	Day/Date	Time	Topic
1	18/6/2022 (Saturday)	10.00 - 12.00 AM 1:30 - 3:00 PM	Description, theory and principle, calibration and experimentation of instruments
2	22/06/22 (Wednesday)	10.00 - 12.00 AM 1:30 - 3:00 PM	Practice session and work sheets submission and Test

**Organizers:**

**Chief coordinator:**

Dr.N.Padamja

**Coordinators:**

Dr.R.Sarada

Dr.R.Swarooparani

**Copy to:**

Principal's office

HoD Chemical Department

HoD Civil Department

R. Seikanth

Convener, IQAC

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

HoD

(Dr.N.Padmaja) 17/6/22

Head of the  
Department of Chemistry  
Anil Neerukonda Institute of  
Technology & Sciences

Principal

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# Anil Neerukonda Institute of Technology & Sciences

(Permanently Affiliated to AU, UGC Autonomous, Accredited by NBA and NAAC with 'A' Grade)

Sangivalasa - 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

Website: [chemistry.anits.edu.in/](http://chemistry.anits.edu.in/)



## Department of Chemistry

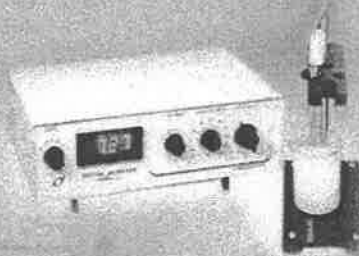
is Organizing

A Two Day Workshop & Hands on Experience for Technicians  
on

### Electroanalytical Techniques

source Persons & Coordinators:

- . R. Sarada, Asst. Prof.
  - . R. Swaroopa Rani, Asst. Prof.
- Department of Chemistry  
IITS.



Date: 18th & 22nd June 2022

Chief Coordinator:  
Prof. N. Padmaja, HOD  
Department of Chemistry, ANITS

*R. Sarada*  
Coordinator IQAC  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.

*N. Padmaja*  
Principal  
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Visakhapatnam Dist.





# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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

Sangivalasa 531162, Bheemunipatnam mandal, Visakhapatnam Dist.

Department of chemistry

23/6/2022

## REPORT ON A TWO DAY WORK SHOP (Electroanalytical techniques – For technicians)

Department of chemistry has organized two day in house workshop on Electro analytical techniques for technicians as a part of skill development programme.

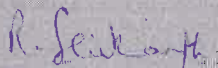
### Objective of workshop:


- To provide theoretical knowledge of various instruments, principle, working process, and data collection
- To develop skill in handling of instruments with hands on experience

The day-1 of workshop started on 18/6/2022 as per the schedule. The morning session was started by the Chief coordinator Prof.N.Pdmaja, HoD- Department of chemistry with her introductory remarks to the technicians with good motivation and encouragement. The resource person Dr.R.Sarada, Asst.Professor started the session and explained completely the basic concepts of quantitative analysis like solution preparation, estimation of their concentrations and various Instruments and their importance. In afternoon session resource persons, Dr.R.Sarada, Asst.Professor and Dr.R.Swaroopa Rani, Asst.Professor explained about information regarding instruments- PH meter, Potentiometer, conductivity meter their description, principle, calibration, experimental process & data collection and also viscometer, its experimental process. At the end of the day -1, participants were asked to submit work sheets provided by the coordinators.

Day-2 of work shop was started on 22/6/2022 as per the schedule. In the morning session the participants were given hands-on experience of instruments. They carried out experiments and submitted their report. In afternoon session a test was given to the participants. At the end of day-2 the work shop is ended with the vote of thanks by Dr.R.Swaroopa Rani; Asst.Professor.

Total 7 technicians from Department of Chemical engineering, Civil and Chemistry department were participated in this workshop. Certificates were given to participants and Resource persons.

  
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Principal  
Anil Neerukonda Institute  
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Sangivalasa-531 162  
Visakhapatnam Dist.



**Outcome:**

Technicians can able to handle various instruments, collect data and obtain results accurately like PH meter, Potentiometer, conductivity meter etc.

Coordinators conveyed special thanks to Prof.T.V.Hanumantha Rao Principal ANITS, Dr.C.Anil, HoD-Department of Chemical Engineering and Prof.B.N.D.Narasinga Rao, HoD-Department of Civil engineering.



**Coordinators**

*Sarada*  
1. Dr.R.Sarada

Asst.Professor

*S. Swaroopa Rani*  
2. Dr.R.Swaroopa Rani

Asst.Professor

**Chief coordinator**

*N.Padma*  
Dr.N.padmaja 23/6/22

Professor & HoD

Head of the  
Department of Chemistry  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa, Visakhapatnam Dist

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

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Sangivalasa, Bheemunipatnam Mandal, Visakhapatnam District

DEPARTMENT OF CHEMISTRY

**A two day workshop on Electroanalytical techniques for technicians**

**Attendance sheet**

**Date: 18/6/2022**

S.No	Name of the Technician	Department	Signature of the Technician
1.	K. Nagamani	Chemistry	
2.	D. SURESH	CHEMISTRY	D. Suresh
3.	Ch. Yellayya Reddy	Chemistry	Ch. Y. R.
4.	M. V. Simha Chalam	Civil	
5.	N. Ganeshwar Rao	Civil	N. Ganeshwar Rao
6.	N. Tulasi	Chemical Engg	Tulasi
7.	V. Pavan Kumar	Chemical Engg	Pu

CO-ordinators  
1) Dr. R. Sarada Sarada 18/6/22  
2) Dr. R. Swaroopa Rani 18/6/22

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

**Prasanna**  
Chief Coordinator 18/6/22

**Head of the**  
Department of Chemistry  
Anil Neerukonda  
Institute of Technology & Sciences  
Sangivalasa, Visakhapatnam Dist.

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Sangivalasa, Bheemunipatnam Mandal, Visakhapatnam District

DEPARTMENT OF CHEMISTRY

A two day workshop on Electroanalytical techniques for technicians

Attendance sheet

Date: 22/6/2022

S.No	Name of the Technician	Department	Signature of the Technician
1.	K. Nagarani	chemistry	
2.	D. SURESH	CHEMISTRY	
3.	Ch. Yelleyy Reddy	chemistry	
4.	N.V. Simhachalam	Civil	
5.	N. Ganeshkumar Rao	CIVIL	
6.	N. Tulasi	chemical Engg.	
7.	V. Pavan Kumar	chemical Engg.	
8.			

Coordinators  
1) Dr. R. Sarada Sarada 22/6/22  
2) Dr. R. Swaroopa Rani 22/6/22

Head of the Department  
22/6/22

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

Head of the  
Department of Chemistry  
Anil Neerukonda Institute of  
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Sangivalasa, Visakhapatnam Dist.

Principal  
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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/04/07

Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 4/07/2022

Name of the FDP : Power Electronics Applications to Smart Grid and Electric Vehicles”

Date and Time of FDP: 27-06-2022 to 1-07-2022, 7:00 PM to 8:00PM

#### Objectives of FDP:

The objective of FDP is to give how some of the equipment related to power electronics are used for applications in smart grid and electric vehicles.

#### Outcomes of FDP:

This FDP gives the exposure to the faculty (mainly to the faculty pursuing PhD.) on present and ongoing development of power electronic devices for the application in smart grid and electric vehicles.

#### Report:

Prof. J Vijaya Kumar and Mrs. D Sri Lakshmi organized faculty development program in association with AEEEA, ANITS on “Power Electronics Applications to Smart Grid and Electric Vehicles” during 27<sup>th</sup> to 1<sup>st</sup> July, 2022. The various topics are covered during this program by resource persons **Dr. T. Vinay Kumar** NIT, Warangal; **Dr. D. Srinivasarao** NIT, Warangal; **Dr. B. Venugopal Reddy** NIT, Goa and **Dr. Chandra Kumar Bharani Pakki** GITAM University.

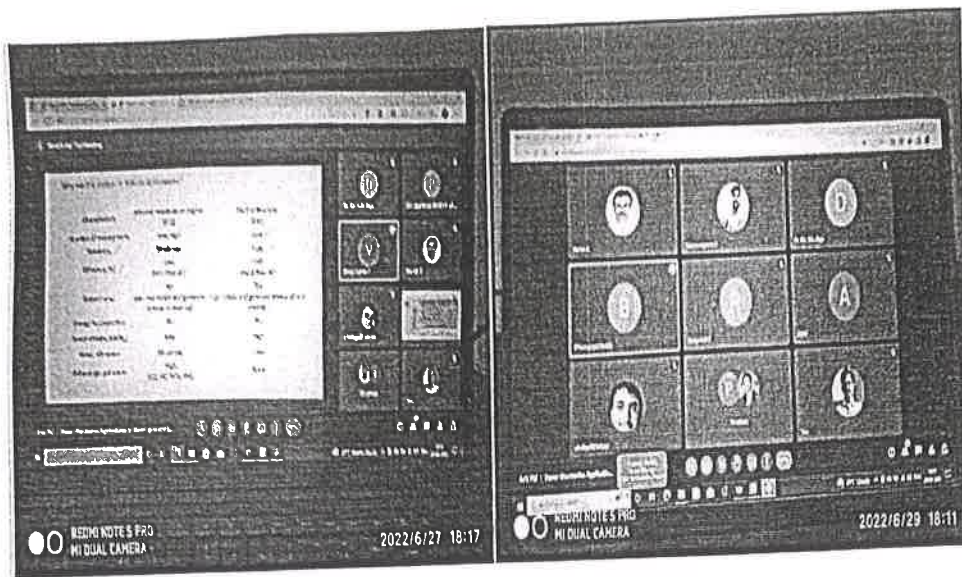
The various topics covered under this program are Speed Control of Electric Motor Drives for Electric Vehicle Applications”, “Battery Charges for Electric Vehicles” and “Reconfigurable Solar PV Array Strategies for Normal & Partial Shading Conditions.”

Dr. J Vijay Kumar, Prof. and IQAC coordinator delivered an Opening Remark, he highlighted the importance and relevance of the topic in the current scenario. Mrs. D Sri Lakshmi, Asst. Prof. EEE concluded the session, where she briefly reviewed some of the main points of the session, she also proposed vote of thanks to our distinguished speakers and participants.

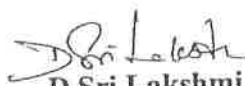
  
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Visakhapatnam Dist.


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







All the participants found this program very educative and informative. Total of 48 has participated in the FDP with 26 Members from various colleges in and around Andhra Pradesh.

  
**D Sri Lakshmi**  
 Asst. Prof.,  
 AEEEA Coordinator

  
**Dr. J Vijay Kumar**  
 Coordinator,  
 IQAC

  
**Dr. G Raja Rao**  
 Prof and HOD,  
 Dept. of EEE  
 Head of the Department  
 ELECTRICAL & ELECTRONICS ENGG.  
 ANITS, Sangivalasa,  
 Visakhapatnam-531 162

  
 Convener, IQAC  
**Anil Neerukonda Institute of  
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SANGIVALASA-531162, BHEEMUNIPATNAM MANDAL, VISAKHAPATNAM DT.





# CERTIFICATE

----- OF PARTICIPATION -----

This is to certify that Sri Lakshmi davuluri, Faculty from ANITS, has participated in a five day Faculty Development Program (FDP) on "*Power Electronics Applications to Smart grid and Electric Vehicles*", held at Department of EEE, Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam, during 27<sup>th</sup> June to 1<sup>st</sup> July 2022. Certificate ID: *NLOCX-CE000087*

  
Prof. J. Vijaya Kumar  
Coordinator-IQAC

  
Prof. G. Raja Rao  
HoD EEE

  
Prof. T. V. Hanumantha Rao  
Principal

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*R. Seikanth*  
Convener, IQAC  
Anil Neerukonda Institute of  
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# CERTIFICATE

## ----- OF PARTICIPATION -----

This is to certify that **V. R. Iyyappan**, Student from **K L N College of engineering, madurai** has participated in a **Five day Faculty Development Program (FDP)** on **"Power Electronics Applications to Smart grid and Electric Vehicles"**, held at Department of EEE, Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam, during 27<sup>th</sup> June to 1<sup>st</sup> July 2022. Certificate ID: **NLOXCX-CE000087**

Prof. J. Vijaya Kumar

Coordinator-IQAC

Prof. G. Raja Rao

HoD EEE

Prof. T. V. Hanumantha Rao

Principal

Made for free with Certify'em

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

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





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**Department of Electrical & Electronics Engineering**

**Conducting an Online FDP on**

**“Power Electronics Applications to Smart grid and Electric Vehicles”**

**In association with AEEEA**

**Topics & Speakers**

“Speed Control of Electric Motor Drives for Electric Vehicle Applications” by Dr. T. Vinay Kumar, NIT Warangal Day-2

“Battery Charges for Electric Vehicles” by Dr. D. Srinivasarao, NIT Warangal

“Reconfigurable Solar PV Array Strategies for Normal & Partial Shading Conditions” by Dr. B. Venugopal Reddy,

NIT Goa

27<sup>th</sup> June 2022 to 1<sup>st</sup> July 2022

**06:00 PM - 07:00 PM**

Registration link

<https://forms.gle/AgKfxR4LrY5u2EZI9>

**Mrs. D. Srilakshmi**  
 Coordinator-AEEEA

*No Registration Fee & E-Certificates will be provided to all the active participants after submission of Registration & Feedback forms.*

Google Meet link

<https://meet.google.com/qub-wtjh-yrb>

**Prof. J. Vijaya Kumar**  
 Coordinator-IQAC

**Prof. G. Raja Rao**  
 HOD

*D. Srilakshmi*

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

*S. G. Raja Rao*  
 Head of the Department  
 ELECTRICAL & ELECTRONICS ENGG.  
 ANITS, Sangivalasa,  
 Visakhapatnam-531 162

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

S. No	Participant Mail id	Participant Name	IN or OUTSIDE College	Attendance of Participant (P - Present, A - Absent)				
				27/06/2022	28/06/2022	29/06/2022	30/06/2022	1/7/2022
1	anjiraj214@gmail.com	Anji ram	OUT	P	P	P	A	P
2	ejkrishnakumar@gmail.com	Krishna kumar	OUT	P	P	P	P	P
3	veerareddy@vrsiddhartha.ac.in	A.V.R	OUT	A	P	P	P	P
4	abdulimran201@gmail.com	Abdul imran	OUT	P	A	P	P	P
5	yamini.eee@nsrit.edu.in	yamini s	OUT	P	P	P	P	P
6	2001suryasurya@gmail.com	Surya M	OUT	P	P	A	P	P
7	Uhandrika@gvpce.ac.in	V. Chandrika	OUT	A	P	P	P	P
8	192020@klnce.edu	192020 EEE	OUT	A	P	P	P	P
9	vibin.086@gmail.com	Vibin Rajan	OUT	A	P	P	P	P
10	pramadharani.vijjapu@raghuinggcollege.in	Pramadha Rani Vijjapu	OUT	P	P	A	P	P
11	satya46@gmail.com	Satyanarayana chandaka	OUT	P	P	P	P	P
12	hemalalitha@gvpce.ac.in	hemalalitha k	OUT	A	P	P	P	P
13	srinudee@nitw.ac.in	Dr. D. Sreenivasarao.	OUT	P	P	A	P	P
14	kalyanchallapalli@gmail.com	challapalli kalyan	OUT	P	P	P	A	P
15	mythily@vrsiddhartha.ac.in	Mythily Gudiwada	OUT	P	P	P	P	A
16	daryabi.shaik@raghuenggcollge.in	Shaik Daryabi	OUT	P	A	P	P	P
17	tarakesh.eee@nsrit.edu.in	tarakesh kmm	OUT	P	P	P	A	P
18	naveen.eee@nsrit.edu.in	naveen kolli	OUT	A	P	P	P	P
19	ajayjaswanth8@gmail.com	Ajay Jaswanth	OUT	P	A	P	P	P
20	satya46@gmail.com	Satyanarayana chandaka	OUT	A	P	P	A	P
21	saijyothi294@gmail.com	Sai Jyothi	OUT	P	P	P	P	A
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23	hemalalitha@gvpce.ac.in	hemalalitha k	OUT	P	P	P	P	A
24	knarendrak0@gmail.com	K.Narendra Kumar	OUT	P	P	A	P	P
25	vinaykumar@nitw.ac.in	Vinay Kumar T	OUT	P	P	P	A	P
26	krishnamadisa4@gmail.com	M L V Krishna Prasad	OUT	P	P	A	P	P
27	divakarrvn.eee@anits.edu.in	divakar r vl	IN	P	P	P	P	P

Dr. D. S. Srinivasarao  
(EEE A)

*(Signature)*  
C IQAC

*(Signature)*  
R. Seetha  
Convener, IQAC  
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Visakhapatnam Dist.

*(Signature)*  
Head of the Department  
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ANITS, Sangivalasa,  
Visakhapatnam-531 162

*(Signature)*  
Principal  
Anil Neerukonda Institute of  
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Visakhapatnam Dist.

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29	vijayakumar.eee@anits.edu.in	Dr Vijaya Kumar J	IN	P	P	P	P	P
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AEEEA Coordiantor

*Dr. S. S. S. S.*  
IQAC Coordiantor

*S. S. S. S.*  
HOD OF EEE

Head of the Department  
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Visakhapatnam-531 162

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Convener, IQAC  
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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)
Sangivalasa-531162, BheemunipatnamMandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

27-01-2022

To
The Principal,
ANITS.

Sub: Permission for organizing a Two Day "SKILL DEVELOPMENT PROGRAMME FOR LABORATORY TECHNICIANS" -Reg.

Sir,

It is to bring to your kind notice that the Department of Mechanical Engineering is going to organize a Two Day skill development programme on "MAINTENANCE AND CALIBRATION OF METROLOGY AND MECHANICS OF SOLIDS EQUIPMENTS" from 28-01-2022 to 29-01-2022. The resource persons are identified from National Accreditation Board for Testing and Calibration Laboratories (NABL) which is a Constituent Board of Quality Council of India.

Kindly give the permission to organize the Programme.

Resource Persons:

- 1. Mr. Hemachalam
Sr. Technical Engineer, Sastha scientific Agencies, Bangalore.
2. Mr. Vyshak Vijayan
Sr. Technical Engineer, Sastha scientific Agencies, Bangalore.

Faculty Coordinators:

- 1. Dr. K. Naresh Kumar
Asst. Professor, Dept of Mech . Engg.,
ANITS.
2. Dr. M. Prasanth Kumar
Asst. Professor, Dept of Mech . Engg.,
ANITS.

Handwritten signature of Dr. K. Naresh Kumar

Handwritten signature of Dr. M. Prasanth Kumar

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Visakhapatnam Dist.



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

Handwritten signature and date: 22/1/22

Handwritten note: Hostel boarder : Lodging for 2 members for 2 days

Man

Handwritten note: Landy for 4 members for 2 days

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



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)**

**DEPARTMENT OF MECHANICAL ENGINEERING**

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA Tier- 1 & NAAC)

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Phone 08933-225084, 226395

Date: 29/01/2022

**A Report on Two-Day Skill Development Program for Laboratory Technicians**

**Title: Maintenance and Calibration of Metrology and Mechanics of Solids equipment**

**Duration: 28<sup>th</sup> and 29<sup>th</sup> January 2022**

Calibration of standard equipment like Universal Testing Machine, Hardness Testers, Torsion Testing Machine, Precision Measuring Instruments (Sine-bar, Vernier Height Gauge, etc.) is mandatory to obtain reliable results. Further, their periodic maintenance is also necessary to enhance their life span. To fulfill this objective and to train our technical staff in these procedures, the services of senior technical Engineer from M/s. Sastha Scientific Agencies, Bangalore were utilized.

This organization is accredited by NABL and hence its certification is recognized and authentic. The technical staff of our Department was simultaneously exposed to the procedures of maintenance and calibration. The staff was given Hands-on-Training in changing the worn-out components of the machines. The resource person also dealt in detail the safety protocol that has to be implemented in conducting tests on UTM, Hardness testers and Torsion testing machine to enhance their longevity. The Engineer also gave a demonstration of the various tests on the machines to authenticate their working.

This Two-day program was aimed at enhancing the skills of the technicians in the maintenance of machinery, which has been fulfilled successfully.

Faculty Coordinators:

1. Dr.K.Naresh Kumar
2. Dr.M.Prasanth Kumar

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

Sr. Technical Engineer,  
Sastha Scientific Agencies,  
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(Prof.B.Naga Raju)  
HOD, Mechanical,  
ANITS.

PROFESSOR & HEAD  
of Mechanical Engineering  
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**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)**

**DEPARTMENT OF MECHANICAL ENGINEERING**

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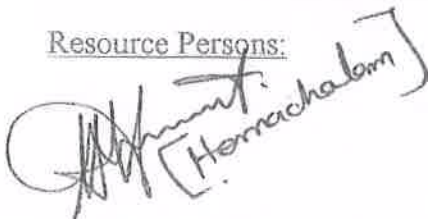
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Phone 08933-225084, 226395

**A Two Day "SKILL DEVELOPMENT PROGRAMME FOR LABORATORY TECHNICIANS"**




Resource Persons:


  
[Honnachalam]


Faculty Coordinators:

R. Seetha  
**Convener, IQAC**  
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29/1/22

  
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## DEPARTMENT OF MECHANICAL ENGINEERING

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### A Two Day "SKILL DEVELOPMENT PROGRAMME FOR LABORATORY TECHNICIANS"

S. No	Name of the technician	Signatures	
		28-Jan 2022	29-Jan 2022
1.	M. Raja		
2.	Ch. Lokeswara Rao		
3.	B.R.S. Rayalu		
4.	P. Srinivasa Rao		
5.	B. Rama Rao		
6.	L. Sreenivasa Rao		
7.	N. Appanna		
8.	R. Santhosh Kumar		
9.	A.V. Bhaskar Rao		
10.	D. Sreenu		
11.	M. Appala Swamy		

#### Resource Persons:

1. Mr. Hemachalam  
Sr. Technical Engineer, Sastha Scientific Agencies, Bangalore.
2. Mr. Vyshak Vijayan  
Sr. Technical Engineer, Sastha Scientific Agencies, Bangalore.

#### Faculty Coordinators:

1. Dr K. Naresh Kumar  
Asst. Professor, Dept of Mech, Engg.,  
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2. Dr M. Prasanth Kumar  
Asst. Professor, Dept of Mech, Engg.,  
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29/1/22



## AICTE-ISTE Induction/Orientation Programme for Engineering Colleges & Poly Technic Colleges



### REPORT

#### Title of the Program

## Blockchain and Distributed Ledger on

(18th December –24th December-2021)

#### Co-ordinator

Dr. M Rama Krishna Murthy




Department of Computer Science and Engineering  
Anil Neerukonda Institute of Technology & Sciences

*R. Sekharth*  
Convener, IQAC  
Anil Neerukonda Institute of  
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*RK*  
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COLLEGE CODE : ANIL



**Department of Computer Science & Engineering,  
Cordially Invites you to the**



**Inaugural Ceremony of**



**AICTE-ISTE  
SPONSORED**

**ONLINE INDUCTION/REFRESHER PROGRAM ON  
BLOCKCHAIN AND DISTRIBUTED LEDGER**

**Date : 18<sup>th</sup> Dec 2021, 9:30 AM**

**Chief Guest  
Prof. P.V.G.D Prasad Reddy,  
Vice Chancellor,  
Andhra University**

**Patron  
Prof. T.V. Hanumantha Rao  
Principal,  
ANITS(A)**

**Will grace the occasion**

**Convener  
Dr. R. Sivaranjani  
Prof & HoD, CSE, ANITS(A)**

**Coordinator  
Dr. M Ramakrishna Murthy,  
Professor, CSE Dept, ANITS(A)**

**Co-Coordinators**

**Mrs. G Santoshi  
Asst. Professor, Dept. of CSE, ANITS(A)**

**Mrs. S.V.S.S Lakshmi  
Asst. Professor, Dept. of CSE, ANITS(A)**

*K. Sankar*  
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*QV*  
**Principal  
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Visakhapatnam Dist.**



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COLLEGE CODE : ANIL



**Department of Computer Science & Engineering,  
Cordially Invites you to the**



**Valedictory Ceremony of**



**AICTE-ISTE  
SPONSORED**

**ONLINE INDUCTION/REFRESHER PROGRAM  
on  
BLOCKCHAIN AND DISTRIBUTED LEDGER**

**Date : 24<sup>th</sup> Dec 2021, 1:30 PM**

**Chief Guest**

**Prof. Vijay D. Vaidya,**  
Executive Secretary  
ISTE

**Guests of Honour**

**Prof. S C Satapathy**  
Dean, R&D  
KIIT University

**Patron**

**Prof. T.V. Hanumantha Rao**  
Principal,  
ANITS(A)

**Will grace the occasion**

**Convener**

**Dr. R. Sivaranjani**  
Prof & HoD, CSE, ANITS(A)

**Coordinator**

**Dr. M Ramakrishna Murthy,**  
Professor, CSE Dept, ANITS(A)

**Co-Coordinators**

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# Anil Neerukonda Institute of Technology & Sciences

Department of Computer Science & Engineering



AICTE - ISTE SPONSORED INDUCTION/REFRESHER PROGRAM



On  
BLOCK CHAIN AND DISTRIBUTED LEDGER  
December 18<sup>th</sup> -24<sup>th</sup> , 2021  
Program Schedule

S. No.	Day & Date	Session 1 Timings: 9:30 AM - 11:00 AM	Session 2 Timings: 11:10 AM - 12:40 PM	Session 3 Timings: 01:30 PM - 03:00 PM
1	Saturday 18 December 2021 Blockchain Foundation	Inaugural Session Prof. P.V.G.D Prasad Reddy, Vice Chancellor, Andhra University	Fundamentals of Blockchain Dr.Dorsala Mallikarjuna Reddy , Blockchain researcher,Mckinley & Rice	Basic Smart Contract Development using Solidity & Remix Dr.Dorsala Mallikarjuna Reddy , Blockchain researcher,Mckinley & Rice
2	Monday 20th December 2021 Ethereum, Smart Contract & DApps	Towards Scalable and Secure transaction in Permissionless Blockchain Dr Somanadh Tripati, Associate Professor, IIT Patna	Higher Education Policy Prof C.B Sharma, Professor, Indira Gandhi National Open University	Blockchain Technologies & Its Application Dr. Laxmi Rawath, Associate Professor, Mallareddy University , Hyderabad
3	Tuesday 21st December 2021 Hyperledger Fabric	Introduction to Blockchain with Bitcoin as Case Study Dr Subba Rao Y V, Assistant Professor, University of Hyderabad	Permissioned Blockchain Dr. Sandeep Saxena, Professor, Galgotia College of Engineering and Technology, Noida	Permissioned Blockchain Hyperledger Fabric Dr Rukma Rekha, Assistant Professor, University of Hyderabad
4	Wednesday 22nd December 2021 IOTA	Designing Application along with Blockchain Mr. Rishi Cherukuri Co-founder of Dcentrum, Technology Architect	Concern Algorithm in Blockchain Dr Subba Rao Y V, Assistant Professor, University of Hyderabad	Blockchain application in IOT Mr. V Srinivas Raju, Senior Consultant, MSRIT Services LLP, Hyderabad
5	Thursday 23rd December 2021 Ideas & Use Cases	Impact of Blockchain on Secure Group Community Dr V.S Naresh Professor, Dean R&D Sri Vasavi Engineering College	Security & privacy issues in Block chain Dr.Rukma Rekha University of Hyderabad	Blockchain and its application in Information Security Dr Goutam Sanyal, Professor, NIT, Durgapur
6	Friday 24th December 2021 Summary of Blockchain	Summary of Blockchain and Case studies Rishi Cherukuri Co-founder of Dcentrum, Technology Architect	Habits and Hobbies Dr K.V.S.G Murali Krishna , JNTU , Kakinada	Valedictory Session. Chief Guest Prof. Vijay D.Vidya Executive Secretary , ISTE Guest of Honour Prof S C Satapathy, Dean R&D KIIT, Bhubeneshwar

*R. S. Sanyal*  
Convener, IQAC  
Anil Neerukonda Institute of  
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*R. S. Sanyal*  
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### Department of Computer Science & Engineering



#### LIST OF RESOURCE PERSONS INVITED FOR

#### AICTE – ISTE SPONSORED INDUCTION/REFRESHOR PROGRAM

On

#### BLOCK CHAIN AND DISTRIBUTED LEDGER

December 18<sup>th</sup> -24<sup>th</sup> , 2021

S. N	Name of the Resource Person	Address	Contact Details	Topic
1	Prof. P.V.G.D Prasad Reddy, Vice Chancellor	Vice Chancellor Andhra University, Visakhapatnam Andhra Pradesh	9393112979	Keynote Speaker Inaugural Session
2	D. Mallikarjuna Reddy, Block Chain Researcher	Block chain Researcher Mckinley and Rice, Noida, New Delhi	7207558884	Fundamentals of Block Chain Basic Smart Contract Development using Solidity & Remix
3	Dr SomanadhTripathi, Associate Professor	Associate Professor Dept.of CSE IIT Patna, Bihar, India	08084717331	Towards Scalable and Secure transaction in Permission less Blockchain
4	Prof C.B Sharma, Professor	Professor in Education Indira Gandhi National Open University, New Delthi	9810512605	Higher Education Policy
5	Dr Lakshmi Rowat, Associate Professor.	Malla Reddy University, Hyderabad, Telangana	9985806177	Blockchain Technologies and its application
6	Dr Subba Rao Y V, Assistant Professor	Department of CSE, University of Hyderabad( Central University), Hyderbad ,Telangana	9849032583	Introduction to Blockchain with Bitcoin as Case Study, Cryptography used in Blockchain
7	Dr Gowatham Sanyal, Professor.	Professor ,Dept.CSE, NIT, Durgapur,WB	09382663564	Blockchain Using Security

*R. Seetha*  
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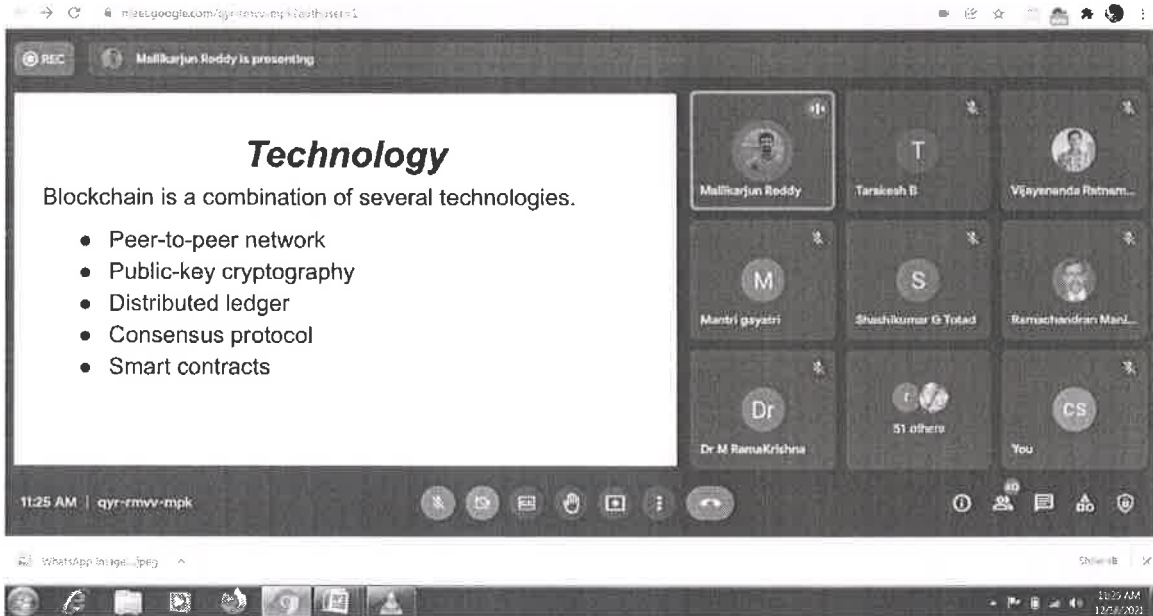
*Principal*  
Anil Neerukonda Institute of  
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Visakhapatnam Dist.

Photos of Blockchain FDP

Inaugural



Day1 Session2 and 3 by Mallikarjuna Reddy



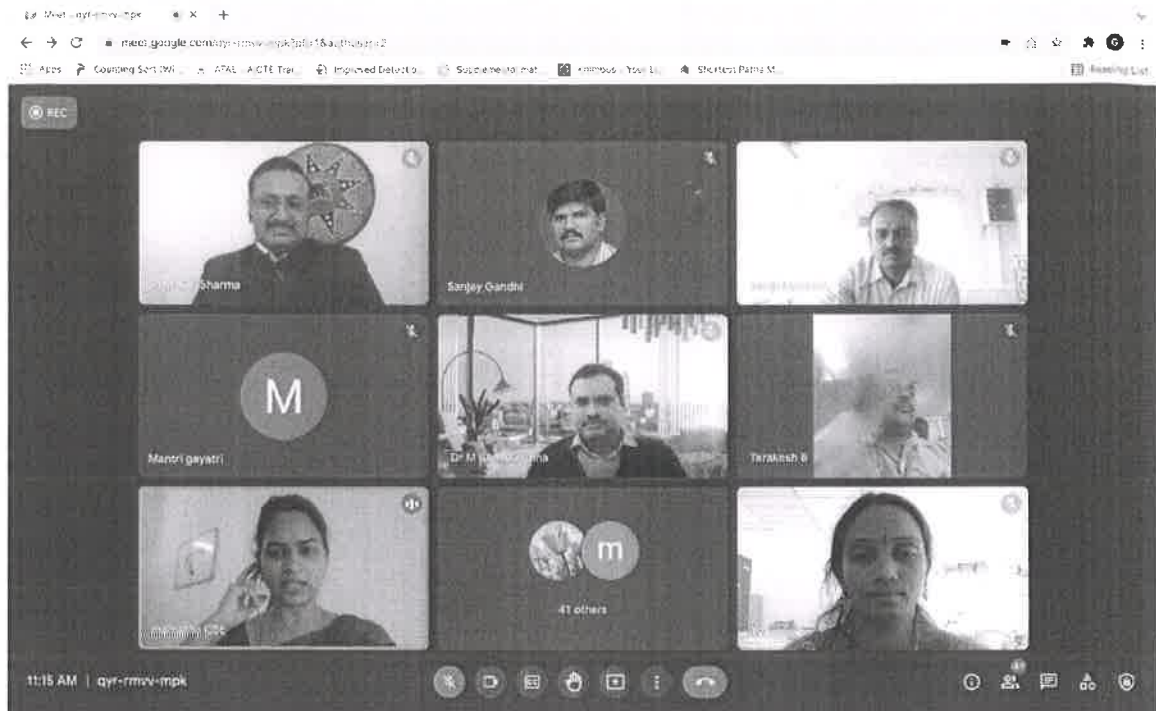
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*QW*  
Principal  
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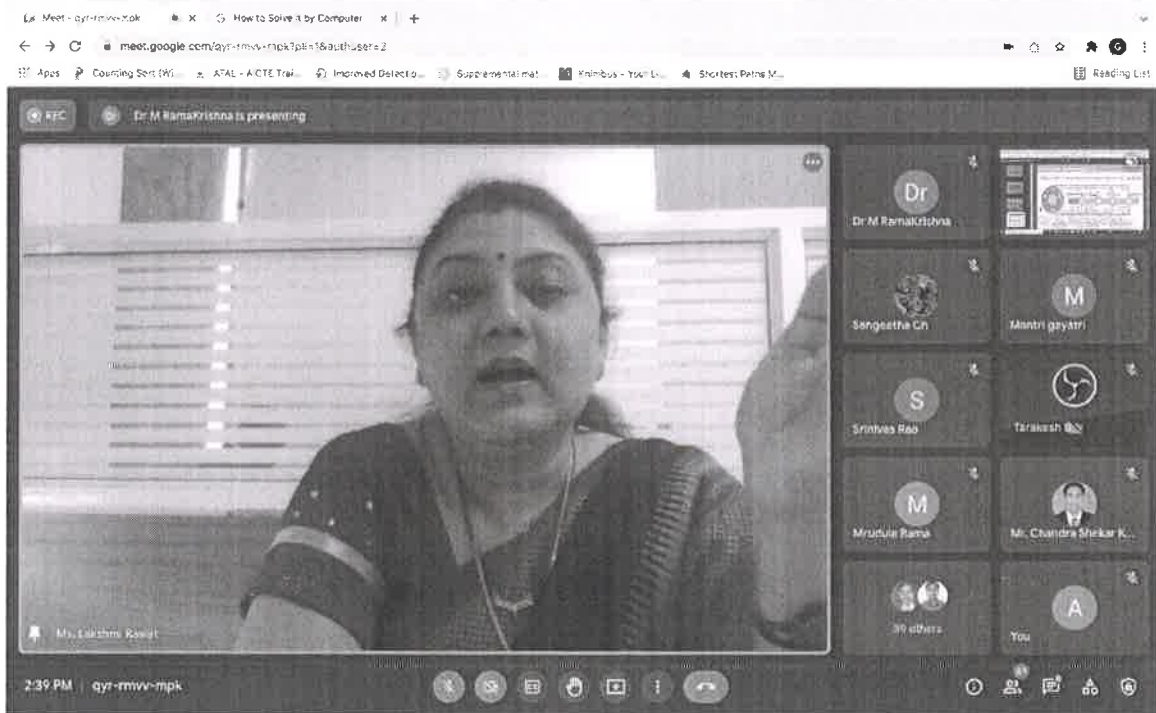




### Day2\_ Session 2 by Prof C B Sharma



### Day2\_ Session 3 by Dr Lakshmi Rawath



### Day3\_ Session1 by Dr Subba Rao Y V

*R. Subbarath*  
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Visakhapatnam Dist.

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

REC Subba Rao Y V is presenting

### Digital Signatures

- Three algorithms:
  - $(sk, pk) := \text{generateKeys}(\text{keysize})$
  - $\text{sig} := \text{sign}(sk, \text{message})$
  - $\text{isValid} := \text{verify}(pk, \text{message}, \text{sig})$
- Two properties hold:
  - $\text{verify}(pk, \text{message}, \text{sign}(sk, \text{message})) == \text{true}$ .
  - Signatures are existentially unforgeable.
- A node initiates a transaction in a block chain network by employing a digital signature.

10:14 AM | qyr-rmvv-mpk

### Day3\_Session2 by Dr Sandeep Saxena

Shared with me Google Drive | Block Chain Distributed Ledg... Meet qyr-rmvv-mpk

meet.google.com/qyr-rmvv-mpk?ll=1&authuser=2

Apps | DocuSign Scri (W... | ATAL - AICTE Fra... | Improved Detectio... | Supplemental (rat... | Kriabus - Your Li... | Shortest Pw's M... | Reading list

REC Sandeep Saxena is presenting

### Do We Really Need to Execute Contracts at Each Node

- Not necessary always, we just need state synchronization across all the nodes

11:47 AM | qyr-rmvv-mpk

PDFGallery\_2021...pdf | Le 1 Sols of India...pdf | :OR- Santoshi...docx | :OR 2 & LOR 3.pdf

### Day3\_Session3 by Dr Rukma Rekha N

*R. Rekha*  
 Convener, IQAC  
 Anil Neerukonda Institute of  
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 Sangivalasa-531 162  
 Warangal Dist.

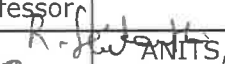
*R.R.*  
 Principal  
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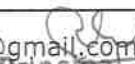
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## AICTE -ISTE INDUCTION PROGRAMME ON BLOCK CHAIN & DISTRIBUTED LEDGER

### List of Participants

S.No.	Name of the participant	Designation	Name of the College	Mobile Number	Mail Id	Membership ID
1	Ponnaboyina Ranganath	Assistant Professor	Acharya Nagarjuna University	8008667696	ranganathponnaboyina@gmail.	
2	A.KAVITHA	Assistant Professor	Aditanar College of Arts and Science, Tiruchendur	8122093454	Kavithajeyavelmurugan2016@g mail.com	
3	SARITA KILARAPU	Assistant Professor	Aditya Engineering College, Surampalem	8374992677	saritakilarapu@gmail.com	LM129012
4	A V L N SUJITH	Associate Professor	Anantha Lakshmi Institute of Technology and Sciences, Ananthapur	9505132501	sujeeth.avln@gmail.com	
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**DEPARTMENT OF INFORMATION TECHNOLOGY**

Ref: ANITS/IT/2020-21/Faculty/Circulars/

Date: 03.11.2021

**CIRCULAR**

All the faculty are informed to attend the 5-Day Faculty Development Program on “Digital Teaching Techniques” organized by Department of IT from 09.11.2021-13.11.2021.

**Resource Person:**

Mrs. V. Annapoorna, Asst. Professor, IT

**Venue** : NS Lab

**Time** : 11:00 A.M. to 12:00 P.M

**Schedule:**

Date	Topic
9.11.2021	<ul style="list-style-type: none"><li>➤ Introduction to Teaching Techniques</li><li>➤ Types of learners</li><li>➤ Need for Digital Transformation</li></ul>
10.11.2021	<ul style="list-style-type: none"><li>➤ Online teaching and learning strategies</li><li>➤ Engagement Strategies</li></ul>
11.11.2021	<ul style="list-style-type: none"><li>➤ Pedagogy integration with Digital Tools</li></ul>
12.11.2021	<ul style="list-style-type: none"><li>➤ Evaluation Methodologies</li><li>➤ An ideal digital classroom</li></ul>
13.11.2021	<ul style="list-style-type: none"><li>➤ The art of answering online</li><li>➤ Analysis of performance</li><li>➤ Future of education</li></ul>

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HoD, IT





**Anil Neerukonda Institute of Technology & Sciences**

**Autonomous Status accorded by UGC and Andhra University**

**Sangivalasa - 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP**

**A 5-Day Faculty Development Program**

**On**

**Digital Teaching Techniques**

**by**

**Mrs. V. Annapoorna**

**From: 09.11.2021 - 13.11.2021**

**Venue: NS Lab**

**Time: 12:00 P.M. to 01:00 P.M**

**Faculty Co-ordinator**

**D. Satya Prasad**

*R. Srinivas*  
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**Organized by**

**HOD**

**Prof. P. Padmaja**

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DEPARTMENT OF INFORMATION TECHNOLOGY

## 5-DAY FDP on Digital Teaching Techniques

### Attendance Sheet

S.No	Name of the Faculty	9-11-2021( Day-1)	10-11-2021( Day-2)	11-11-2021( Day-3)
1	Prof.P.Padmaja			
2	Dr. M Rekha Sundari			
3	Dr. K.Sharada			
4	Dr.Sadi Ram Prasad Reddy			
5	Dr.A.Anupama			
6	Dr. V Suresh			
7	Mr. Ch. D. Naidu			
8	Mr. N. Aditya Sundar			
9	Mr. Pandit Samuel			
10	Mr. M. V. Kishore			
11	Ms. V. Annapoorna			
12	Ms. J S V Sai Hari Priyanka			
13	Mr. Prasadu Reddi			
14	Ms. M Navyasri			
15	A.Surekha			
16	Mrs. G Vijaya Lakshmi			
17	Mr. A Durga Praveen Kumar			
18	Mrs. K Swathi			
19	Mrs. V Alekya			
20	Mrs.M.Swathi			
21	K.Chandusha			
22	A.Bhanu Sri			
23	G.Ravi			
24	V.V.Naga Mani			
25	K.V.Chandra Sekhar			
26	P.Satish Kumar			
27	U.Gouthami			
28	D.Satya Prasad			
29	D.Chandrika			
30	P.Naveena			

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## DEPARTMENT OF INFORMATION TECHNOLOGY

### 5-DAY FDP on Digital Teaching Techniques

#### Attendance Sheet

S.No	Name of the Faculty	12-11-2021( Day-4)	13-11-2021( Day-5)
1	Prof.P.Padmaja		
2	Dr. M Rekha Sundari		
3	Dr. K.Sharada		
4	Dr.Sadi Ram Prasad		
5	Dr.A.Anupama		
6	Dr. V Suresh		
7	Mr. Ch. D. Naidu		
8	Mr. N. Aditya Sundar		
9	Mr. Pandit Samuel		
10	Mr. M. V. Kishore		
11	Ms. V. Annapoorna		
12	Ms. J S V Sai Hari		
13	Mr. Prasadu Reddi		
14	Ms. M Navyasri		
15	A.Surekha		
16	Mrs. G Vijaya Lakshmi		
17	Mr. A Durga Praveen		
18	Mrs. K Swathi		
19	Mrs. V Alekya		
20	Mrs.M.Swathi		
21	K.Chandusha		
22	A.Bhanu Sri		
23	G.Ravi		
24	V.V.Naga Mani		
25	K.V.Chandra Sekhar		
26	P.Satish Kumar	Satish	Satish
27	U.Gouthami		
28	D.Satya Prasad		
29	D.Chandrika		
30	P.Naveena		

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### Summary Report

**Topic:** Digital Teaching Techniques

**Dates:** 9-11-2021 to 13-11-2021

**Time:** 12:00PM to 1:00 PM

**Venue:** NS-LAB

**Participants:** 19

I am Mrs.V.Annapoorna, Asst.Prof, IT department completed a certification course on Digital Teaching Techniques organized by ICT academy.

A teaching method comprises the principles and methods used by teachers to enable student learning. These strategies are determined partly on subject content to be taught and partly by the nature of the learner. It is the primary role of teachers to pass knowledge and information onto their students. The introduction provides interest and motivation to the students. It focuses students' attention on the lesson and its purposes. It also convinces students that they will benefit from the lesson. The way: asking questions to get the students thinking about the topic of the lesson.

As a part of knowledge dissemination session, I have presented various strategies and methods used in Digital Teaching and also demonstrated them about the digital tools and techniques, that can be used by the teacher for easy understanding of the students of various types.

#### **Contents covered:**

- Introduction to Teaching Techniques
- Types of learners
- Need for Digital Transformation
- Online teaching and learning strategies
- Pedagogy integration with Digital Tools
- Engagement Strategies
- Evaluation Methodologies
- An ideal digital classroom
- The art of answering online
- Analysis of performance
- Future of education

  
Mrs. V. Annapoorna, Asst. Prof, IT

  
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DEPARTMENT OF INFORMATION TECHNOLOGY

Ref: ANITS/IT/2020-21/Faculty/Circulars/

Date: 03.11.2021

CIRCULAR

All the faculty are informed to attend the 5-Day Faculty Development Program on “Wipro Talent Next” organized by Department of IT from 02.11.2021-06.11.2021.

**Resource Person:**

1. Dr.A.Anupama, Associate Professor, IT
2. Mrs.U.Gauthami, Assistant Professor, IT

**Venue** : NS Lab

**Time** : 1:00 A.M. to 2:00 P.M.

**Schedule:**

Date	Topic
2.11.2021	AJAX
3.11.2021	Hibernate
4.11.2021	Spring Core
5.11.2021	Spring Boot
6.11.2021	REST Web Service

  
(Prof.P.Padmaja)  
HoD, IT

  
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.



**Anil Neerukonda Institute of Technology & Sciences**

**Autonomous Status accorded by UGC and Andhra University**

Sangivalasa - 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

**A 5-Day Faculty Development Program**

**On**

**Wipro Talent Next**

**by**

**Dr. A. Anupama and Mrs. U. Gauthami**

**From: 02.11.2021 - 06.11.2021**

**Venue: NS Lab**

**Time: 12:00 P.M. to 01:00 P.M.**

**Faculty Co-ordinator**

**D. Satya Prasad**

Convener, IQAC

**HOD**

**Prof. P. Padmaja**

**Organized by**

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**(Accredited by NBA Tier-1)**

**Principal**  
**Anil Neerukonda Institute of**  
**Technology & Sciences**

**Sangivalasa - 531162**  
**Visakhapatnam Dist 1/2**





**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)**  
(Affiliated to Andhra University)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**5-DAY FDP on Wipro Talent Next**

**Attendance Sheet**

S.No	Name of the Faculty	2-11-2021( Day-1)	3-11-2021( Day-2)	4-11-2021( Day-3)
1	Prof.P.Padmaja			
2	Dr. M Rekha Sundari	<i>MR</i>	<i>MR</i>	<i>MR</i>
3	Dr. K.Sharada	<i>KS</i>	<i>KS</i>	<i>KS</i>
4	Dr.Sadi Ram Prasad Reddy	<i>SR</i>	<i>SR</i>	<i>SR</i>
5	Dr.A.Anupama			
6	Dr. V Suresh			
7	Mr. Ch. D Naidu	<i>MD</i>	<i>MD</i>	<i>MD</i>
8	Mr. N. Aditya Sundar			
9	Mr. Pandit Samuel	<i>PS</i>	<i>PS</i>	<i>PS</i>
10	Mr. M. V. Kishore	<i>MV</i>	<i>MV</i>	<i>MV</i>
11	Ms. V. Annapoorna	<i>VA</i>	<i>VA</i>	<i>VA</i>
12	Ms. J S V Sai Hari Priyanka	<i>JS</i>	<i>JS</i>	<i>JS</i>
13	Mr. Prasadu Reddi	<i>PR</i>	<i>PR</i>	<i>PR</i>
14	Ms. M Navyasri	<i>MM</i>	<i>MM</i>	<i>MM</i>
15	A.Surekha	<i>AS</i>	<i>AS</i>	<i>AS</i>
16	Mrs. G Vijaya Lakshmi			
17	Mr. A Durga Praveen Kumar	<i>AD</i>	<i>AD</i>	<i>AD</i>
18	Mrs. K Swathi	<i>KS</i>	<i>KS</i>	<i>KS</i>
19	Mrs. V Alekya			
20	Mrs.M.Swathi			
21	K.Chandusha			
22	A.Bhanu Sri	<i>AS</i>	<i>AS</i>	<i>AS</i>
23	G.Ravi	<i>GR</i>	<i>GR</i>	<i>GR</i>
24	V.V.Naga Mami			
25	K.V.Chandra Sekhar			
26	P.Satish Kumar	<i>SK</i>	<i>SK</i>	<i>SK</i>
27	U.Gouthami	<i>UG</i>	<i>UG</i>	<i>UG</i>
28	D.Satya Prasad			
29	D.Chandrika	<i>DC</i>	<i>DC</i>	<i>DC</i>
30	<i>P.P. Padmaja</i>	<i>PP</i>	<i>PP</i>	<i>PP</i>

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Visakhapatnam Dist.

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Sangivalasa-531 162



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

(Affiliated to Andhra University)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.

DEPARTMENT OF INFORMATION TECHNOLOGY

5-DAY FDP on Wipro Talent Next

## Attendance Sheet

S.No	Name of the Faculty	5-11-2021( Day-4)	6-11-2021( Day-5)
1	Prof.P.Padmaja		
2	Dr. M Rekha Sundari		
3	Dr. K.Sharada		
4	Dr.Sadi Ram Prasad		
5	Dr.A.Anupama		
6	Dr. V Suresh		
7	Mr. Ch. D. Naidu		
8	Mr. N. Aditya Sundar		
9	Mr. Pandit Samuel		
10	Mr. M. V. Kishore		
11	Ms. V. Annapoorna		
12	Ms. J S V Sai Hari		
13	Mr. Prasadu Reddi		
14	Mrs. M Navyasri		
15	A. Surekha		
16	Mrs. G Vijaya Lakshmi		
17	Mr. A Durga Praveen		
18	Mrs. K Swathi		
19	Mrs. V Alekya		
20	Mrs.M. Swathi		
21	K.Chandru Jha		
22	A.Bhama Sri		
23	G. Ravi		
24	V. V. Naga Mani		
25	K.V.Chandras S. Mahar		
26	P. Sankar Prasad		
27	G. Govilami		
28	D.Surya Prasad		
29	D.Chandrika		
30	P.Naveena		

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

**Principa**  
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)  
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District  
Phone: 08933-225083/84/87 Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

### Summary Report

Topic: Wipro Talent Next

Date: 2-11-2021-6-11-2021

Time: 12:00PM to 1:00 PM

Venue: NS-LAB

Participants: 19

We Dr.A.Anupama, Associate Professor and Mrs. U.Gauthami, Asst.Prof, IT department completed a certification course Wipro Talent Next organized by Wipro. These sessions cover the learning fundamental as well as advanced topics like Spring, Spring Boot, and Hibernate Frameworks. Students were assessed on hands-on activities. As a part of Faculty Development Program, we have presented various strategies and methods used in Spring, Spring Boot, and Hibernate Frameworks.

#### Contents covered:

- **AJAX**
- **Hibernate**
- **Spring Core**
- **Spring Boot**
- **REST Web Service**

Dr.A.Anupama Associate Professor, Department of IT

Mrs.U.Gauthami, Assistant Professor, Department of IT

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

*[Signature]*  
Principal  
Anil Neerukonda Institute  
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Visakhapatnam Dist.





**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES  
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Phone: 08933- 225084,226395


**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ANITS/ECE/WORKSHOP/10\_OCT\_21**

This is hereby informed to the Teaching and Non Teaching staff of the Department of ECE, that a two days technical workshop, titled “IoT using Raspberry pi”, in association with Appleton Innovation pvt Ltd, Visakhapatnam , is scheduled on 22<sup>nd</sup> and 23<sup>rd</sup> of October 2021. Hence I request all to please avail this opportunity and enhance your skills.

Note: Please find the schedule below:


Day	Date	Time	Particulars
Day 1	22.10.21	09:30 AM-10:30 AM	Introduction to Internet of Things & Sensors, Signals & Electronics <b>Mr.Bapuji.K</b> , M.Tech, (CEO Appleton Innovation Pvt. Ltd)
		10 : 45 AM-12:00 PM	Getting Started with Raspberry pi, installation, Setup <b>Mr. Satish</b> (trainer, Appleton Innovation Pvt. Ltd) <b>Mr.Bapuji.K</b> , M.Tech, (CEO Appleton Innovation Pvt. Ltd)
		12:00 PM-12:50PM	Lunch
		12:50 PM-03:00PM	Programming with Raspberry pi, <b>Mr.Bapuji.K</b> , M.Tech, (CEO Appleton Innovation Pvt. Ltd)
		23.10.21	09:30 AM-10:30 AM
Day 2	23.10.21	10 : 45 AM-12:00 PM	Working with Node Red, <b>Mr.Bapuji.K</b> , M.Tech, (CEO Appleton Innovation Pvt. Ltd)
		12:00 PM-12:50PM	Lunch
		12:50 PM-02:00PM	IoT using Thing view Platform <b>Mr.Bapuji.K</b> , M.Tech, (CEO Appleton Innovation Pvt. Ltd)
		02:30PM-03:30PM	Hands on <b>Mr.Bapuji.K</b> , M.Tech, (CEO Appleton Innovation Pvt. Ltd)

  
Co-ordinator,  
Dr. S. Srinivas,  
Associate Professor, Dept of ECE.

**Circulate to,**

Staff, ECE,  
Notice Board, ECE.  
Mrs. B. Deepa, Website coordinator,  
Office ,  
Workshop file coordinator

  
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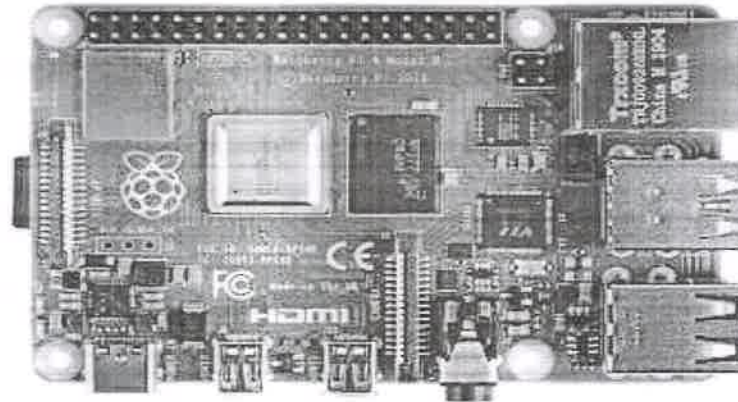
  
HoD, ECE,  
V. Rajyalakshmi,  
Professor, Dept of ECE  
Head of the Department  
Department of ECE  
Anil Neerukonda Institute of Technology & Sciences  
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Visakhapatnam Dist.



# Two Days Technical Workshop on "IoT USING RASPBERRY PI"

**Resource Person :**  
**Mr.K.Bapuji**  
**CEO of Appleton Innovation**  
**Pvt.Ltd**



**Coordinator**  
**Dr.S.Srinivas**

**Convenor**  
**Dr.V.Rajya Lakshmi**

*R. Seetha*  
Convener, IQAC  
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Visakhapatnam Dist.

*Organized by*  
*Department of ECE*

*Anil Neerukonda Institute of Technology and Sciences*

*Se*  
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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**REPORT**  
**On**  
**Two day technical workshop for Teaching and Non-Teaching staff**

Anil Neerukonda Institute Of Technology And Sciences (ANITS), Department of ECE, has organized Two day technical workshop for Teaching and Non-Teaching staff on “IoT using Raspberry pi” on 22<sup>nd</sup> and 23<sup>rd</sup> of October 2021. A total of 37 participants were attended the program. 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 its fascinating applications. 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 workshop served as a platform to create awareness among participants by engaging them in all aspects of IoT, including components, technologies, products, Application, consumer usage and societal impact. Participants got insight of Raspberry pi and got familiar with its working and applications. Day wise details of happenings reported as follows.

**Day 1: 22<sup>nd</sup> October 2021**

**Technical Session-1:**

**Topic: Introduction to Internet of Things**

**Resource Person: Mr. Babuji.K, C. E. O, Appleton Innovation Pvt. Ltd.**



The first technical session started with formal welcome note by Dr. S. Srinivas, Associate professor, Dept. of ECE, ANITS. The resource person of this session, Babuji.K, C. E. O, Appleton Innovation Pvt. Ltd, started his discussion with a detailed introduction to Internet of Things (IoT), in which he detailed IOT Applications, IOT Network Architecture, IOT Device Architecture, IOT Communication Protocols and IOT Product Development Overview. He further introduced the participants to different peripherals like Analog Sensors: Temperature, Light Sensor, Potentiometer, Digital Sensors: Soil Moisture sensor, Motion Sensor, DHT11 sensor, Button, Digital Signals, Basic electronics: resistors, capacitors, diodes, transistors and etc., and actuators and their interfacing like Interfacing Piezo Buzzer Interfacing LED’s, Interfacing RGB LED’s Interfacing Relay,

Interfacing Motor pump.

**Session 2: Getting Started with Raspberry pi, installation, Setup**  
**Mr. Babuji.K, M.Tech, (CEO Appleton Innovation Pvt. Ltd)**



Mr. Babuji, Introduced the Raspberry Pi to the participants, and explained, Hardware Basics and Architecture of Raspberry Pi, Booting the Raspberry Pi 3 and OS Options Overview. Mr. Babuji, further made the participants learn about Interfacing Hardware with the Raspberry Pi. He also discussed using Raspberry Pi as PC, Raspberry Pi Remote Access, Bash Command-line, Basics of electronic components and Interfacing LED, Buzzer, Switch, etc. He also gave Raspberry Pi LED Blink Example and Linux Overview and Device Drivers.

*R. Seikanth*  
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*Principal*  
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**Session 3: Programming with Raspberry pi,  
Mr.Bapuji.K , M.Tech, (CEO Appleton Innovation Pvt. Ltd)**



Sending emails

Mr. Bapuji explained Execution Steps, Basics of Python, Understanding Python, Interpreted Languages, Variables, Keywords, Operators and Operands, Data Types in Python, Flow Control, Condition Statement, Loops, Importing Libraries, Functions, Classes, Python and Hardware Access, LED Blinking using Python Raspberry pi library, Temperature and Humidity sensing using DHT-11 sensor, Motion detection using Raspberry pi, Sending email alerts when Motion detected using PIR sensor and Configuring web server the following during the session. He also trained the participants on projects like LED Blinking using Python Raspberry pi library, Temperature and Humidity sensing using DHT-11 sensor and Raspberry Pi, Motion detection using Raspberry pi, Sending Sensor Data to Cloud using Raspberry Pi,

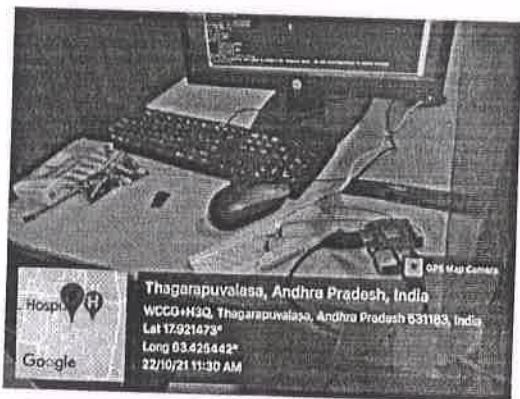
Mr. N. Srinivas Naidu, Assistant Professor, ECE, ANITS, ended the session by presenting the vote of thanks for the session.

**Day 2:23<sup>rd</sup> October 2021**

**Technical Session-4:**

**Topic: Interfacing Hardware with the Raspberry Pi**

**Mr.Bapuji.K , M.Tech, (CEO Appleton Innovation Pvt. Ltd)**



Configuring web server the following during the session. He also trained the participants on projects like LED Blinking using Python Raspberry pi library, Temperature and Humidity sensing using DHT-11 sensor and Raspberry Pi, Motion detection using Raspberry pi, Sending Sensor Data to Cloud using Raspberry Pi, Sending emails.

In the 4<sup>th</sup> technical session, a welcome note was presented by Dr. P. Murugapandyan, Associate Professor, ECE, ANITS. Resource person of the day Mr. Bapuji, introduced Python programming to the participants. He presented the comparative study of Embedded C vs Python. He further explained Execution Steps, Basics of Python, Understanding Python, Interpreted Languages, Variables, Keywords, Operators and Operands, Data Types in Python, Flow Control, Condition Statement, Loops, Importing Libraries, Functions, Classes, Python and Hardware Access, LED Blinking using Python Raspberry pi library, Temperature and Humidity sensing using DHT-11 sensor, Motion detection using Raspberry pi, Sending email alerts when Motion detected using PIR sensor and Configuring web server the following during the session. He also trained the participants on projects like LED Blinking using Python Raspberry pi library, Temperature and Humidity sensing using DHT-11 sensor and Raspberry Pi, Motion detection using Raspberry pi, Sending Sensor Data to Cloud using Raspberry Pi, Sending emails.

**Session-5: Working with Node Red,**

**Mr.Bapuji.K , M.Tech, (CEO Appleton Innovation Pvt. Ltd)**

In this Session, Mr. Bapuji, introduced the participants Nodered environment, through which different experiments like LED Blinking using Python Raspberry pi library, Temperature and Humidity sensing using DHT-11 sensor, and Configuring web server were performed.

*R. Srikanth*  
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Visakhapatnam Dist.

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

**Session-6: IoT using Thing view Platform**  
**Mr. Bapuji. K, M.Tech, (CEO Appleton Innovation Pvt. Ltd)**



During this session, Mr. Bapuji, trained the participants on projects like LED Blinking using Python Raspberry pi library, Temperature and Humidity sensing using DHT-11 sensor and Raspberry Pi, Motion detection using Raspberry pi, Sending Sensor Data to Cloud using Raspberry Pi, Sending emails.

Dr. K. V. G. Srinivas, Assistant Professor, ECE, ANITS, ended the technical session by presenting the vote of thanks for the session.

Prepared By :

**Dr. S. Srinivas**  
**Workshop Coordinator**

**Head of the Department**  
**Department of ECE**  
**Anil Neerukonda Institute of Technology & Sciences**  
**Sangivalasa-531 162**

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Phone: 08933- 225084.226395

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**Two day technical workshop for Teaching and Non-Teaching staff  
Attendance sheet**

S.No	Name of the faculty	Day 1	Day 2
1.	Dr.V.Rajya Lakshmi	-	-
2.	Dr.G.Manmadha Rao	Gay	Gay
3.	Dr.B.Soma Sekhar	BS	BS
4.	Dr.S.Srinivas	SS	SS
5.	Dr.P.Murugapandiyam	P.M.P	P.M.P
6.	Ms.PSM.Veena	SP	SP
7.	Mr.D.AnilPrasad	AD	AD
8.	Ms.M.Nirmala	MS	MS
9.	Dr.J.Bhaskara Rao	-	-
10.	Ms.D.Nagamani	DN	DN
11.	Ms.Ch.Anoosha	CA	CA
12.	Mr.A.Siva Kumar	AS	AS
13.	Dr.A.L.Narayana	ALN	ALN
14.	Ms.G.Gayatri	GG	GG
15.	Mr.B.Chandra Mouli	BC	BC
16.	Ms.V.Shireesha	V-S	V-S
17.	Mr.VijayKumar Sahu	VKS	VKS
18.	Mr.N.Srinivasa Naidu	NSN	-
19.	Ms.B.Deepa	BD	BD
20.	Dr.K.V.G.Srinivas	KVG	KVG
21.	Mr.V.V.K.Raju	VVK	VVK
22.	Mrs. P. Chaya Devi	PC	PC
23.	Mr.B.Jena	BJ	BJ
24.	Ms.K.Yasodha	Yashoda	Yashoda
25.	Mr.N.Ramkumar	NR	NR
26.	Mr.R.ChandraSekhar	RCS	RCS
27.	Mr.P.DeviPradeep	PDP	PDP
28.	Ms.CH.PadmaSree	-	-
29.	Ms.P.Devi	-	-
30.	Mr.Nitin Kumar	NK	NK
31.	Dr.G.Prasanna	GP	GP
32.	Mr.S.S.Krupakar	SSK	SSK
33.	Mr.K.V.Varma	KVV	KVV
34.	Mr.P.Venkata,Ramana	PVR	PVR
35.	Mr.K.Srinu	KS	KS
36.	Mr.K.Srinivasa Rao	KSR	KSR
37.	Mr.P.Kumara Swamy	-	-

Faculty - 26  
Non Teaching - 5

*R. Subanth*  
Convener, IQAC  
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*[Signature]*  
Principal  
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Sangivalasa-531 162  
Visakhapatnam Dist.

*[Signature]*  
Head of the Department  
Department  
Anil Neerukonda





# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

## DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)  
Sangivalasa-531162, BheemunipatnamMandal, Visakhapatnam Dt.  
Phone 08933-225084, 226395

15-09-2021

To  
The Principal,  
ANITS.

### Sub: Permission for organizing a 3 Day "SKILL ENHANCEMENT PROGRAMME FOR TECHNICIANS" -Reg.,

Sir,



It is to bring to your kind notice that the Department of Mechanical Engineering is going to organize a 3 Day "SKILL ENHANCEMENT PROGRAMME FOR TECHNICIANS" from 17-09-2021 to 19-09-2021.

Kindly give the permission to organize the Programme.


#### Resource Persons:

1. Basavaraj. K  
Service Engineer.  
M/S IND LAB PVT LTD.  
Bangalore.
2. Ravi. K  
Senior Technician,  
M/S IND LAB PVT LTD.  
Bangalore.

#### Faculty Coordinators:

1. Dr M. Raja Roy   
Associate Professor ,Dept of Mech . Engg.,  
ANITS
2. Dr. VINOD BABU MARRI   
Asst. Professor, Dept of Mech . Engg.,  
ANITS

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

HOD  
Mech. Engg.



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



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)  
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Phone 08933-225084, 226395

Date: 20/09/2021

## Report on


### Skill Enhancement/Professional Training Program for Technicians

A training programme has been organised by the Department of Mechanical Engineering, ANITS to get an overview of the maintenance and repair of Thermal Engineering Lab and Fluid Mechanics Lab equipment and ordered laboratory consumables. The suggestions regarding the preparation of case sheets for all the existing equipment and calibrated equipment were also given to the participants of the programme. The resource persons also focused on the purchasing of new lab equipment and optimum usage of equipment. The technicians who attended the programme greatly benefited from the training.

 20.9.21  
HOD, Mechanical.

PROFESSOR & HEAD  
Department of Mechanical Engineering  
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES  
SANGIVALASA-531162, VISAKHAPATNAM DIST. A.P.

  
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Visakhapatnam Dist.

  
Principal  
Anil Neerukonda Institute of  
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Visakhapatnam Dist.

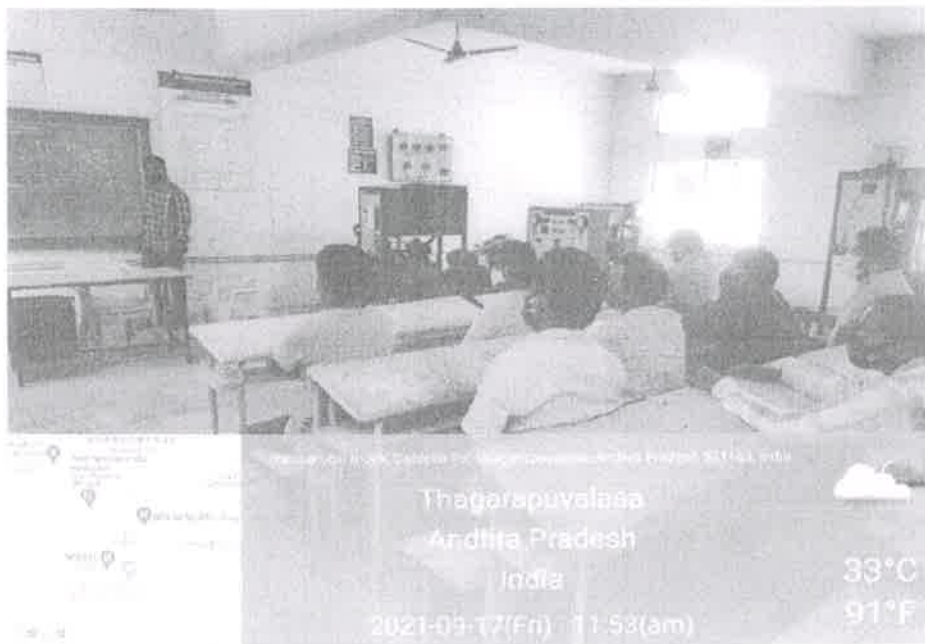
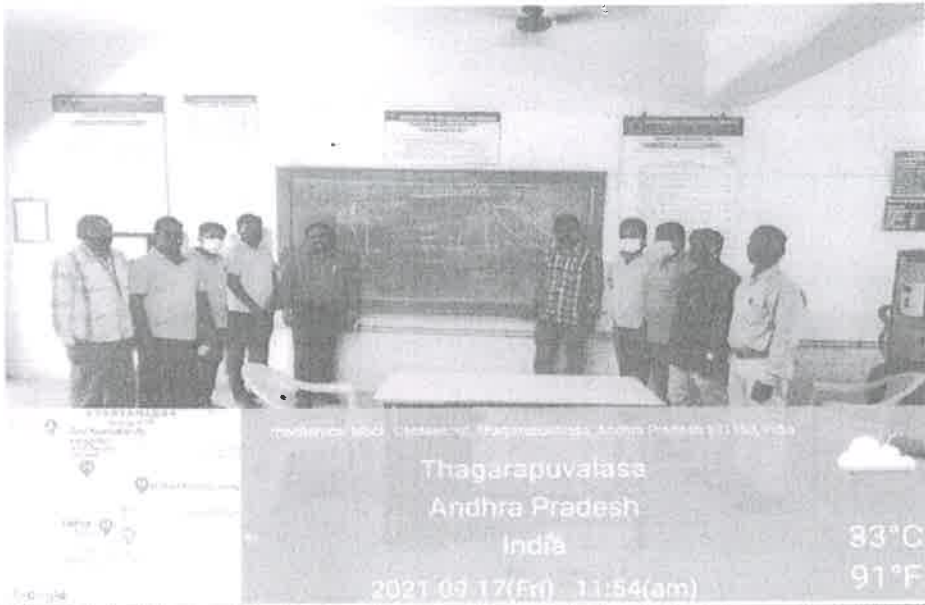


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**DEPARTMENT OF MECHANICAL ENGINEERING**  
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Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.  
 Phone 08933-225084, 226395

**Skill Enhancement programme for technicians**

17-09-2021



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

*To file*  
*17-9-21*  
 PROFESSOR & HEAD  
 Department of Mechanical Engineering  
 ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES  
 Sangivalasa-531 162, VISAKHAPATNAM DIST. A.P.

*[Signature]*  
 Principal  
 Anil Neerukonda Institute of  
 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 with 'A' Grade)

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.  
 Phone 08933-225084, 226395

18-09-2021



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

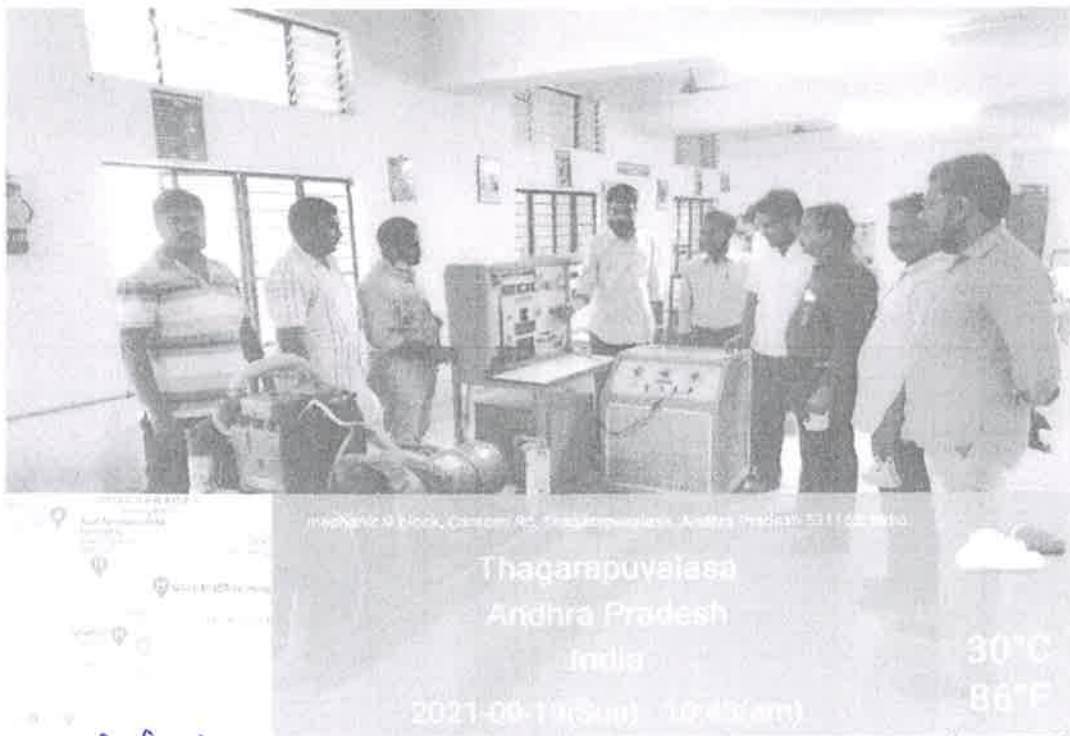
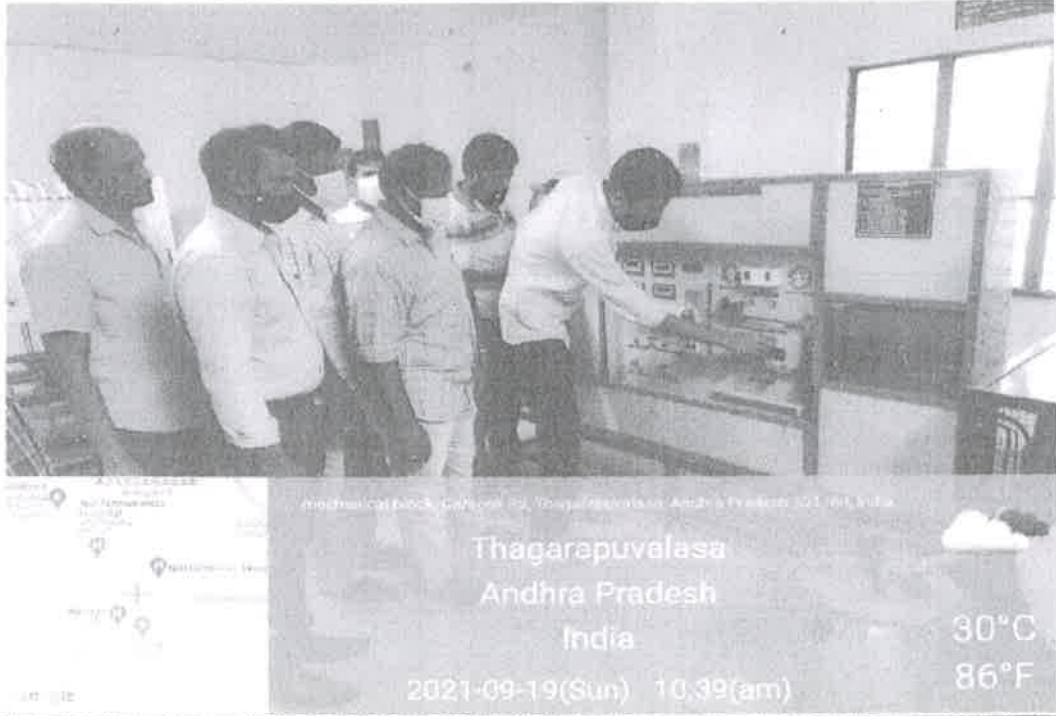
*aw*  
**Principal**  
 Anil Neerukonda Institute of  
 Technology & Sciences  
 Sangivalasa-531 162  
 Visakhapatnam Dist.



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
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**19-09-2021**



*R. Seetha*  
 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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Phone 08933-225084, 226395



mechanical block, Georpati Rd, Thagarapavalasa, Andhra Pradesh 531162, India

Thagarapavalasa  
Andhra Pradesh  
India



31°C  
88°F

2021-09-19(Sun) 02:17(pmt)

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

*[Signature]*  
Principal  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162





# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

## DEPARTMENT OF MECHANICAL ENGINEERING

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

Sangivalasa-531162, BheemunipatnamMandal, Visakhapatnam Dt.

Phone 08933-225084, 226395

### A 3 Day "SKILL ENHANCEMENT PROGRAMME FOR TECHNICIANS"

S.No	Name of the technician	Signatures		
		17-09-2021	18-09-2021	19-09-2021
1.	M. Raja			
2.	B.R.S. Rayalu			
3.	P. Srinivasa Rao			
4.	B. Rama Rao			
5.	L. Sreenivasa Rao			
6.	N. Appanna			
7.	A.V. Bhaskar Rao			
8.	R. Santhosh Kumar			
9.	D. Sreenu			
10.	M. Appala Swamy			

#### Resource Persons:

1. Basavaraj. K  
Service Engineer.  
M/S IND LAB PVT LTD.  
Bangalore.

19/9/2021  
(Basavaraj. K.)

2. Ravi. K  
Senior Technician,  
M/S IND LAB PVT LTD.  
Bangalore.

19/9/2021  
Ravi. K

#### Faculty Coordinators:

1. Dr M. Raja Roy  
Associate Professor ,Dept of Mech . Engg.,  
ANITS

19/9/21

2. Dr. VINOD BABU MARRI  
Asst. Professor, Dept of Mech . Engg.,  
ANITS

19.9.21

Convener, IQAC  
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Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.

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

HOD  
Mech. Engg.

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



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES  
(UGC AUTONOMOUS)**

(Affiliated to AU, Approved by AICTE & Accredited by NBA, NAAC with A Grade)  
Sangivalasa, Bheemunipatnam Mandal, Visakhapatnam Dt-531 162  
Phone: 08933- 225084,226395

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**


**CIRCULAR**

04.08.2021

This is Inform all the Non teaching staff that A three day workshop on MS OFFICE is being organized by the department of ECE from 9-8-2021 to 11-8-2021. The details of the sessions for three day's are as follows.

Sl.No	Date	Time	Topic	Resource person
1	9-8-2021	9-30AM-3-30PM	MS word	Ms. P.Chaya Devi
2	10-8-2021	9-30AM-3-30PM	MS power point	Mr.A.Siva Kumar
3	11-8-2021	9-30AM-3-30PM	MS Excel	Dr .J.Bhaskar and Mr.Nithin

**Venue: Simulation lab**

  
Dr. V.Rajya Lakshmi,  
Prof & HOD, ECE  
Head of the Department  
Department of E C E  
Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

To:


IQAC cell


Notice board

All Non teaching staff

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

  
SSK

  
KVV

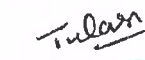
  
PVR

  
PKS

  
KSR

  
KS

  
VPK

  
NT  
Principal

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



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(UGC Autonomous)

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Sangivalasa-531162, BheemunipatnamMandal, Visakhapatnam Dt.

Phone: 08933- 225084,226395

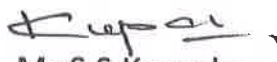
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

August 07, 2021


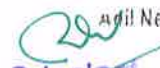
Three Days workshop on MS office during 09-08-21 to 11-08-2021

### SCHEDULE

Date	Time	Topic	Name of the Faculty
09-08-2021	9AM to 12PM	explore New and improved features in MS- word	Ms.P.Chaya Devi
	1PM to 3PM	Practice section	Ms.P.Chaya Devi
10-08-2021	9AM to 12PM	Creating and managing slides in MS- power point.	Mr.A.Sivakumar
	1PM to 3PM	Practice section	Mr.A.Sivakumar
11-08-21	9AM to 12PM	Formulas and Functions in MS- excel, Datamanagement in MS- excel	Mr.D.Anil Prasad
	1PM to 3PM	Data management in MS- excel. Charts and Graphs in MS- excel	Mr.Nitin Kumar

  
Mr.S.S.Krupakar  
(Coordinator)

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

  
Dr. V.Rajyalakshmi  
HOD, Dept.of ECE.  
Head of the Department  
Department of ECE  
Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162  
  
Principal  
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Phone: 08933- 225084,226395

## Dept. of Electronics & Communication Engineering

### Workshop on MS Office

#### Microsoft Word Learning Objectives:

- Indicate the names and functions of the Word interface components.
- Create, edit, save, and print documents to include documents with lists and tables.
- Format text and to use styles.
- Add a header and footer to a document.
- Add a footnote to a document.
- Add a graphic to a document.

#### Outcomes of MS word:

- By the end of this course, :
- Have a basic understanding of the Office Ribbon in Microsoft Office 2010.
- Know how to start a new document in Microsoft Word, save it, and be able to find it later.
- Use various methods to format text in Microsoft Word.
- Know how to make a bulleted list.

#### Excel Learning Objectives:

- Indicate the names and functions of the Excel interface components.
- Enter and edit data.
- Format data and cells.
- Construct formulas, including the use of built-in functions, and relative and absolute references.
- Create and modify charts.
- Preview and print worksheets.

*R. Srikanth*  
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.

## Dept. of Electronics & Communication Engineering

### Workshop on MS Office

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- Preview and print worksheets.

R. Srikanth  
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Sangivalasa-531 162  
Visakhapatnam Dist.

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



WCGG-H30, Thagarapuvalasa, Andhra Pradesh 531163, India  
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 Andhra Pradesh  
 India  
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 Thagarapuvalasa  
 Andhra Pradesh  
 India  
 2021-08-10(Tue) 11:52(AM)  
 34°C  
 93°F

Fig1: Day 2 PowerPoint

By

Mr.A.Siva Kumar. Asst.Prof,ECE

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

*Principal*  
 Anil Neerukonda Institute of  
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 Visakhapatnam Dist.



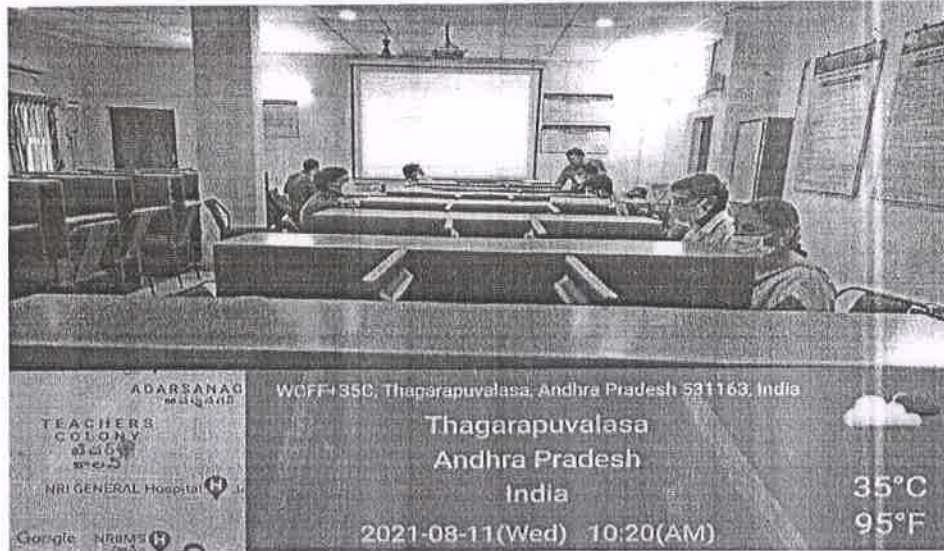


Fig1: Day 3 Excel

By

- 1.Mr.D.Anil Prasad. Asst.Prof,ECE
- 2.Mr.D.Nitin Kumar. Asst.Prof,ECE

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

*Dr. V. Rajya Lakshmi*  
 Dr.V.Rajya Lakshmi

Professor & HOD , ECE  
**Head of the Department**  
**Department of ECE**  
 Anil Neerukonda Institute of Technology & Sciences  
 Sangivalasa-531 162

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



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(UGC AUTONOMOUS)

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Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Phone: 08933- 225084,226395

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## 3 Day Workshop on "MS OFFICE"

### List of Participants signature sheet

Day:01

Date:09.08.21

S.NO	Name	Mail ID	Signature
1.	S.S.Krupakar	Krupakar.v.ece@anits.edu.in	
2.	K.V.Varma	Kolukulaivarma@anits.edu.in	
3.	P.V.Ramana	Venkataramana245@gmail.com	
4.	K.Srinu	Srinukaragani07@gmail.com	
5.	K.Srinivas Rao	KOLUSUSRINIVAS44@gmail.com	
6.	P.Kumara swamy	kumara.swamy.ece@anits.edu.in	
7.	B.Pavan kumar	victory pavan554@gmail.com	
8.	N.Tulasi	tulasibarla423@gmail.com	

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Visakhapatnam Dist.

Dr.V.Rajya Lakshmi  
Professor & HOD, ECE

Head of the Department  
Department of ECE  
Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

Principal  
Anil Neerukonda Institute of  
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Visakhapatnam Dist.



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Phone: 08933- 225084,226395

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## 3 Day Workshop on "MS OFFICE"

### List of Participants signature sheet

Day:03

Date:11.08.2021

S.NO	Name	Signature
1.	S. S. KRUPAKAR	
2.	P. Venkata Ramana	
3.	K. Srinu	
4.	K. Srinivas Rao	
5	P. KUMARA SWAMY	
6	V. Pavan Kumar	
7	N. Tulasi	

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

Dr. V. Rajya Lakshmi  
Professor & HOD, ECE  
Head of the Department  
Department of ECE  
Anil Neerukonda Institute of Technology & Sciences  
Sangivalasa-531 162

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



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (AI)

(Affiliated to AU, Approved by AICTE, Accredited by NBA and NAAC with 'A' Grade)

Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

Department of Electronics and Communication Engineering



## Certificate of Participation

*This is to certify that Mr. K. Srinu has participated in a 3- Day workshop on "MS OFFICE" organised by Department of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology and Sciences during 09-08-2021 to 11-08-2021 .*

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

*[Signature]*  
Dr. V. Rajya Lakshmi  
Professor & HoD, ECE

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

# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

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Sangivalasa – 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP

Department of Electronics and Communication Engineering



## Certificate of Participation

*This is to certify that Mr. P. Kumara Swamy has participated in a 3- Day workshop on "MS OFFICE" organised by Department of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology and Sciences during 09-08-2021 to 11-08-2021 .*

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

*[Signature]*  
Dr.V. Rajya Lakshmi  
Professor & HoD, ECE

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



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)**

**DEPARTMENT OF MECHANICAL ENGINEERING**

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Phone 08933-225084, 226395

26-07-2021

To  
The Principal,  
ANITS.

**Sub: Permission for organizing a Three Day Refresher Programme on  
"SKILL DEVELOPMENT FOR LABORATORY TECHNICIANS" -Reg.**

Sir,

It is to bring to your kind notice that the Department of Mechanical Engineering is going to organize a Three Day Refresher Programme on "SKILL DEVELOPMENT FOR LABORATORY TECHNICIANS" from 27-07-2021 to 29-07-2021.

Kindly give the permission to organize the Programme.

**Resource Persons:**

1. Nagendra Prasad M. S  
Service Engineer, **TECH-ED**, Bangalore.
2. Narishimurthy H. N  
Senior Technician, **TECH-ED**, Bangalore.
3. K. Jai Babu  
Foreman- Workshop, Chittivalasa Jute Mills (P) Ltd,  
Chittivalasa, Visakhapatnam

**Faculty Coordinators:**

1. Dr.K.Siva Prasad  
Professor, Dept of Mech . Engg.,  
ANITS
2. Sri M. S. S. Srinivās Rao.,  
Sr. Asst. Professor, Dept of Mech . Engg.,  
ANITS

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

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



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

HOD  
Mech. Engg.

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





## Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: [www.anits.edu.in](http://www.anits.edu.in)

email: [principal@anits.edu.in](mailto:principal@anits.edu.in)

30-07-2021

### THREE DAY REFRESHER PROGRAMME ON SKILL DEVELOPMENT FOR LABORATORY TECHNICIANS

A Three day Refresher programme was organized for laboratory technicians from 27<sup>th</sup> to 29<sup>th</sup> JULY-2021 (3 Days) to enhance their skills on operation and maintenance of machine tools, IC Engines & Heat transfer equipments.

On the first day of the programme, the faculty coordinators Prof. K. Siva Prasad and M.S.S.Srinivasa Rao from the parent department spoke on the need for understanding the basics of Mechanical machinery functioning.

Prof. K. Siva Prasad gave an overview on the functioning of machine tools like lathe, Shaper, Milling machines and their different components. He also spoke on the aspects related to operation and maintenance of these machines. He gave a detailed account on the machining processes that can be done on these tools.

M.S.S.Srinivasa Rao spoke on the functioning of four-stroke and two-stroke engines. He highlighted the functioning of different systems that constitute an internal combustion engine. The first days programme ended with a briefing on safety and maintenance measures required during the operation of machine tools and engines.

The faculty appreciated the technicians who completed Diploma in Mechanical Engineering successfully and said that the other technicians should also follow them and improve their qualifications.

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

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

The second and final day were completely allotted to imparting hands on experience in maintenance of Machine Tools, Engines and other Equipment's. The services of the following resource persons from TECH-ED and chittivalasa jute mills were utilized for this purpose.

1. Nagendra Prasad M. S  
Service Engineer, TECH-ED, Bangalore
2. Narishimurthy H. N  
Senior Technician, TECH-ED, Bangalore
3. K. Jai Babu  
Foreman- Workshop, Chittivalasa Jute Mills (P) Ltd, Visakhapatnam

The Service engineer and technician from TECH-ED gave a briefing on the frequent problems that occur in engines and the need for prevent maintenance to enhance the longevity of engines. They also dealt with the operation of heat transfer equipment and imparted hands-on-training in changing the malfunctioning instrumentation like temperature sensors, temperature selector switches, temperature indicators, voltmeter, ammeter and variac.

Mr. K. Jai Babu, retired Foreman demonstrated the replacement of auto-feed shaft in a Universal Milling Machine. He also demonstrated the manufacturing process on a milling machine and spoke on the preventive maintenance techniques to preempt the frequent breakdown of machine tool equipment's.

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

*30-7-21*  
Head of the department

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

*QW*  
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Visakhapatnam Dist.



# ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

## DEPARTMENT OF MECHANICAL ENGINEERING

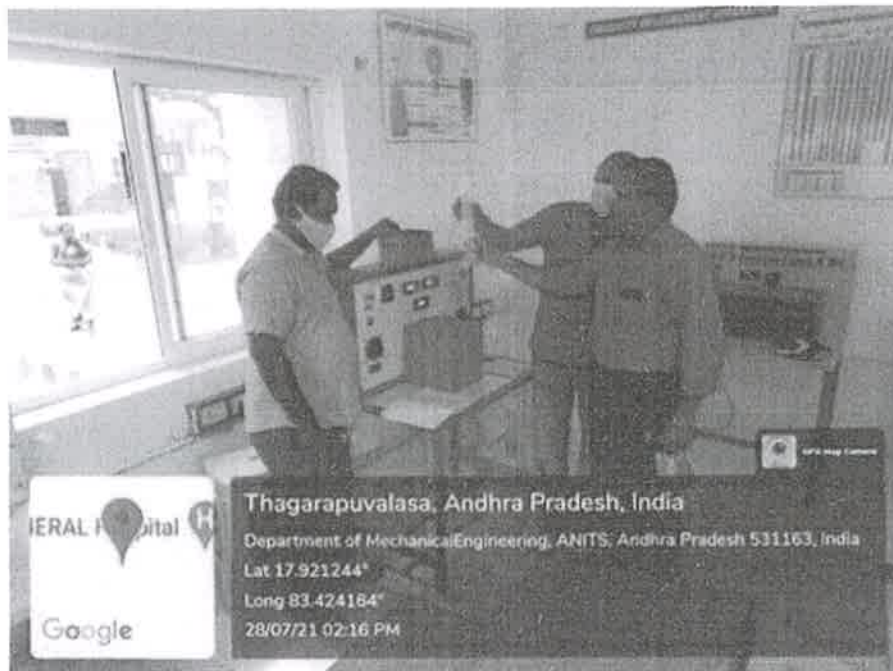
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Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Phone 08933-225084, 226395

## Refresher Program for Technicians

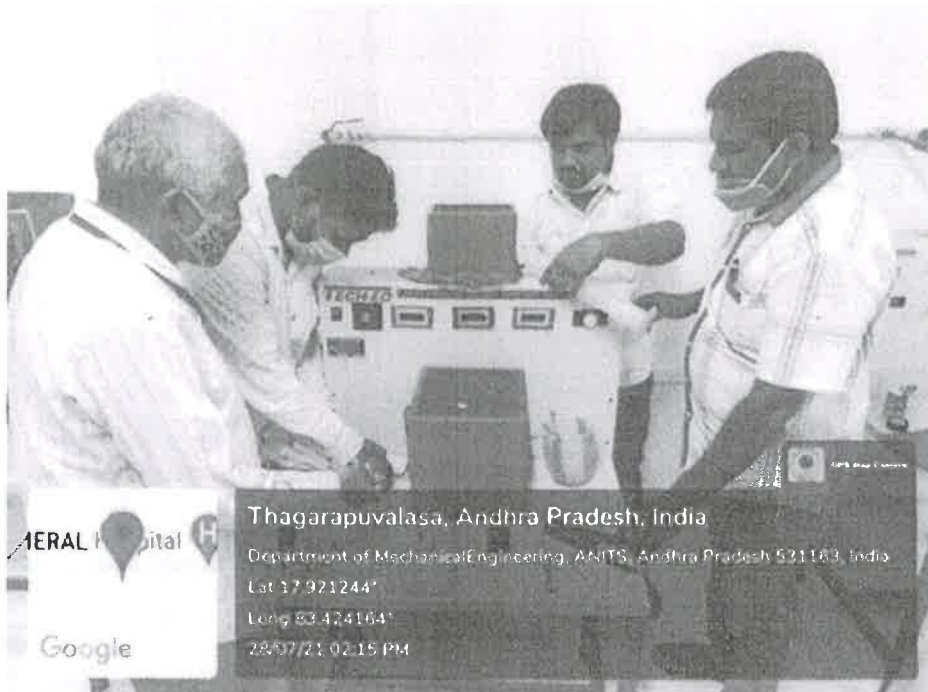
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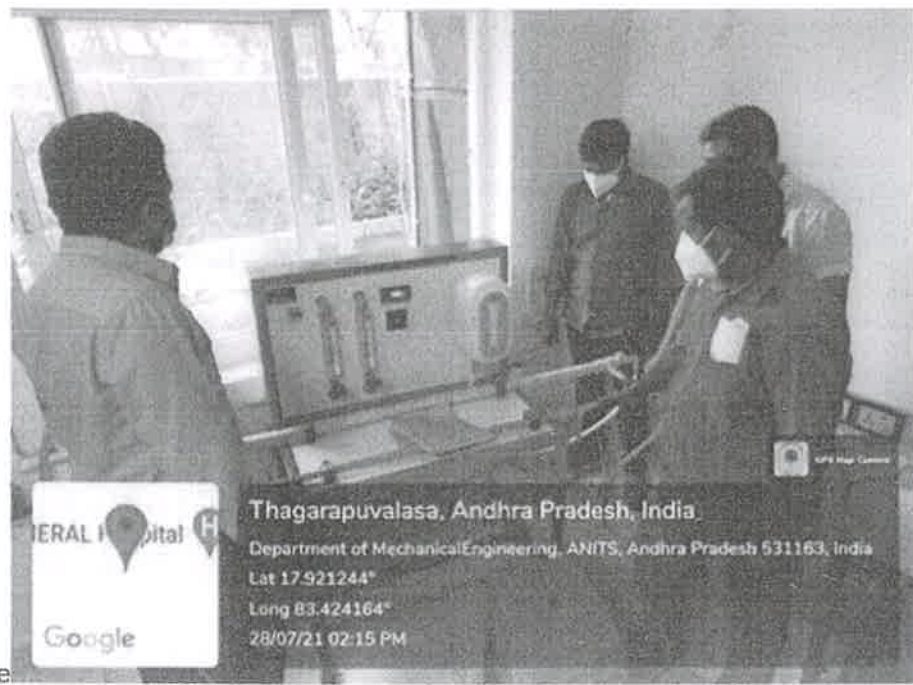
*R. Seethank*  
Convener, IQAC  
Anil Neerukonda Institute of  
Technology & Sciences  
Sangivalasa-531 162  
Visakhapatnam Dist.

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





Thagarapuvalasa, Andhra Pradesh, India  
 Department of Mechanical Engineering, ANITS, Andhra Pradesh 531163, India  
 Lat 17.921244°  
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