



## AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi, & Permanently Affiliated to J.N.T.U.K., Kakinada)

NAAC “B++” Accredited Institute

Cherukupally (Village), Near Tagarapuvalasa Bridge, Bhogapuram (Mandal), Vizianagaram -531162.

[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

### 6.3.3 Average number of professional development/ administrative training programs organized by the Institution for teaching and non-teaching staff during the year.

#### ADDITIONAL INFORMATION:

S. No	Dates (from-to) (DD-MM-YYYY)	Title of the professional program organized for teaching staff	Title of the administrative training program organized for non-teaching staff	No. of Participants	Page No.
	2021 – 2022(Total - 14)				
1	22-11-2021 to 23-11-2021	Two-day FDP on Flight Dynamics of Birds and Insects	-----	29	
2	23-03-2022 to 24-03-2022	Two-day FDP on Planning and Control	-----	28	
3	09-11-2021 to 10-11-2021	Two Day FDP on Logistics and Supply Chain Management	-----	21	
4	08-02-2022 to 10-02-2022	Three Day Online FDP on Investment and Portfolio Management	-----	30	



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5	25-10-2021	One day Online FDP on Disasters in Civil Construction	-----	27	
6	23-11-2021 to 24-11-2021	Two-day FDP on Novel Modular Multilevel Converters	-----	23	
7	10-02-2021 to 11-02-2021	Two-day FDP on Applications of Artificial Intelligence and Machine Learning in Image Processing	-----	23	
8	15-09-2021 to 16-09-2021	Two-day FDP on Corrosion Control Methods	-----	12	
9	03-02-2022 to 04-02-2022	Two-day FDP on Emerging Trends in Liquid Crystals	-----	12	
10	6-12-2021	-----	One-day Training program on Role and Activities of Support staff	12	
11	03-08-2021 to 04-08-2021	Two-day FDP on Big Data and Cloud Computing	-----	18	
12	03-11-2021 to 05-11-2021	Three-day FDP on Trending Technologies	-----	16	



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13	30-05-2022 to 03-06-2022	Five-day FDP on Python Programming Language & Advanced Teaching Techniques	-----	31	
14	03-01-2022 to 04-01-2022	-----	Two-day Hands on Training Program on Microsoft-Excel	13	



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## Requisition Letter

Date: 12-11-2021

To  
The Principal,  
Avanthi Institute of Engineering and Technology,  
Cherukupally Village,  
Vizianagaram – 531162.

**Subject:** Request for permission to conduct FDP for teaching faculty for two days from  
**22-11-2021 to 23-11-2021**

Respected Sir,

I hope this letter finds you in good health and spirits. I am writing to request your permission to organize a Training program for the teaching staff in our college.

The FDP is entitled as "**Flight Dynamics of Birds & Insects**" and is aimed at providing a platform for teaching staff to expand their knowledge and understand the latest advancements and developments in the area of study. Our goal is to create an engaging and interactive atmosphere for the attendees and make the program a memorable experience.

The event will be conducted on **22-11-2021 to 23-11-2021**, in the Main Block E- Class Room. We have made all the necessary arrangements for the program.

I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event.

Thank you for considering our request. I look forward to your positive response.

Yours sincerely,

H.O.D;

PRINCIPAL

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Near Tagarapuvalasa Bridge  
Bhogapuram (M), Vizianagaram (D)-531162



Department of MECH

Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (V), Chittivalasa (SAO),  
Bhogapuram (M), Vizianagaram(D)-531162



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Date: 20-11-2021

## CIRCULAR

Department of Mechanical Engineering is conducting a Faculty Development Program for two days on "Flight Dynamics of Birds & Insects" for all Teaching staff. All the interested teaching faculties are invited to register and attend the event without fail.

**DATE:** 22<sup>nd</sup> & 23<sup>rd</sup> November 2021.

**VENUE:** Main Block E-Class room.

**RESOURCE PERSON:** Mr. Swain Prafulla, Assistant Professor, GITAM UNIVERSITY.

**TIME:** 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM

Circulate to:

All the faculty members

HOD,MECH

Copy to

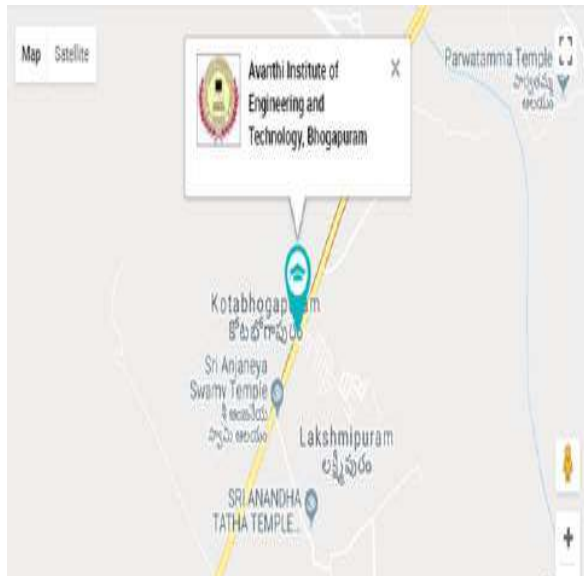
The principal

Head of the Department  
Mechanical Engineering  
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## INSTITUTION

Avanthi Institute of Engineering and Technology is established in the year 2005 with the approval of AICTE, New Delhi and recognized by Government of Andhra Pradesh. The Institution is permanently affiliated to JNTUK, Kakinada. The college is well equipped with state of art laboratories and computer centres. The college is situated 25 km from Visakhapatnam and 15 km from Vizianagaram near Tagarapualasa Bridge adjacent to NH-16. Students of Avanthi boast of their excellent academic performance both at University level and GATE with an enviable record of results. Our students achieve heights of excellence by getting a way of admission in prestigious institutions like IITS & NITS.

## Route Map



## ORGANISING COMMITTEE

### Chief Patron

Smt. M. Gnaneswari, Chairperson, AIET

### Patron

Dr. S.N.V. Ganesh, Principal, AIET

### Convener

Dr. B. Avinash Ben, HOD (MECH)

### Organizing Committee

Dr. Raja Santosh, Professor

Dr. A.M.V.Praveen, Assistant Professor

M. Lakshmi Sramika, Assistant Professor

Sk. Hidayatulla Shariff, Assistant Professor

Garagubilli Ramu, Assistant Professor

A Two Day  
**FACULTY DEVELOPMENT PROGRAMME**

ON

**FLIGHT DYNAMICS OF BIRDS &  
INSECTS**  
(AIET-2021)

**NOVEMBER**  
**22 to 23, 2021**

Organized  
by

**DEPARTMENT OF  
MECHANICAL ENGINEERING**



**AVANTHI INSTITUTE OF  
ENGINEERING & TECHNOLOGY**

**CHERUKUPALLY(V),  
NEAR TAGARAPUALASA BRIDGE,**

**VIZIANAGARAM DIST-531162**

[www.avanthi.edu.in](http://www.avanthi.edu.in), [www.aietta.ac.in](http://www.aietta.ac.in)

## **OBJECTIVES:**

The main objective of 'Flight Dynamics of Birds & Insects' is to understand the physics behind the different modes of birds' flight. This study aimed to numerically simulate aerodynamic forces produced by wing motion.

## **COURSE CONTENTS:**

The topics covered include

- Working mechanism of bird fly
- Difference between bird fly and aircraft fly

## **ELIGIBILITY**

Faculty members from AICTE approved Institutes; Practicing Engineer's Scientists are eligible to attend the FDP.

## **Co-Ordinator**

**G.Ramu,**  
Assistant Professor (MECH), AIET

**Phone: +91-9154504040**

**E-Mail: ram.garugubilli@gmail.com**

## **RESOURCE PERSON**

**Name: Mr. Swain Prafulla,**  
*Assistant Professor,*  
**GITAM UNIVERSITY.**

**Ph no.: 6300131305**

**Gmail: kprafu@gitam.edu**

## **About Resource Person:**

Mr. Swain Prafulla has an experience of 17 years in teaching and 04 years in GATE teaching. He previously worked in MITS, Rayagada as Asst. Professor & GIET, Gunupuru. He has totally 10 publications.

***Note:*** Confirmation to the selected candidates will be sent By ***Mail /Mobile***

## **A TWO DAY FDP ON Flight Dynamics of Birds & Insects**

**22-11-2021 to 23-11-2021  
NOV-2021**

## **Registration Form**

Participant's Name:

Qualification:

Department:

Organization:

Address for

Communication:

Phone No. (O):

(R):

E-mail:

Date:

## **SPONSORSHIP CERTIFICATE**

This is to certify that Mr. / Ms \_\_\_\_\_ is an employee of our Institution since \_\_\_\_\_ and is hereby sponsored to attend the three days FDP on "Flight Dynamics of Birds & Insects" at **AIET**, tagarapuvalasa on Nov-2021.

Place:

Signature of Head of

Date:

the Institution



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## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **A REPORT ON TWO DAYS FACULTY DEVELOPMENT PROGRAMME**

On

## **FLIGHT DYNAMICS OF BIRDS & INSECTS**

Dates of the event:

22-11-2021 & 23-11-2021

Time:

10.00 AM to 12.00 PM and 2:00 PM to 4:00 PM

Venue:

**MAIN BLOCK E-CLASS ROOM**





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## Summary

The Inaugural Session for the FACULTY DEVELOPMENT PROGRAMME held on 22<sup>nd</sup> November, 2021 at 10.00 AM at main block e-class room presided by:

Dr. A. M. V. Praveen, Assistant Professor, Department of MECH, AIET, The HOD – MECH– Dr. B. Avinash Ben, The Guest – Dr. S.N.V Ganesh, Principal, AIET, Resource person – Mr. Swain Prafulla.

The event started with warm welcome to all the participants, Dr. A. M. V. Praveen, Asst Professor has explained about Flight Dynamics in a brief way and the phenomena of flying.

Dr. B. Avinash Ben, HOD - MECH addressed the topic of Flight. He encourages every faculty who has attended the program to make a profession in the field of Flight Dynamics. He also emphasized on the phenomenal structure in the birds & insects. This kind of events is encouraged in the department that makes the faculty bright in combating with the rapidly changing combat situations.

Mr. Swain Prafulla has kindled the participants about importance of Energy Development, in the present world. The session proceeded with discussing various topics on

- Basic mechanics of bird flight (lift, drag & thrust)
- Different types of flight (gliding, flapping, bounding, hovering etc.,)
- Co-ordinated Formation flight.



Mr. Swain Prafulla delivering lecture on Flight Dynamics



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The Second session proceeded at 2:00 PM with discussing various topics on birds and insect flight system and the topics as follows.

- Different types of flight.
  1. **Gliding**, Mode of flight, heavier-than-air flight without the use of thrust; it is employed by gliding animals and by aircraft such as gliders; flying a greater distance horizontally than vertically, distinguished from a simple descent like with a round parachute
  2. **Flapping**, When a bird flaps, as opposed to gliding, its wings continue to develop lift as before, but the lift is rotated forward to provide thrust, which counteracts drag and increases its speed, which has the effect of also increasing lift to counteract its weight, allowing it to maintain height or to climb.
  3. **Bounding**, Small birds often fly long distances using a technique in which short bursts of flapping are alternated with intervals in which the wings are folded against the body. This is a flight pattern known as "bounding" or "flap-bounding".
- **Co-ordinated formation of flight**, A wide variety of birds fly together in a symmetric V-shaped or a J-shaped coordinated formation, also referred to as an "echelon", especially during long-distance flight or migration. It is often assumed that birds resort to this pattern of formation flying in order to save energy and improve the aerodynamic efficiency.

On the second day the session continued with brief recap of the previous day session and clarification of the doubts by Dr. B. Avinash Ben, HOD-MECH AIET. Later the sessions on Detailed Explanation about

- **Adaptions of flight**, The most obvious adaptation to flight is the wing, but because flight is so energetically demanding birds have evolved several other adaptations to improve efficiency when flying. Birds' bodies are streamlined to help overcome air-resistance.
- **Evolution of flight**
  1. From the trees down, that birds' ancestors first glided down from trees and then acquired other modifications that enabled true powered flight.
  2. From the ground up, that birds' ancestors were small, fast predatory dinosaurs in which feathers developed for other reasons and then evolved further to provide first lift and then true powered flight.
  3. **Wing-assisted incline running (WAIR)**, a version of "from the ground up" in which birds' wings originated from forelimb modifications that provided downforce, enabling the proto-birds to run up extremely steep slopes such as the trunks of trees.
  4. **Pouncing proavis**, which posits that flight evolved by modification from arboreal ambush tactics.

In the 2<sup>nd</sup> session starts at 2:00 PM he recalled the first session topics and briefly explained about the importance of

5. Insect flight



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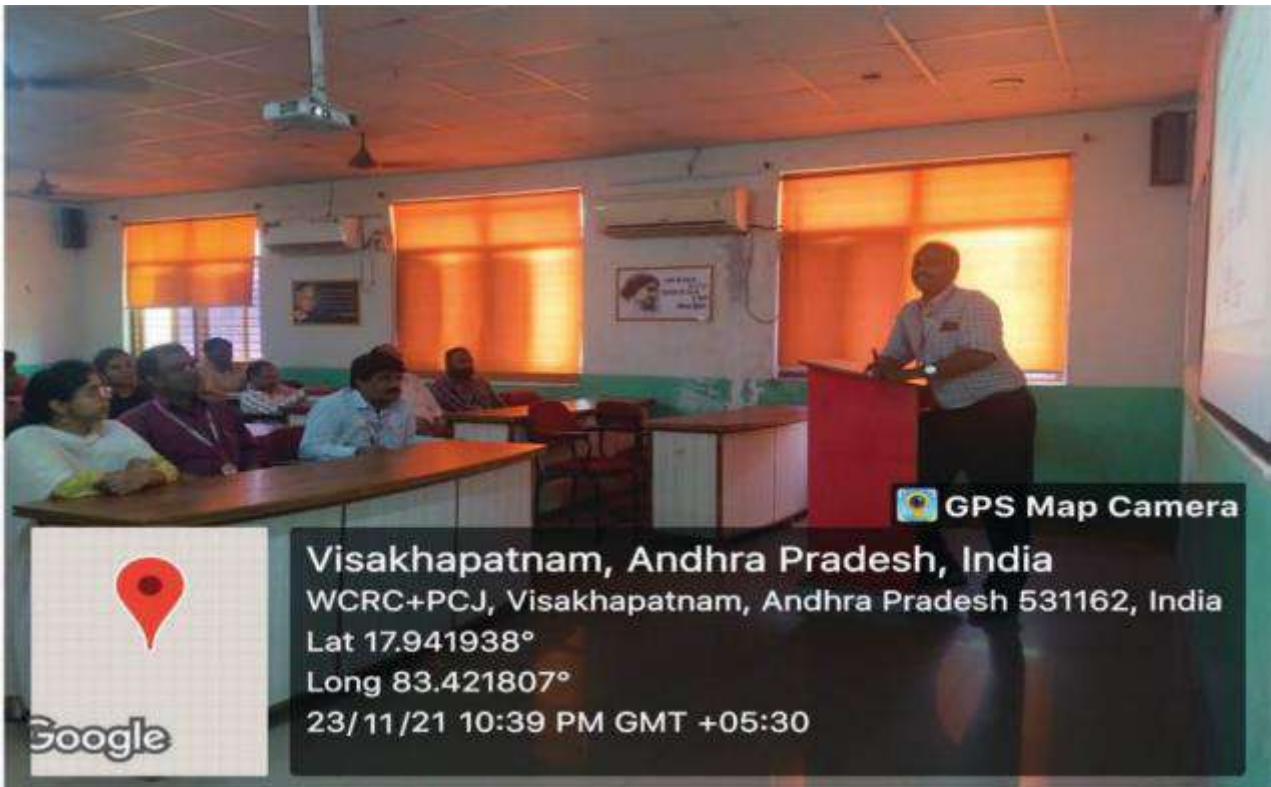
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6. Micro air vehicle development

7. Applications

- The session was concluded by felicitating guest with vote of thanks.
- The session for two days held at the same e-class room.
- The number of participants attended for Faculty Development Program is 29 members, in those 26 members is from AIET, 3 members are from GVP.



Dr. B. Avinash Ben delivering lecture on Micro air vehicle development

  
HOD,MECH

Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (V), Chittivalasa (SAO),  
Bhogapuram (M), Vizianagaram(D)-531162



PRINCIPAL

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## DEPARTMENT OF MECHANICAL ENGINEERING

### TWO Days FDP

On

### "FLIGHT DYNAMICS OF BIRDS & INSECTS"

List of Participants:

Date: 22-11-2021 to 23-11-2021

S.NO	NAME OF THE FACULTY	SIGNATURE 22-11-2021	SIGNATURE 23-11-2021
1	Dr. B. Avinash Ben, Professor, AIET		
2	Dr. Raja Santosh, Professor, AIET	Raja	Raja
3	Muttamsetty Lakshmi Sramika, Associate Professor, AIET		
4	Shiek Hidayatulla Shariff, Associate Professor, AIET		
5	Garagubilli Ramu, Assistant Professor, AIET		
6	P Rama Krishna, Assistant Professor, AIET		
7	Purshothama Anil Kumar Assistant Professor, AIET		
8	Deepthi Kaza , Assistant Professor, AIET		
9	Ganja Lavanya Lakshmi, Assistant Professor, AIET	Lavanya	Lavanya
10	Parimala Kotla Radhika, Assistant Professor, AIET		
11	Sarantej Vulli, Assistant Professor, AIET		
12	A.M.V.Praveen, Assistant Professor, AIET		
13	Sunil.Jena, Assistant Professor, AIET	Sunil	Sunil
14	Venkata Naidu Bankuru , Assistant Professor, AIET		
15	K.Mohan Pradeep, Assistant Professor, AIET		
16	G.Ramanjaneyalu, Assistant Professor, AIET		
17	B.Hari Krishna Yadav, Assistant Professor, AIET		
18	K.Sarika , Assistant Professor, AIET		



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19	Srinu Kotha, Assistant Professor, AIET	Srinu	Srinu
20	L.Bhavani Shankar, Assistant Professor, AIET	L.Bhavani Shankar	L.Bhavani Shankar
21	K.Jaswanth, Assistant Professor, AIET	Jaswanth	Jaswanth
22	Raghu Maharana, Assistant Professor, AIET	Raghu	Raghu
23	Teella Mahendra Rao, Assistant Professor, AIET	Mahendra	Mahendra
24	Puli Suresh Kumar, Assistant Professor, AIET	Suresh	Suresh
25	Madhuthari Venkatesh, Assistant Professor, AIET	Venkatesh	Venkatesh
26	V Maheswara Rao, Assistant Professor, AIET	M	M
27	Ajit Burra, Assistant Professor, GVP	Ajit	Ajit
28	Raghavendra Kilari, GVP	R	R
29	A. Padmaja, GVP	Padmaja	Padmaja

HOD,MECH

Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
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Bhogapuram (M), Vizianagaram(D)-531162

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## Certificate Of Participation

This is to certify that Mr./Ms. P. RAMA KRISHNA

Participated in a Two day Faculty Development Program Organized by  
Department of Mechanical Engineering from 22-11-2021 to 23-11-2021 on  
"Flight Dynamics of Birds and Insects" in Avanthi Institute of  
Engineering & Technology, Cherukupally.

  
Convener

Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (V), Chittivalasa (SAO),  
Bhogapuram (M), Vizianagaram(D) 531162

  
Principal  
PRINCIPAL

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Date: 10-03-2022

To  
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**Subject:** Request for permission to conduct FDP for teaching faculty for two days from  
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I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event.

Thank you for considering our request. I look forward to your positive response.

Yours sincerely,

**PRINCIPAL**

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**H.O.D,**

**Department of MECH**

**Head of the Department**  
**Mechanical Engineering**  
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---

Date: 21-03-2022

## CIRCULAR

Department of Mechanical Engineering is conducting a Faculty Development Program for two days on "**Planning & Control**" for all Teaching staff. All the interested teaching faculties are invited to register and attend the event without fail.

**DATE:** 23<sup>rd</sup> & 24<sup>th</sup> March 2022.

**VENUE:** Main Block E-Class Room.

**RESOURCE PERSON:** Mr. T. Madhu Kumar, Sr. Executive Project Planner, GOC-Engineering Department.

**TIME:** 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM

Circulate to:

All the faculty members

Copy to

The principal

  
HOD,MECH

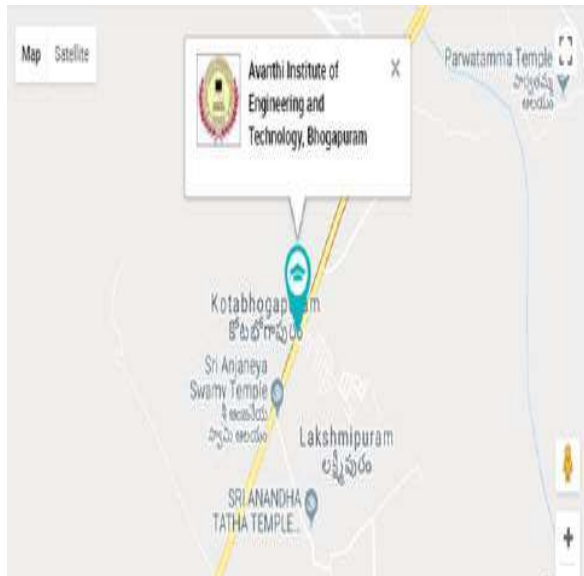
Head of the Department  
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## Route Map



## ORGANISING COMMITTEE

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### Patron

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### Convener

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Dr. A.M.V.Praveen, Assistant Professor

M. Lakshmi Sramika, Assistant Professor

Sk. Hidayatulla Shariff, Assistant Professor

Garagubilli Ramu, Assistant Professor

A Two Day  
**FACULTY DEVELOPMENT PROGRAMME**

ON

**PLANNING & CONTROL**  
(AIET-2022)

**MARCH**  
**23 to 24, 2022**

Organized  
by

**DEPARTMENT OF**  
**MECHANICAL ENGINEERING**



**AVANTHI INSTITUTE OF**  
**ENGINEERING & TECHNOLOGY**

**CHERUKUPALLY(V),**  
**NEAR TAGARAPUALASA BRIDGE,**

**VIZIANAGARAM DIST-531162**

[www.avanthi.edu.in](http://www.avanthi.edu.in), [www.aietta.ac.in](http://www.aietta.ac.in)

## **OBJECTIVES:**

The main objective of “Planning & Control” is to allow manufacturers to effectively generate a production plan, execute it, and ultimately take control of their operations through continuous improvement initiatives.

## **COURSE CONTENTS:**

The topics covered include

- What market demands are stating
- Reconcile how a company can fill those demands through planning & monitoring

## **ELIGIBILITY**

Faculty members from AICTE approved Institutes; Practicing Engineer’s Scientists are eligible to attend the FDP.

## **Co-Ordinator**

**G.Ramu,**  
Assistant Professor (MECH), AIET

**Phone: +91-9154504040**

**E-Mail: ram.garugubilli@gmail.com**

## **RESOURCE PERSON**

***Mr. T. Madhu Kumar,***  
***Sr. Executive-Project Planner,***  
***Novartis health Care,***  
***GOC- Engineering Department***

## **About Resource Person:**

Mr. T. Madhu Kumar is a Senior Executive project planner has an experience of 12 years. Over 11 years of experience in delivering high quality Engineering projects with focus on construction worksite management.

**Note:** Confirmation to the selected candidates will be Sent By ***Mail /Mobile***

## **A TWO DAY FDP**

## **on Planning & Control**

**23-03-2022 to 24-03-2022  
MAR-2022**

## **Registration Form**

Participant’s Name:

Qualification:

Department:

Organization:

Address for

Communication:

Phone No. (O):

(R):

E-mail:

Date:

## **SPONSORSHIP CERTIFICATE**

This is to certify that Mr. / Ms \_\_\_\_\_ is an employee of our Institution since \_\_\_\_\_ and is hereby sponsored to attend the two days FDP on “Planning & Control” at **AIET**, tagarapuvalasa on Mar-2022.

Place:

Signature of Head of

Date:

the Institution



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## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **A REPORT ON TWO DAY FACULTY DEVELOPMENT PROGRAMME**

on

### **PLANNING & CONTROL**

Dates of the event:

23-03-2022 & 24-03-2022

Time:

10.00 AM to 12.00 PM and 2:00 PM to 4:00 PM

Venue:

**MAIN BLOCK E-CLASS ROOM**



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## Summary

The Inaugural Session for the FACULTY DEVELOPMENT PROGRAMME held on 23<sup>rd</sup> March, 2022 at 10.00 AM at Main Block E-Class Room presided by:

G. Ramu, Assistant Professor, Department of MECH, AIET, The HOD – MECH– Dr. B. Avinash Ben, The Guest – Dr. S.N.V Ganesh, Principal, AIET, Resource Person – Mr. T. Madhu Kumar.

The event started with warm welcome to all the participants, G. Ramu, Assistant Professor has explained the importance of the Planning & Control in the present world and the scope of its rapidly growing industry.

Dr. Avinash Ben, HOD - MECH addressed the attendees the importance of Planning & Control the need in the present era. He encourages every faculty who has attended the program to make a profession in the field of Planning & Control. This kind of events is encouraged in the department that makes the faculty bright in combating with the rapidly changing combat situations.

Mr. T. Madhu Kumar has kindled the participants about importance of Planning & Control, in the present world. The session proceeded with discussing various topics on planning sets out the goals, missions & steps for companies to meet market demands.

The Second session proceeded at 2:00 PM with discussing various topics on planning sets out the goals, missions & steps for companies to meet market demands.

- Project management, use of tools, knowledge, processes, and competencies to ensure a project's successful completion. Projects are time-bound endeavors that aim to produce value through products, services, or results that fulfill its objectives and success parameters.
- Management, administration of organizations, whether they are a business, a nonprofit organization.
- Risk management, Risk management is the process of identifying, assessing and controlling financial, legal, strategic and security risks to an organization's capital and earnings. These threats, or risks, could stem from a wide variety of sources, including financial uncertainty, legal liabilities, strategic management errors, accidents and natural disasters.
- Production essentially refers to the procedure of using numerous inputs for obtaining the required output. This output is known as production. The production should be quantitative as well as qualitative.



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Mr. T. Madhu Kumar delivering lecture on Planning & Control

On the second day the session continued with brief recap of the previous day session and clarification of the doubts by Dr. A.M.V.Praveen, Assistant Professor, AIET. Later the sessions on Detailed Explanation about control ensures that companies can adapt and change their processes swiftly.

- Change management, Supply chain management is the handling of the entire production flow of a good or service starting from the raw components all the way to delivering the final product to the consumer.
- Capacity planning, A capacity planning process involves determining how much production capacity is required to meet changing demand for products. Design capacity refers to an organization's maximum capacity to accomplish work over a given time period in capacity planning.

In the 2<sup>nd</sup> session starts at 2:00 PM he recalled the first session topics and briefly explained about the importance of

- Procurement and it needs regarding the product.
- Investment and it importance.
- Supply chain management
- The session was concluded by felicitating guest with vote of thanks.
- The session for two days held at the same e-class room.
- The number of participants attended for Faculty Development Program is 28 members, in those 24 members is from AIET, 4 members are from ARTB.



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Dr. A.M.V.Praveen delivering lecture on Supply Chain Management

  
HOD,MECH

Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (V), Chittivalasa (S.AO),  
Bhogapuram (M), Vizianagaram(D)-531162

  
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## DEPARTMENT OF MECHANICAL ENGINEERING

### TWO Days FDP

On

### "PLANNING & CONTROL"

List of Participants:

Date: 23-03-2022 to 24-03-2022

S.NO	NAME OF THE FACULTY	SIGNATURE 23-03-2022	SIGNATURE 24-03-2022
1	Dr. B. Avinash Ben, Professor		
2	Dr. Raja Santosh, Professor	Raja	Raja
3	Muttamsetty Lakshmi Sramika, Associate Professor		
4	Shiek Hidayatulla Shariff, Associate Professor		
5	Garagubilli Ramu, Assistant Professor		
6	P Rama Krishna, Assistant Professor		
7	Purshothama Anil Kumar Assistant Professor	Anil Kumar	Anil Kumar
8	Deepthi Kaza , Assistant Professor		
9	Ganja Lavanya Lakshmi, Assistant Professor	Lavanya	Lavanya
10	Parimala Kotla Radhika, Assistant Professor		
11	Sarantej Vulli, Assistant Professor	Tej	Tej
12	A.M.V.Praveen, Assistant Professor		
13	Sunil.Jena, Assistant Professor	Sunil	Sunil
14	Venkata Naidu Bankuru , Assistant Professor	Venkat	Venkat
15	K.Mohan Pradeep, Assistant Professor		
16	G.Ramanjaneyalu, Assistant Professor		
17	B.Hari Krishna Yadav, Assistant Professor		
18	K.Sarika , Assistant Professor	K. Sarika	K. Sarika
19	Srinu Kotha, Assistant Professor		



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19	Srinu Kotha, Assistant Professor, AIET		
20	L.Bhavani Shankar, Assistant Professor, AIET		
21	K.Jaswanth, Assistant Professor, AIET		
22	Raghu Maharana, Assistant Professor, AIET		
23	Teella Mahendra Rao, Assistant Professor, AIET		
24	Puli Suresh Kumar, Assistant Professor, AIET		
25	Y. Prasad Reddy, Assistant Professor, GVP		
26	Y.Rajesh, Assistant Professor, GVP		
27	V.S.Siddharth, Assistant Professor, GVP		
28	P.P.S.Keerthi, Assistant Professor, GVP		

HOD,MECH

Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (V), Chittivalasa (S.AO),  
Bhogapuram (M), Vizianagaram(D)-531162

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## Certificate Of Participation

This is to certify that Mr./Ms. G. RAMU

Participated in a Two day Faculty Development Program Organized by  
Department of Mechanical Engineering from 23-03-2022 to 24-03-2022  
on "Planning and Control" in Avanthi Institute of Engineering & Technology,  
Cherukupally.

  
Convener

Head of the Department  
Mechanical Engineering  
AVANTHI INSTITUTE OF ENGG & TECH  
Cherukupally (V), Chittivalasa (SAO),  
Bhogapuram (M), Vizianagaram(D)-531162

  
Principal  
PRINCIPAL

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## Requisition Letter

Tagarapuvalasa,  
Date: 16-10-2021.

From  
Head of the Department,  
Department of Management Studies,  
Avanathi Institute of Engineering and Technology.

To  
The Principal,  
Avanathi Institute of Engineering and Technology,  
Cherukupally Village.  
Vizianagaram – 531162.

Sub: Request for permission to conduct a Two Day FDP for teaching staff on 09-11-2021 to 10-11-2021

Respected Sir,

I hope this letter finds you in good health and spirits. I am writing this letter to request your permission to organize a Faculty Development Program who is willing to share his knowledge for the teaching staff in our college.

The FDP is focused on “**Logistics and Supply Chain Management**” and is aimed at providing a platform for teaching staff to expand their knowledge and understand the latest advancements and developments in the field. Our goal is to create an engaging and interactive atmosphere for the attendees and make the program a memorable experience.

The event will be conducted on 09-11-2021 to 10-11-2021 in Main Block, 2<sup>nd</sup> Floor, Computer Lab. We have made all the necessary arrangements, including the invitation of knowledgeable and experienced speaker and the provision of audio-visual aids. Our team has also taken into consideration all the safety measures to ensure a smooth and secure event.

I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event.

Thank you for considering our request. I look forward to your positive response.

Yours sincerely,  
Head of the Department

Master of Business Administration  
H.O.D. MBA  
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Cherukupally (V), Near Tagarapuvalasa Bridge  
Bhogapuram (M), Vizianagaram (D)-531162

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Date: 5-11-2021

## CIRCULAR

Department of Management Studies is conducting a Two-day Faculty Development program on "Logistics & Supply Chain Management" for Teaching staff on 09-11-2021 to 10-11-2021. All the Teaching staff are invited to attend the program without fail.

**Date:** 9<sup>th</sup> & 10<sup>th</sup> November, 2021.

**Resource Person:** Dr. P. Manoj Babu, Assistance Professor, Gitam University

**Venue:** Main Block 2nd Floor Computer Lab.

**Time:** 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM

Circulate to:

All the faculty members

Copy to

The principal

HOD, MBA

Head of the Department  
Master of Business Administration  
AVANTHI INSTITUTE OF ENGG. & TECH.  
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Bhogapuram (M), Vizianagaram (D)-531162

## INSTITUTION

Avanthy Institute of Engineering and Technology is established in the year 2005 with the approval of AICTE, New Delhi and recognized by Government of Andhra Pradesh. The Institution is permanently affiliated to JNTUK, Kakinada and is accredited by NAAC. The college is well equipped with state of art laboratories and computer centers. The college is 25 km from Visakhapatnam and 15 km from Vizianagaram near Tagarapuvalasa Bridge adjacent to NH-16. Students of Avanthy boast of their excellent academic performance both at University level and GATE with an enviable record of results. Our students achieve heights of excellence by getting a way of admission in prestigious institutions like IITS & NITS.

## Route Map



## ORGANISING COMMITTEE

### Chief Patron

Smt. M. Gnaneswari, Chair Person, AIET

### Patron

Dr. S. N.V. Ganesh, Principal, AIET

### Convener:

Dr. V. Sai Prasanth, HOD, MBA

### Organizing committee:

Dr. V. Sai Prasanth  
Mr.K. Uma Mahesh  
Mrs. M. Anusha Kumari  
Mr.T. Srinivas  
Mr.U.Ramu

### Members

All Faculties from Department of Management Studies, of the Host Institute.

## Two-day FDP on “Logistics & Supply Chain Management”

**09-11-2021  
To  
10-11-2021**

**Organized by**

**DEPARTMENT  
OF  
MANAGEMENT  
STUDIES**



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**OBJECTIVE:**

Logistics and transportation are often used interchangeably. Though it is not entirely wrong, as transportation is one part of it, Logistics is a much broader subject. When it comes to logistics Management, it covers multiple big and small process.

**COURSE CONTENTS:**

- Introduction of LSM
- Components of supply chain Management
- Supply chain information system
- Vendor Analysis Model
- Quality Management
- Mass Customization and Globalization

**Eligibility**

Faculty members from AICTE approved Institutes, are eligible to attend the FDP.

**Co-Ordinator:**

**Mr. T. Srinivas,**

Associate Professor (MBA), AIET

Mobile : +91 9452125832

E-Mail : [avanthi.mba@gmail.com](mailto:avanthi.mba@gmail.com)

**RESOURCE PERSON:**

**Dr.. P. Manoj Babu**

Assistant Professor, Department of

Management Studies, Gitam University,

Visakhapatnam

Mobile: +91 9441141673

**About Resource Person:**

Dr.. P. Manoj Babu Garu has completed his Ph.D. He is presently working as Assistant professor of department of Management Studies at Gitam University Visakhapatnam. He has 14 years' experience in the teaching field. He has published 10 national and international journals.

**Note:** Further Information to the Participants will be sent through **Mail /Mobile**

**Two-day FDP on  
“Logistics& Supply Chain  
Management”**

**09-11-2021 to 10-11-2021**

**(AIET-2021)**

**Registration Form**

Participant's Name :

Qualification :

Department :

Organization:

Address for :

Communication :

Phone No. (OR) :

E-mail :

**SPONSORSHIP CERTIFICATE**

This is to certify that Mr. / Ms \_\_\_\_\_ is an employee of our Institution since \_\_\_\_\_ and is hereby sponsored to attend the FDP on Logistics & Supply Chain Management at **AIET**, tagarapuvalasa on NOV-2021.

Place:

Date:

Signature of H.O.D



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## **DEPARTMENT OF MANGEMENT STUDIES**

### **A REPORT ON TWO DAY**

### **FACULTY DEVELOPMENT PROGRAM**

### **ON**

## **LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

#### **Dates of the Program:**

09-11-2021 & 10-11-2021

#### **Time:**

10.00 AM to 12.00 PM and 2:00 PM to 4:00 PM

#### **Venue:**

Avanathi Institute of Engineering and Technology



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## Summary

**Day 1 :** The inaugural Session for the FDP held on 9<sup>th</sup> November, 2021 at 10.00 AM at Avanthi Institute of Engineering and Technology. presided by:

A Two-Day FDP was conducted on "Logistics and Supply Chain Management" on 09-11-2021 which was coordinated by Mr. U. Ramu the FDP was conducted for the Faculty Members and Research Scholars. After attending the FDP, participants were able to gain knowledge on "Logistics and Supply Chain Management" The event started with warm welcome to all the participants, Mr. U. Ramu had narrated the Logistics and Supply Chain Management in the present world, and the scope of its rapidly growing industry.

Sri. Dr. V. Sai Prasanth, HOD-MBA addressed the attendees about the importance of Logistics and supply chain in the present era. He encourages all the faculty who have attended the program to make a profession in the field of Logistics and supply chain. This kind of events is encouraged in the department that makes the faculty bright in combating with the rapidly changing combat situations.

Prof. S. N. V. Ganesh, Principal, AIET, has said that this kind of certifications is an add-on to the faculty, hence faculty should do these enthusiastically.

Dr. P. Manoj Babu has kindled the participants about the logistics and it's growth in the present world. The session proceeded with the topic of Logistics and Supply Chain Management, Quality Management, and Vendor Analysis Model has explained by him with Live demos and Power Point Presentations. In the Afternoon Session he as given the lecture about how logistics growth has been increases in the present world.



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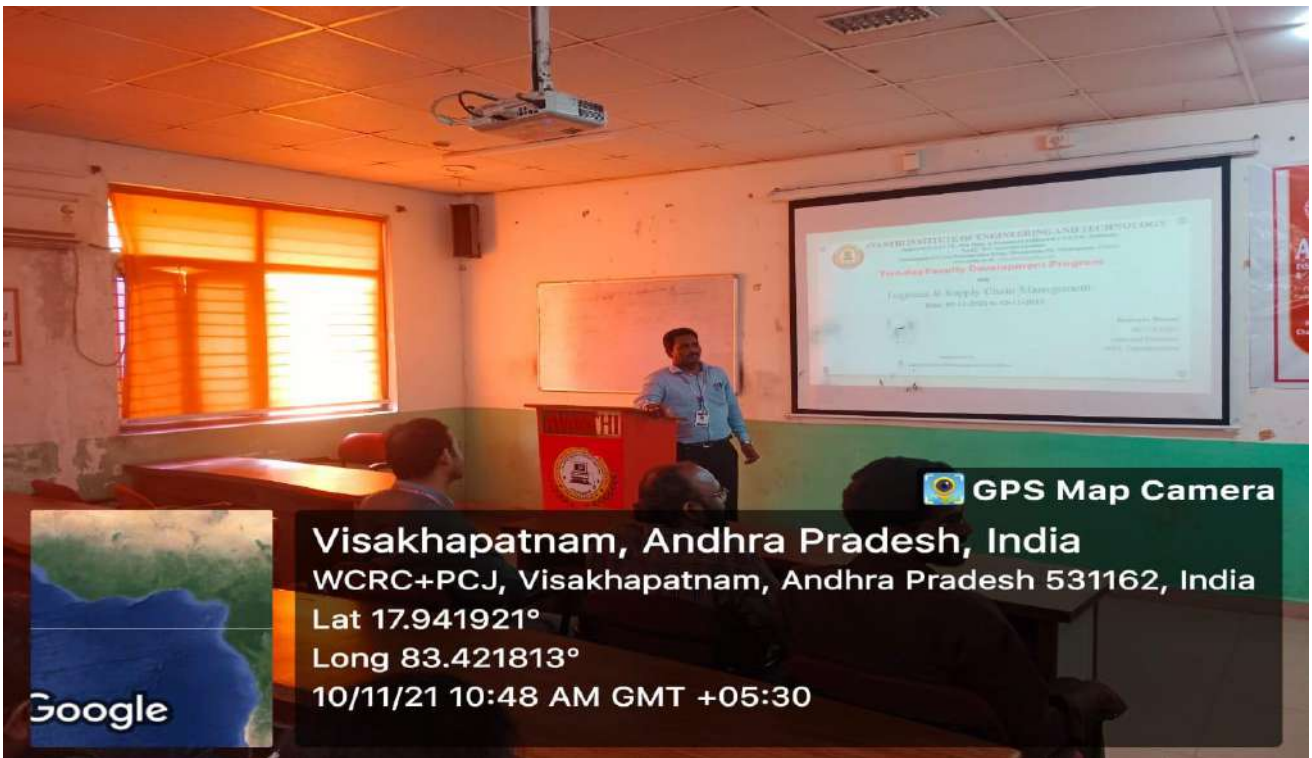
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**Fig: Day 1 :** Dr. P Manoj Babu who is addressing the faculty.



**Day 2 :** Mr. U. Ramu who is addressing the faculty.





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**Day 2:** On the second day the sessions continued with brief recap of the previous day's session and clarification of the doubts. Later the sessions on Detailed Explanation about the topic of Growth and Opportunities of the logistics and Supply Chain.

The session was concluded by felicitating the guests and with vote of thanks.

The participants are directed to stay in the lab for further inputs.

The session for two days held at the same venue.

The number of participants attended for Faculty Development Program are 20 Members in those 10 are from AIET, 5 are from MVGR College of Engineering and 5 are from NSRIT College.

HOD-MBA

**Head of the Department**

**Master of Business Administration**

**AVANTHI INSTITUTE OF ENGG. & TECH.**

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## DEPARTMENT OF MANAGEMENT STUDIES

Two Day Faculty Development Program

On

**"LOGISTICS & SUPPLY CHAIN MANAGEMENT"**

List of Participants:

Date: 09-11-2021 to 10-11-2021

S.NO	NAME OF THE FACULTY	09-11-2021 Signature	10-11-2021 Signature
1	Dr. V. Sai Prashanth, Assistant Professor, AIET		
2	Mr. U. Ramu, Associate Professor, AIET		
3	Mrs. Kella Ramya Krishna, Assistant Professor, AIET		
4	Mr. Sravan Kumar Yalla, Assistant Professor, AIET		
5	Mr. Sundara Rao Mamidi, Assistant Professor, AIET		
6	Mr. S Suman Datta, Assistant Professor, AIET		
7	Mrs. Dimple Mutyala, Assistant Professor, AIET		
8	Mrs. N. Divya Jaya Lakshmi, Assistant Professor, MVGR		
9	Mrs. K. Uma Rani, Assistant Professor, MVGR		
10	Mr. V. Srinivas Rao, Assistant Professor, MVGR		
11	Mr. B. Bhanu, Assistant Professor, MVGR		
12	Mrs. Jaya Lakshmi, Assistant Professor, MVGR		
13	Mr. Dhanunjay Rao Assistant Professor, MVGR		



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14	Mrs. K. Uma Maheswari Assistant Professor, AIET	K. Uma maheswari	K. Uma maheswari
15	Mr. P. Narayana Rao Associate Professor, NSRIT	P. Narayana Rao	P. Narayana Rao
16	Mr. G.V. S. N. Raju Associate Professor, NSRIT	G. V. S. N. Raju	G. V. S. N. Raju
17	Mrs. Sunitha Assistant Professor, AIET	Sunitha	Sunitha
18	Mrs. M. Lavanya Assistant Professor, NSRIT	M. Lavanya	M. Lavanya
19	Mrs. M. Monisha Assistant Professor, NSRIT	M. Monisha	M. Monisha
20	Mr. P. Rajesh Assistant Professor, NSRIT	P. Rajesh	P. Rajesh
21	Mrs. K. Dhana Lakshmi Assistant Professor, NSRIT	K. Dhana	K. Dhana

V. Sri Prasanth

**HOD- MBA**

**Head of the Department**

**Master of Business Administration**  
**AVANTHI INSTITUTE OF ENGG. & TECH**  
Cherukupally (V), Near Tagarapuvalasa Bridge,  
Bhogapuram (M), Vizianagaram (D)-531162

**PRINCIPAL**

**PRINCIPAL**  
**AVANTHI INSTITUTE OF ENGG. & TECH**  
Cherukupally (V), Chittivalasa (SAC),  
Bhogapuram (M),  
Vizianagaram (Dist.)-531162



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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

## Certificate Of Participation

This is to certify that Mr./Ms. KELLA RAMYA KRISHNA

Participated in a Two Day Faculty Development Program organized by  
Department of Master of Business Administration from 09-11-2021 to  
10-11-2021 on "Logistics and Supply Chain Management" in Avanthi Institute  
of Engineering & Technology, Cherukupally.

  
Convener

Head of the Department

Master of Business Administration

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Near Tagarapavalasa Bridge,

Bhogapuram (M), Vizianagaram (D)-531162



Principal  
PRINCIPAL

AVANTHI INSTITUTE OF ENGG. & TECH.

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# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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## Requisition Letter

Tagarapuvalasa,  
Date: 15-1-2022.

From,  
Head of the Department,  
Department of Management Studies,  
Avanthi Institute of Engineering and Technology.

To  
The principal,  
Avanthi Institute of Engineering and Technology.  
Cherukupally Village.  
Vizianagaram – 531162.

Sub: Request for permission to conduct a Three-Day Online FDP for teaching staff on 08-2-2022 to 10-2-2022.

Respected Sir,

I hope this letter finds you in good health and spirits. I am writing this letter to request your permission to organize a Faculty Development Program who is willing to share his knowledge for the teaching staff in our college.

The FDP is focused on “**Investment & Portfolio Management**” and is aimed at providing a platform for teaching staff to expand their knowledge and understand the latest advancements and developments in the field. Our goal is to create an engaging and interactive atmosphere for the attendees and make the program a memorable experience.

The event will be conducted on 08-2-2022 to 10-2-2022 In Online Zoom Meeting. We have made all the necessary arrangements, including the invitation of knowledgeable and experienced speaker and the provision of audio-visual aids. Our team has also taken into consideration all the safety measures to ensure a smooth and secure event.

I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event.

Thank you for considering our request. I look forward to your positive response.



Yours sincerely,

Head of the Department

Master of Business Administration

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Near Tagarapuvalasa Bridge

Bhogapuram (M), Vizianagaram (D)-531162

PRINCIPAL

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Near Tagarapuvalasa Bridge

Bhogapuram (M), Vizianagaram (D)-531162





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www.aietta.ac.in, [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

Date: 4-02-2022

## CIRCULAR

Department of Management Studies is conducting a Three-day Online Faculty development program on "Investment & Portfolio Management" for Teaching staff from 08-02-2022 to 10-02-2022. Interested Faculty are invited to attend the program.

**Date:** 08-02-2022 to 10-02-2022.

**Resource Person:** Prof.K.V. Ramana Murthy, Professor & HOD, Department of Management Studies, Andhra University, Visakhapatnam

**Venue:** Online (ZOOM MEETING).

**Time:** 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM

Circulate to:

All the faculty members

Copy to

The principal

HOD-MBA

Head of the Department  
Master of Business Administration  
AVANTHI INSTITUTE OF ENGG. & TECH.  
Cherukupally (V), Near Tagarapuvalasa Bridge,  
Bhogapuram (M), Vizianagaram (D)-531162

## INSTITUTION

Avanthy Institute of Engineering and Technology is established in the year 2005 with the approval of AICTE, New Delhi and recognized by Government of Andhra Pradesh. The Institution is permanently affiliated to JNTUK, Kakinada and is accredited by NAAC. The college is well equipped with state of art laboratories and computer centers. The college is 25 km from Visakhapatnam and 15 km from Vizianagaram near Tagarapualasa Bridge adjacent to NH-16. Students of Avanthy boast of their excellent academic performance both at University level and GATE with an enviable record of results. Our students achieve heights of excellence by getting a way of admission in prestigious institutions like IITS & NITS.

## Route Map



## ORGANISING COMMITTEE

### Chief Patron

Smt. M. Gnaneswari, Chair Person, AIET

### Patron

Dr. S. N. V. Ganesh, Principal, AIET

### Convener:

Dr. V. Sai Prasanth, HOD, MBA

### Organizing committee:

Dr. V. Sai Prasanth  
Mrs. M. Anusha Kumari  
Mr. U. Ramu  
Mr. K. Ramya Krishna

### Members

All Faculties from Department of Management Studies of the Host Institute.

## **Three-day Online FDP on “Investment & Portfolio management”**

**08-02-2022**

**To**

**10-02-2022**

**Organized by**

**DEPARTMENT  
OF  
MANAGEMENT  
STUDIES**



**AVANTHY INSTITUTE OF  
ENGINEERING & TECHNOLOGY  
CHERUKUPALLY(V), NEAR TAGARAPUVALASA BRIDGE,  
VIZIANAGARAM DIST-531162**

[www.avanthy.edu.in](http://www.avanthy.edu.in), [www.aietta.ac.in](http://www.aietta.ac.in)

**OBJECTIVE:**

The Fundamental Objective of portfolio management is to help select best investment options as per one's income, age, time horizon and risk appetite. Nonetheless, to make the most of portfolio management, investors Should opt for a management type that suits their investment pattern.

**COURSE CONTENTS:**

- Introduction of IPM
- Elements of Portfolio Management
- Factors Influencing Investment Portfolio Management
- Risk Optimisation
- Types Of Investment Portfolio
- Estimation of Capital Market

Faculty members from AICTE approved; students (UG, PG and Research Scholars) are eligible to attend the FDP.

**Co-Ordinator:**

**Mr. U. Ramu,**

Associate Professor (MBA), AIET

Mobile : +91 9956234712

E-Mail : [avanthi.mba@gmail.com](mailto:avanthi.mba@gmail.com)

**RESOURCE PERSON:**

**Prof. K. V. Ramana Murthy**

Professor, Department of Management

Studies, DCMS, Andhra University

Mobile: +91 9441141673

**About Resource Person:**

Prof. K. V. Ramana Murthy Garu has completed his Ph.D. from Andhra University, Andhra Pradesh, India. He is presently working as professor of department of Management Studies at Andhra University. He has 15 years' experience in the teaching field. He has published 11 national and international journals.

**Note:** Further Information to the Participants will be sent through **Mail /Mobile**

**Three day Online FDP on  
"Investment & Portfolio  
Management"  
08-2-2022 to 10-2-2022**

**(AIET-2022)**

**Registration Form**

Participant's Name :

Qualification :

Department :

Organization:

Address for :

Communication :

Phone No. (OR) :

E-mail :

**SPONSORSHIP CERTIFICATE**

This is to certify that Mr. / Ms \_\_\_\_\_ is an employee of our Institution since \_\_\_\_\_ and is hereby sponsored to attend the FDP on Investment & Portfolio Management at AIET, tagarapuvalasa on FEB-2021.

Place:

Date:

Signature of H.O.D





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## **DEPARTMENT OF MANGEMENT STUDIES**

### **A REPORT ON THREE DAY**

### **ONLINE FACULTY DEVELOPMENT PROGRAM**

### **ON**

### **INVESTMENT AND PORTFOLIO MANAGEMNT**

#### **Dates of the Program:**

08-02-2022 to 10-02-2022

#### **Time:**

10.00 AM to 12.00 PM and 2:00 PM to 4:00 PM

#### **Venue:**

Online (ZOOM Meeting)



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## Summary

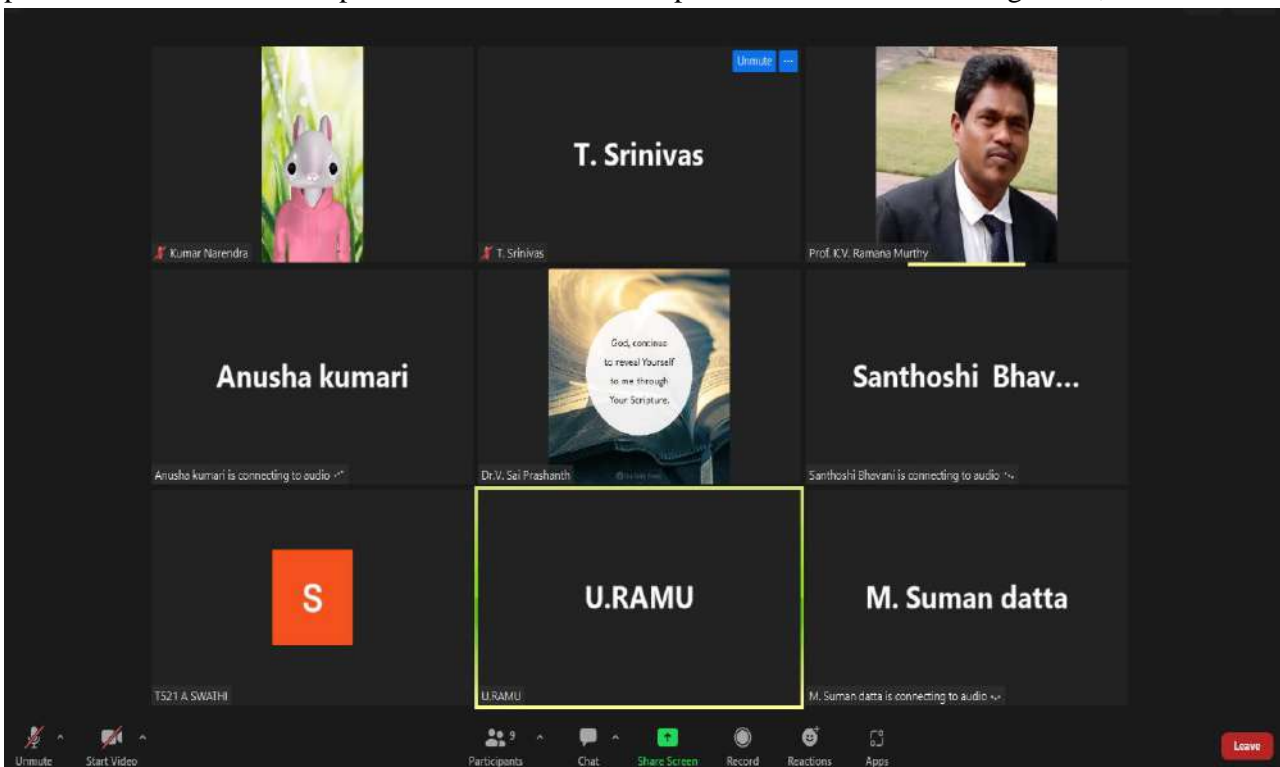
**Day 1:** The inaugural Session for the FDP held on 8<sup>th</sup> February, 2022 at 10.00 AM at Zoom (Online Platform) presided by:

Mr. T. Srinivas, Department of MBA, AIET, The HOD-MBA - Dr. V. Sai Prasanth, The Principal – Dr. S.N.V.Ganesh, Resource person – Prof. K. V. Ramana Murthy, Professor & Hod, Department of Management Studies, Andhra University Visakhapatnam. The event started with a prayer song and warm welcome to all the participants, Mr. T. Srinivas has narrated the importance of the Investment and Portfolio Management in the present world, and the scope of its rapidly growing industry.

Sri. Dr. V. Sai Prasanth, HOD-MBA addressed the attendees about the importance of Investment and Portfolio Management in the present era. He encourages all the faculty who have attended the program to make a profession in the field of Investment and Portfolio Management. This kind of events is encouraged in the department that makes the faculty bright in combating with the rapidly changing combat situations.

Prof. S. N. V. Ganesh, Principal, AIET, has said that this kind of certifications is an add-on to the faculty, hence faculty should do these enthusiastically.

Prof. K.V. Ramana Murthy has kindled the participants about the importance of Portfolio in the present world. The session proceeded with brief description about Portfolio Management,.



Prof K.V. Ramana Murthy who is addressing the faculty.



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**Day 2:** On the Next two days the sessions continued with brief recap of the previous day's session and clarification of the doubts. Later the sessions proceed with a growth and opportunities in Investment and Portfolio Management.

The session was concluded by felicitating the guests and with vote of thanks.

The participants are directed to stay in the lab for further inputs.

The session for two days held at the same venue.

The number of participants attended for Faculty Development Program are 30 Members in those 11 are from AIET, 10 are from NSRIT College of Engineering and 9 are from Gayatri Vidya Parishad.

HOD-MBA

Head of the Department

Master of Business Administration

AVANTHI INSTITUTE OF ENGG. & TECH

Cherukupally (V), Near Tagarapuvalasa Bridge

Bhogapuram (M), Vizianagaram (D)-531162

PRINCIPAL

PRINCIPAL

AVANTHI INSTITUTE OF ENGG. & TECH

Cherukupally (V), Chittivalasa (SAO)

Bhogapuram (M).

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## DEPARTMENT OF MANAGEMENT STUDIES

Three Day Online Faculty Development Program

On

**"INVESTMENT & PORTFOLIO MANAGEMENT"**

List of participants:

Date: 08-02-2022 to 10-2-2022

S.NO	NAME OF THE FACULTY
1	Dr V Sai Prashanth, Assistant Professor, AIET
2	Mr. U. Ramu, Associate Professor, AIET
3	Mr. umamahesh khalli, Assistant Professor, AIET
4	Mr. Sundara Rao Mamidi, Assistant Professor, AIET
5	Mrs. M. Anusha Kumari, Assistant Professor, AIET
6	Mr. Tammana Srinivas, Associate Professor, AIET
7	Miss. P. Monika Assistant Professor, AIET
8	Mrs. L. Ashika Assistant Professor, NSRIT
9	Mrs. L.Vasupradha Assistant Professor, NSRIT
10	Mr. T. Prasanth Assistant Professor, AIET
11	Mr. R. Ramu Assistant Professor, AIET
12	Mr. P. Satish Assistance Professor, NSRIT
13	Mr. P. Manohar Assistance Professor, NSRIT
14	Mrs. T. Basanthi Assistance Professor, GVP
15	Mr. G. Guptha Assistance Professor, NSRIT
16	Mrs. K. Rajeswari Assistance Professor, NSRIT



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17	Mr. T. China Rao Assistance Professor, NSRIT
18	Mr. Y. Rama Rao Assistance Professor, NSRIT
19	Mr. Y. Ram Babu Associate Professor, GVP
20	Mr. Y Venu Gopal Rao Assistance Professor, GVP
21	Mr.P. Adinarayana Assistance Professor, GVP
22	Mrs.Kanaka Prathyusha Shivkoti Assistance Professor, AIET
23	Mr.L. Gouri Naidu Assistance Professor, GVP
24	Mr.Y. Ram Babu Associate Professor, VIEW
25	Mr. A.Gopal Raju Assistance Professor, NSRIT
26	Mr. M. Mohan Rao Assistance Professor, GVP
27	Mr. M. Santosh Associate Professor, VIEW
29	Mr. T. Raghu Mohan Rao Assistance Professor, GVP
30	Mr. Y. Raja Rao Associate Professor, VIEW

*V. Sai Prasanth*

**HOD- MBA**

Head of the Department  
Master of Business Administration  
AVANTHI INSTITUTE OF ENGG. & TECH.  
Cherukupally (V), Near Tagarapuvalasa Bridge  
Bhogapuram (M), Vizianagaram (D)-531162

*[Signature]*

**PRINCIPAL**

PRINCIPAL  
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Bhogapuram (M),  
Vizianagaram (Dist.)-531162



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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

## Certificate Of Participation

This is to certify that Mr./Ms. U. RAMU

Participated in a Three Day Faculty Development Program Organized by Department of Master of Business Administration From 08-02-2022 to 10-02-2022 on "Investment and Portfolio Management" in Avanthi Institute of Engine & Technology, Cherukupally.

*J. Sai Prasanth*

Convener

Head of the Department

Master of Business Administration  
AVANTHI INSTITUTE OF ENGG. & TECH.  
Cherukupally (V), Near Tagarapavalasa Bridge  
Bhogapuram (M), Vizianagaram (D)-531162

Principal

PRINCIPAL

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Tagarapuvalasa,

Date: 11-10-2021.

From  
R. Venkatesh  
Head of the Department,  
Department of CIVIL Engineering  
Avanthi Institute of Engineering and Technology  
To  
The principal  
Avanthi Institute of Engineering and Technology  
Cherukupally Village  
Vizianagaram – 531162

Subject: Request for permission to conduct One day online faculty development program for teaching staff on 25-10-2021.

Respected Sir,

I hope this letter finds you in good health and spirits. I am writing to request your permission to organize a Faculty Development program for the teaching staff in our college.

The online FDP is focused on “Disasters in civil construction” and is aimed at providing a platform for teaching staff to expand their knowledge and understand the latest advancements and developments in the field. Our goal is to create an engaging and interactive atmosphere for the attendees and make the program a memorable experience.

The event will be conducted on 25-10-2021 Zoom meeting platform. We have made all the necessary arrangements, including the invitation of knowledgeable and experienced speaker and the provision of audio-visual aids. Our team has also taken into consideration all the safety measures to ensure a smooth and secure event.

I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event.

Thank you for considering our request. I look forward to your positive response.

PRINCIPAL

AVANTHI INSTITUTE OF ENGG. & TECH.

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Bhogapuram (M), Vizianagaram (D)-531162

Yours sincerely,

(R. Venkatesh)

H.O.D-CIVIL

Head of the Department

Civil Engineering

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Chittivalasa (SAO)

Bhogapuram (M), Vizianagaram (D)-531162

Avanthi Institute of Engineering and Technology



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## DEPARTMENT OF CIVIL ENGINEERING

### CIRCULAR

Dt: 23-10-2021

Department of Civil Engineering has planned to conduct a One day online faculty development program on “Disasters in Civil Construction” for teaching staff on 25-10-2021. Interested faculties are attend to the program.

**DATE:** 25-10-2021 TO 27-10-2021.

**RESOURCE PERSON:** Dr. K. Rajashekhar, Professor, Department of Civil Engineering,  
Andhra University

**MEETING PLATFORM:** Zoom meeting.

**TIME:** 9:00AM to 12:00PM and 2:00PM to 4:00PM

  
(R. VENKATESH)

**HOD-CIVIL**  
Head of the Department  
Civil Engineering

AVANTHI INSTITUTE OF ENGG. & TECH.  
Cherukupally (V), Chittivalasa (SAO)  
Bhogapuram (M), Vizianagaram (D)-531162

Copy to:

1. Circular file
2. The principal
3. Faculty circulation
4. Notice board



## **Institution:**

Avanthy Institute of Engineering and Technology is established in the year 2005 with the approval of AICTE, New Delhi and recognized by Government of Andhra Pradesh. The Institution is permanently affiliated to JNTUK, Kakinada and is accredited by NAAC. The college is well equipped with state of art laboratories and computer centers. The college is 25 km from Visakhapatnam and 15 km from Vizianagaram near Tagarapavalasa Bridge adjacent to NH-16. Students of Avanthy boast of their excellent academic performance both at University level and GATE with an enviable record of results. Our students achieve heights of excellence by getting a way of admission in prestigious institutions like IITS & NITS.

## **Route Map:**



## **ORGANISING COMMITTEE**

### **Chief Patron:**

Smt M. Gnaneswari, President, AIET

### **Patron:**

S.N.V.Ganesh,Principal,AIET

### **Convener:**

Mrs. R. Venkatesh, HOD

### **Organizing Committee:**

Mrs. M. Sumathi– Civil department

Mr. I. Santosh Kumar– Civil department

Mrs. T. Prasanthy– Civil department

Mr. T. Harish– Civil department

Mr. R. Rohith– Civil department

Mrs. P. Pallavi– Civil department

Mr. G. Anand– Civil department

### **Members:**

All Faculties from Civil engineering, of the Host Institute.

## **One day online FDP on Disasters in civil construction**

**25-10-2021**

**organized by**

**DEPARTMENT  
OF  
CIVIL ENGINEERING**



**AVANTHY INSTITUTE OF  
ENGINEERING & TECHNOLOGY**  
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VIZIANAGARAM DIST-531162  
[www.avanthy.edu.in](http://www.avanthy.edu.in), [www.aietta.ac.in](http://www.aietta.ac.in)

### **Objective:**

The world over disaster management is seen as evolving process. There cannot be a single model or approach towards management of disasters. Thus the objective of disaster management comprises six elements: the pre-disaster phase includes prevention, mitigation and preparedness, while the post disaster phase includes response, rehabilitation, reconstruction and recovery. Although the actions taken to address a specific disaster vary depending on the hazard, four objectives of disaster management apply to every situation

### **Course Contents:**

1. Environmental Hazards & Disasters
2. Types of Environmental hazards & Disasters: Natural hazards and Disasters
3. Endogenous Hazards
4. Exogenous hazards and disasters
5. Emerging approaches of disaster management
6. Pre- disaster stage (preparedness)
7. Emergency Stage
8. Post Disaster Stage-Rehabilitation

### **Eligibility:**

Faculty members from AICTE approved Institutes, Practicing Engineer's Scientists are eligible to attend the Faculty Development Programme.

### **Co-Ordinator:**

**T. HARISH,**

Assistant Professor (CIVIL), AIET

Mobile : +91 8712238938

E-Mail : [avanthi.civil@gmail.com](mailto:avanthi.civil@gmail.com)

### **Resource Person:**

**DR. K. RAJASHEKAR**

Professor, Department of Civil Engineering,  
Andhra University

Mobile: +91 9703335288

### **About Resource Person:**

Dr. K. Rajashekar garu has completed his Ph.D. from JNTUA University, Anantapur, Andhra Pradesh, India. He is presently working as professor of department of civil engineering at Andhra University. He has 15 years' experience in the teaching field. He has published 32 national and international journals. He is well versed in the field of structural engineering with involvement in many in house projects in progression for our country. He has two patents those are a system and method for evaluating compressive strength of a material and enhancing the strength of concrete by optimal usage of colloidal silica

**Note:** Confirmation to the selected candidates will be  
Sent By **Mail /Mobile**

## **One day online FDP on Disasters in civil construction**

**25-10-2021**

**(AIET-2021)**

**Registration Form**

Participant's Name:

Qualification :

Department :

Organization:

Address for :

Communication :

Phone No. (OR) :

E-mail :

### **SPONSORSHIP CERTIFICATE**

This is to certify that Mr. / Ms \_\_\_\_\_ is an employee of our Institution since \_\_\_\_\_ and is hereby sponsored to attend the Online FDP on Usage of Reusable material in CIVIL constructions. at **AIET**, tagarapavalasa on OCT-2021

Place:

Date:

Signature of H.O.D



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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## DEPARTMENT OF CIVIL ENGINEERING

### REPORT ON ONE DAY ONLINE FACULTY DEVELOPMENT

### PROGRAM ON DISASTERS IN CIVIL CONSTRUCTION

**Event type: FDP**

**Date / duration: 25-10-2021 / One days**

**Resource person: Dr. K. RAJASHEKAR**

**Name of the Convenor: Mr. R. VENKATESH HOD**

**Target audience: Faculty members of engineering colleges.**

#### **Summary:**

A Two-Day online FDP was conducted on "DISASTERS IN CIVIL CONSTRUCTION" on 25-10-2021 which was coordinated by T. HARISH. The FDP was conducted for the Faculty Members and Research Scholars. After attending the FDP, participants were able to gain knowledge on "DISASTERS IN CIVIL CONSTRUCTION".

There was an inauguration ceremony at the beginning of the programme and Mr. R. Venkatesh, HOD- CIVIL Department, welcomed all the participants, has introduced Resources Person he also explained DISASTERS IN CIVIL CONSTRUCTION.

Prof. S.N.V Ganesh, Principal, AIET, has said that this kind of certifications is an add on to the faculty, hence faculty must do these enthusiastically.

Dr. K. RAJASHEKAR has kindled the participants about "Disasters in civil construction" and covered following objectives and outcomes.



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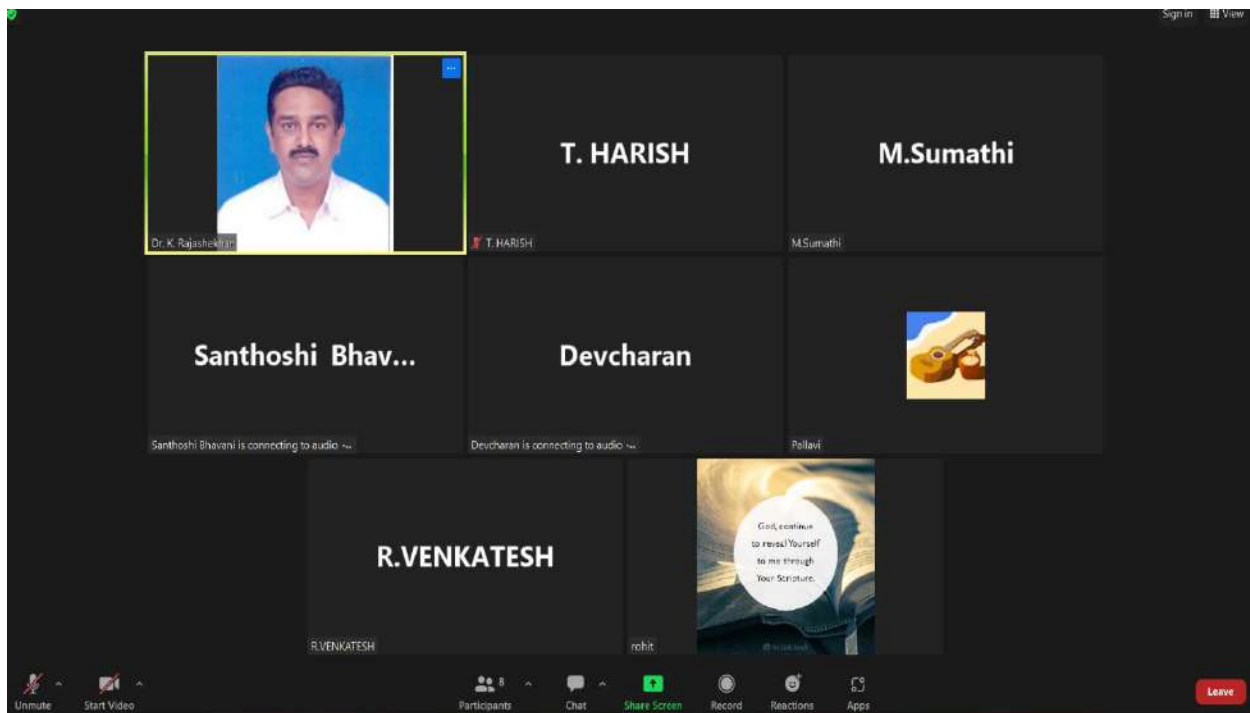
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www.aietta.ac.in, [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

## Objective of the Event:

1. Develop an understanding of why and how the modern disaster manager is involved with pre-disaster and post-disaster activities.
2. Develop an awareness of the chronological phases of natural disaster response and refugee relief operations. Understand how the phases of each are parallel and how they differ.
3. Understand the 'relief system' and the 'disaster victim.'
4. Describe the three planning strategies useful in mitigation.
5. Identify the regulatory controls used in hazard management.
6. Describe public awareness and economic incentive possibilities.
7. Understand the tools of post-disaster management.



## Outcomes of the Event:

1. Affirm the usefulness of integrating management principles in disaster mitigation work
2. Distinguish between the different approaches needed to manage pre- during and post-disaster periods
3. Explain the process of risk management
4. Relate to risk transfer



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---

The session was concluded by felicitating the guests and with vote of thanks.

The participants are redirected to tune in the meeting room for further inputs. The session for two days held in same link.

The total number of participants from the Civil Department are 27

### FEEDBACK /SUGGESTIONS:

All the participants are giving Positive and Encouraging feedback.

**HOD-CIVIL**

**Head of the Department**  
Civil Engineering

**AVANTHI INSTITUTE OF ENGG. & TECH.**  
Cherukupally (V), Chittivalasa (SAC)  
Bhogapuram (M), Vizianagaram (D)-531162

**PRINCIPAL**

**PRINCIPAL**  
**AVANTHI INSTITUTE OF ENGG. & TECH.**  
Cherukupally (V), Near Tagarapuvalasa Bridge,  
Bhogapuram (M), Vizianagaram (D)-531162



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www.aietta.ac.in, principal@aietta.ac.in

## DEPARTMENT OF CIVIL ENGINEERING

### List of Participants

One day online Faculty Development Program on

### **"Disasters in Civil Construction"**

(25-10-2021)

S. No	Name of the Faculty
1	R. Venkatesh, Assistant Professor
2	M. Sumathi, Assistant Professor
3	I. Santosh Kumar, Assistant Professor
4	T. Prasanthi, Assistant Professor
5	T. Harish, Assistant Professor
6	R. Rohith, Assistant Professor
7	P. Pallavi, Assistant Professor
8	G. Anand, Assistant Professor
9	A. V. Prasad, Assistant Professor, GIITS
10	P. Shanti Swaroop, Assistant Professor, GIITS
11	K. Ratnakar, Assistant Professor, GIITS
12	S. Gayatri, Assistant Professor, SITAM
13	K. Syamala, Assistant Professor, SITAM
14	D. Veera Manisri, Assistant Professor, SITAM
15	M. Bhargavi, Assistant Professor, SITAM, GVP
16	B. H. S Sai Prasanth, Assistant Professor, SITAM, GVP
17	P. Sarath, Assistant Professor, NSRIT
18	B. Taruni, Assistant Professor, NSRIT
19	G. Goutham Kumar, Assistant Professor, NSRIT
20	V. Naga Sai Sindhuja, Assistant Professor, VIET
21	K. Satish, Assistant Professor, VIET
22	S. Shekhar, Assistant Professor, VIET
23	P. Parameswari, Assistant Professor, GIITS
24	M. Ananth Kumar, Assistant Professor, GIITS
25	P. Sundara babu, Assistant Professor, MESGI
26	N. Himabindu, Assistant Professor, MESGI
27	V. R. Susheel Kumar, Assistant Professor, MESGI

*R. Venkatesh*  
HOD-CIVIL

Head of the Department  
Civil Engineering

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Bhogapuram (M), Vizianagaram (D)-531162

  
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Bhogapuram (M), Vizianagaram (D)-531162



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This is to certify that Mr./Ms./Mrs./Dr. P. S. S. BHARADWAJ of

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

has participated in One day online Faculty Development Program on "**Disasters in Civil Constructions**" organized on **25-10-2021** by the Department of Civil Engineering, AVEV.

**Convener(HOD)**

Head of the Department

Civil Engineering

AVANTHI INSTITUTE OF ENGG. & TECH.

Cherukupally (V), Chittivalasa (SAO)

Bhogapuram (M), Vizianagaram (D)-531162

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Bhogapuram (M),

Vizianagaram (Dist.)-531162



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## Requisition letter

Date: September 01, 2021

To  
The Principal  
Avanthi Institute of Engineering and Technology  
Cherukupally.  
Vizianagaram - 531162

Subject: Request for permission to conduct Training for teaching faculty from 15-09-2021 to 16-09-2021.

Respected Sir,

I hope this letter finds you in good health and spirits. I am writing to request your permission to organize a Training program for the teaching staff in our college.

The FDP is titled as "Corrosion control methods" and is aimed at providing a platform for teaching staff to expand their knowledge and understand the latest advancements and developments in the field of Soft Skills. Our goal is to create an engaging and interactive atmosphere for the attendees and make the program a memorable experience.

The event will be conducted from 15-09-2021 to 16-09-2021, in the Main Block, Ground floor, E-Class room. We have made all the arrangements required. Our team is working to the best of their efforts to make this event a success.

I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event.

Thank you for considering our request. I look forward to your positive response.

Yours Sincerely,

(J.R.G.Patnaik)

HOD, BS&H

  
PRINCIPAL  
AVANTHI INSTITUTE OF ENGG. & TECH  
Cherukupally (V), Chittivalasa (SAO)  
Bhogapuram (M),  
Vizianagaram (Dist.)-531162

HOD - BS&H  
Avanthi Institute of Engg.&Tech.  
Cherukupalli (Vill), Bhogapuram (M)  
Near Thagarapavalasa  
Vizianagaram Dist.-531162





## AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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### CIRCULAR

**Date: 14-09-2021**

Department of Basic Sciences and Humanities conducting a two day FDP on “**Corrosion control methods**” for teaching staff from 15-09-2021 to 16-09-2021. All the Faculty are invited to attend the program without fail.

Resource person: Dr.M.Vijaya, Assistant professor, Dept of Engg.Chemistry AUCE (A), AU

Date: 15<sup>th</sup> to 16<sup>th</sup> September, 2021.

Venue: - Main Block, Ground floor E-Class room.

Time: 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM

Circulate to:

All the faculty members

J.R.G.Patnaik

HOD-BS&H

Copy to

The Principal

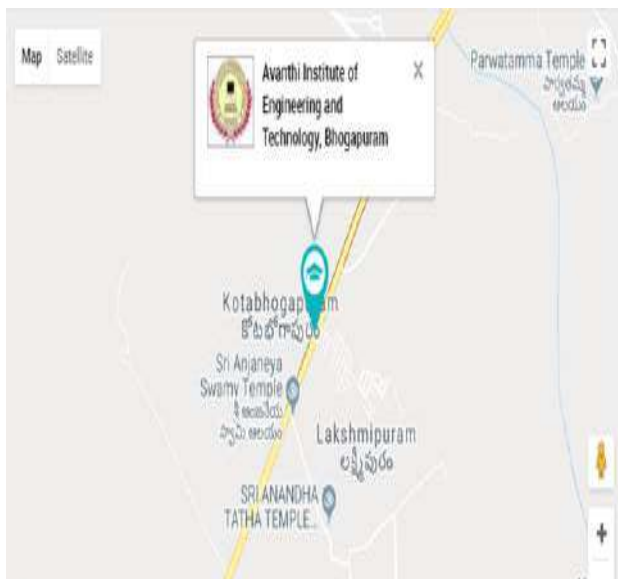
**HOD - BS&H**

Avanthi Institute of Engg.&Tech.  
Cherukupalli (Vill), Bhogapuram (M)  
Near Thagarapuvalasa  
Vizianagaram Dist.-531162

## INSTITUTION

Avanthy Institute of Engineering and Technology is established in the year 2005 with the approval of AICTE, New Delhi and recognized by Government of Andhra Pradesh. The Institution is permanently affiliated to JNTUK, Kakinada. The college is well equipped with state of art laboratories and computer centres. The college is situated, 25 km from Visakhapatnam and 15 km from Vizianagaram near Tagarapuvalasa Bridge adjacent to NH-16. Students of Avanthy boast of their excellent academic performance both at University level and GATE with an unenviable record of results. Our students achieve heights of excellence by getting a way of admission in prestigious institutions like IITS & NITS.

## Route Map



## ORGANISING COMMITTEE

### Chief Patron

Smt.M.Gnaneswari, Chairperson,  
AIET.

### Patron

Dr.S.N.V.Ganesh Principal, AIET

### Convener

Mr J.R.G.Patnaik, HOD (BS&H)

### Organizing Committee

Dr.R.Swapna  
Dr.K.Sandhya Rani  
Mr. G.Chinnayya  
Mr.G.Chinna Rao  
Mr.B.Praveen Kumar  
Mr.K.T.Daniel Mohan  
Mr.A.Seshu

---

### Members

All Faculties from Basic Sciences  
& Humanities, of the Host Institute.

A TWO DAY  
FACULTY DEVELOPMENT PROGRAMME

ON

**Corrosion control methods**

**(AIET-2021)**

15<sup>th</sup> to 16<sup>th</sup> September 2021

organized  
by

**DEPARTMENT OF BASIC  
SCIENCES AND HUMANITIES**



**AVANTHI INSTITUTE FOR  
ENGINEERING & TECHNOLOGY**  
CHERUKUPALLY(V), NEAR TAGARAPUVALASA

**BRIDGE, VIZIANAGARAM DIST-531162**

[www.avanthy.edu.in](http://www.avanthy.edu.in), [www.aietta.ac.in](http://www.aietta.ac.in)

## OBJECTIVE

This session will cover topics basics of Corrosion Science and Engineering: Recognize terms and definitions of basic electrochemistry, as well as define the processes and concepts of electrochemistry, oxidation and reduction reactions, thermodynamics, kinetics, and passivity, forms and types of Corrosion

## COURSE CONTENTS:

Cathodic protection, Sacrificial anode designing Coatings, Development of soft material-based coatings, Characterization of coating materials, Coating methods, Development of corrosion-resistant alloys.

## ELIGIBILITY

Faculty members from AICTE approved Institutes, Practicing Engineers; Scientists are eligible to attend the FDP.

## Co-ordinator

Dr. K.Sandhyarani (BS&H)  
Mobile : +91-9949726378

## Resource person

Dr.M.Vijaya  
Assistant Professor, dept of engg. Chemistry  
AUCE(A) ,AU.

Mobile : +91-9490733976

E-mail : Vijayamolli@gmail.com

## About resource person

Dr.M.Vijaya is working as an Asst.Prof of Chemistry on a specialized branch of Drug Analysis of Andhra University with rich experience of 19 years in teaching. During her tenure, she focuses on student achievement with a passion for scholarly innovative work as well as publishing vast number of articles at conferences by maintaining thought leadership in peer reviewed journals. She has achieved good fame during her earning tenure through administrative service committee contributions by taking the role of Assistant Principal, with an achievement-oriented approach.

**Note:** Confirmation to the selected candidates will be Sent By **Mail /Mobile**

## A TWO DAY FACULTY DEVELOPMENT PROGRAM ON

## **Corrosion control methods**

15<sup>th</sup> to 16<sup>th</sup>  
SEPTEMBER 2021

## Registration Form

Participant's Name :

Qualification :

Department :

Organization :

Address for :

Communication :

Phone No. (O) :  
(R) :

E-mail :

Date. :

## SPONSORSHIP CERTIFICATE

This is to Certify that Mr. / Ms \_\_\_\_\_ is an employee of our Institution since \_\_\_\_\_ and is here by sponsored to attend the two days FDP on "**Corrosion control methods**" at AIET, Tagarapuvalasa on 15<sup>th</sup> -16<sup>th</sup> September-2021.

Place: \_\_\_\_\_ Signature of Head of

Date: \_\_\_\_\_ the Institution



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## DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

### A REPORT ON TWO DAY FACULTY DEVELOPMENT PROGRAM ON CORROSION CONTROL METHODS

15<sup>th</sup> & 16<sup>th</sup> September 2021

Time:

10.00 AM to 12.00 PM and 2:00 PM to 4:00 PM

Venue: Main Block, Ground floor, E-Class room

Avanthi Institute of Engineering and Technology



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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## Summary

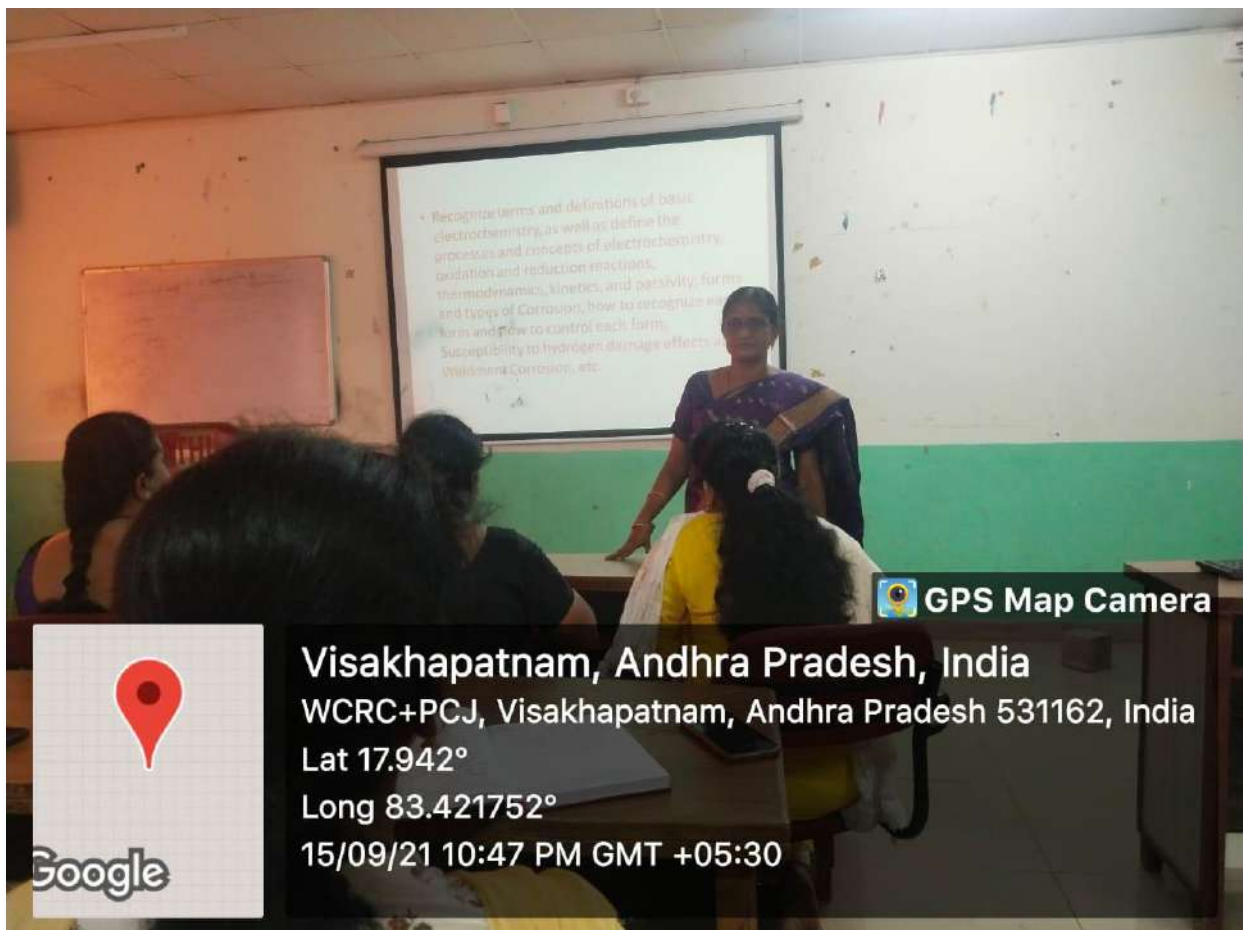
The Inaugural Session for the FDP held on 15th September, 2021 at 10.00 AM at Avanathi Institute of Engineering and Technology was presided over by:

Dr.K.Sandhyarani Department of BS&H, AIET, Convener– Mr.J.R.G.Patnaik, HOD-BS&H  
Resource person – Dr.M.Vijaya, Assistant professor, Dept of Engg.Chemistry AUCE (A), AU

The event started with a warm welcome to all the participants. Dr.K.Sandhyarani has narrated the importance of corrosion controlling methods in the present world.

Mr.J.R.G.Patnaik, HOD-BS&H addressed the attendees the importance of the protecting metals from Corrosion. He encouraged the entire faculty who has attended the program to enhance their knowledge with the inputs given in the FDP.

Dr.M.Vijaya, Assistant professor has given an introduction to Corrosion and recognize the economic, environmental, and safety impact of corrosion, types of corrosion, how to recognize each form and how to control each form. Corroded metal surface examination by microscopic and spectroscopic technique, Pit formation analysis, Linear polarization method, Electrochemical impedance spectroscopic (EIS) measurement, Corrosion monitoring in presence and absence of oxygen, Corrosion analysis by Fluorescence spectroscopic method, Thermo gravimetric analysis.



Dr.M.Vijaya Assistant Professor, Delivering her lecture on “Corrosion control methods”



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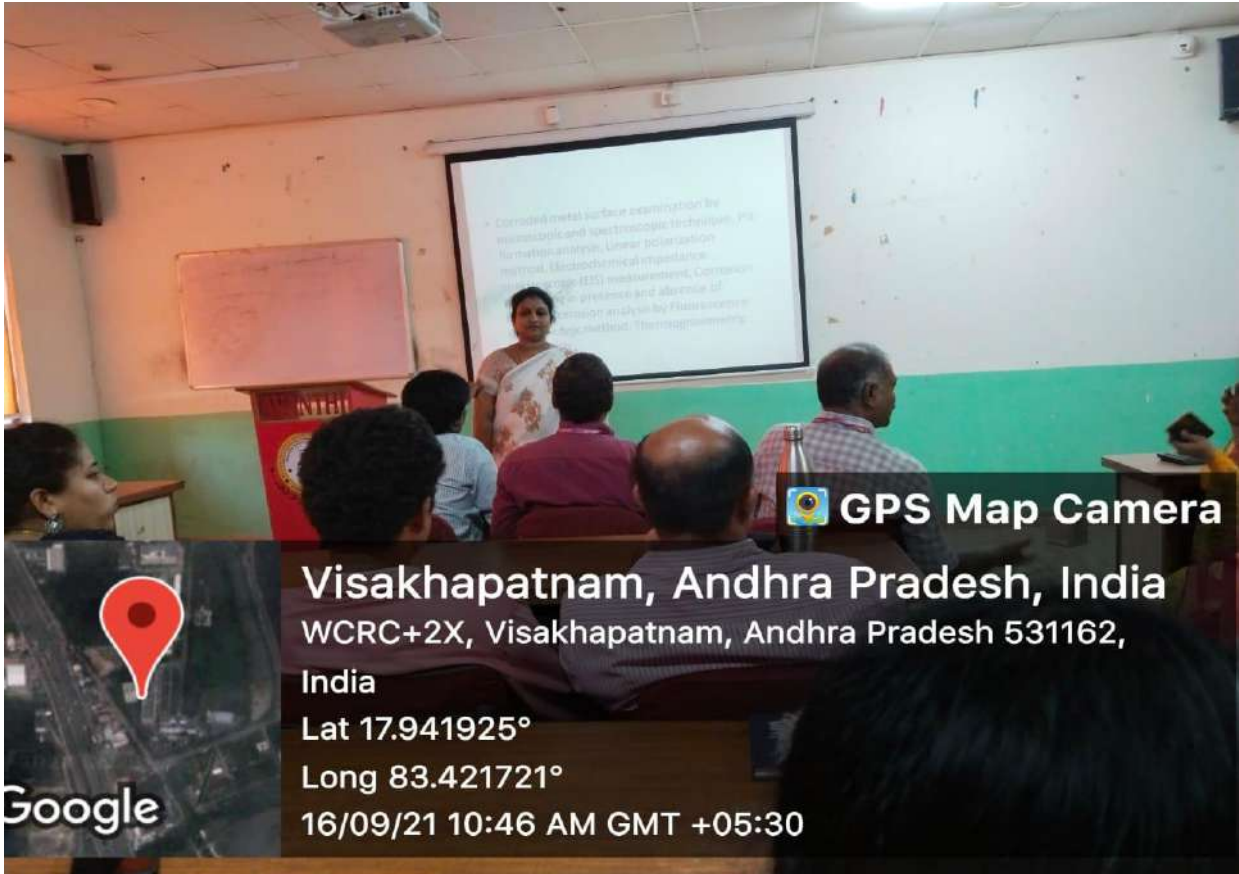
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On the second day, Dr.K.Sandhya rani ,Associate professor ,AIET Continued the sessions with brief recap of the previous day session and discussed about Ceramic coatings have been developed for pump internal parts. One commonly applied material is a glass-filled resin-based coating which has been successfully used for application to the internal surfaces of pipe work and valves, as well as pump bowls and impellers, to restore performance following corrosion or erosion. They are also sometimes applied to new pumps to prevent damage and improve efficiency by providing smoother surfaces. Metal surfaces require careful surface preparation to obtain the full benefits of the coating material.



Dr.K.Sandhya rani Associate Professor, Delivering her lecture on “Applications of Methods of Coating”

The session was concluded with a vote of thanks.

The participants were directed to stay in the lab for further inputs.

The session for two days was held at the same venue.

The total numbers of participants attended for FDP is 15 members in those 11 from AIET and 4 members from CEC.

  
HOD, BS&HS&H  
Avanathi Institute of Engg. &Tech.  
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Near Thagarapuvalasa  
Vizianagaram Dist.-531162

  
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Bhogapuram (M),  
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## DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Two day FDP on "Corrosion control methods "

(15-09-2021 and 16-09-2021)

### List of Participants:-

S.No	Name of the Faculty	15-09-2021	16-09-2021
1	Mr.J.,R.G.Patnaik,HOD, Associate Professor,AIET		
2	Mrs.M.Indira, Associate Professor, AIET		
3	Mr.K.T.Daniel Mohan, Assistant professor, AIET		
4	Dr.R.Swapna, Associate Professor, AIET		
5	Dr.K.Sandhya Rani, Associate Professor, AIET		
6	Dr.M.Swaroop Rani, Associate Professor,AIET		
7	Mr.G,Chinna Rao, Assistant Professor, AIET		
8	Mr.B.Praveen Kumar, Assistant Professor, AIET		
9	Mr.A.Seshu, Assistant Professor, AIET		
10	Mrs.G.Suneetha Rani, Assistant Professor, AIET		
11	Mr.G.Chinnayya, Assistant Professor, AIET		
12	Dr.Md.Asif, Associate Professor,CEC		
13	Mr.B.Sreedhar Assistant Professor,CEC		
14	Mr.M.Chakradhanam, Assistant Professor,CEC		
15	Mrs.S. Sireesha, Assistant Professor,CEC		

HOD, BS&H

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Near Thagarapuvalasa  
Vizianagaram Dist.-531162

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Vizianagaram (Dist.)-531162



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[www.aietta.ac.in](http://www.aietta.ac.in), [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

## Certificate Of Participation

This is to certify that Mr./Ms. B. Praveen Kumar  
Participated in a Two Day Faculty Development Program Organized by  
Department of Basic Science and Humanities from 15-09-2021 to  
16-09-2021 on "Corrosion Control Methods" in Avanathi Institute of  
Engineering & Technology, Cherukupally.

Convener

HOD - BS&H

Avanathi Institute of Engg. & Tech.  
Cherukupalli (V), Bhogapuram (M)  
Near Thagarapavalasa  
Vizianagaram Dist.-531162

Principal

AVANTHI INSTITUTE OF ENGG. & TECH  
Cherukupally (V), Chittivalasa (SAO)  
Bhogapuram (M),  
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## Requisition letter

Date: 15-01-2022

To

The Principal

Avanathi Institute of Engineering and Technology

Cherukupally Village

Vizianagaram - 531162

Subject: Request for permission to conduct Training for teaching faculty from 03-02-2022 to 04-02-2022.

Respected Sir,

I hope this letter finds you in good health and spirits. I am writing to request your permission to organize a Training program for the teaching staff in our college.

The FDP is focused on "Emerging trends in liquid crystals " and is aimed at providing a platform for teaching staff to expand their knowledge and understand the latest advancements and developments in the field of liquid crystals. Our goal is to create an engaging and interactive atmosphere for the attendees and make the program a memorable experience.

The event will be conducted from 03-02-2022 to 04-02-2022, in the E-Class room, Ground floor, Main block . I am confident that this event will be a great success and will contribute significantly to the overall growth and development of our staff. I would be honored if you could grant us your permission to proceed with the event.

Thank you for considering our request. I look forward to your positive response.

Yours Sincerely,  
(J.R.G.Patnaik)

H.O.D. BS&H

  
PRINCIPAL  
AVANTHI INSTITUTE OF ENGG. & TECH  
Cherukupally (V), Chittivalasa (SAO)  
Bhogapuram (M),  
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## CIRCULAR

Date: 02-02-2022

Department of Basic Sciences and Humanities conducting a two day FDP on "**Emerging trends in liquid crystals**" for teaching staff from 03-02-2022 to 04-02-2022. All the Faculty are invited to attend the program without fail.

Resource person: Dr.K.Sunil babu, Associate professor, Chaitanya engineering Colloge.

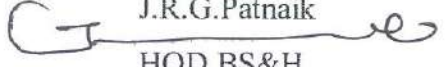
Date: 3<sup>rd</sup> to 4<sup>th</sup> February, 2022.

Venue: - Main Block, Ground floor, E-Class room.

Time: 10:00 AM to 12:00 PM and 2:00 PM to 4:00 PM

Circulate to:

All the faculty members

  
J.R.G.Patnaik  
HOD BS&H

HOD - BS&H  
Avanathi Institute of Engg.&Tech.  
Cherukupalli (Vill), Bhogapuram (M)  
Near Thagarapuvalasa  
Vizianagaram Dist.-531162

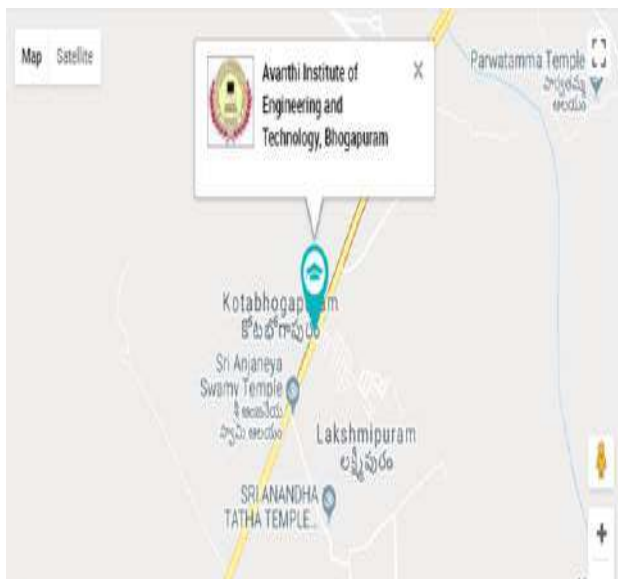
Copy to

The Principal

## INSTITUTION

Avanthi Institute of Engineering and Technology is established in the year 2005 with the approval of AICTE, New Delhi and recognized by Government of Andhra Pradesh. The Institution is permanently affiliated to JNTUK, Kakinada and is accredited by NAAC. The college is well equipped with state of art laboratories and computer centres. The college is Situated, 25 km from Visakhapatnam and 15 km from Vizianagaram near Tagarapuvalasa Bridge adjacent to NH-16. Students of Avanthi boast of their excellent academic performance both at University level and GATE with an unenviable record of results. Our students achieve heights of excellence by getting a way of admission in prestigious institutions like IITS & NITS.

## Route Map



## ORGANISING COMMITTEE

### Chief Patron

Smt.M.Gnaneswari, Chairperson,  
AIET.

### Patron

Dr.S.N.V.Ganesh Principal,AIET.

### Convener

Mr J.R.G.Patnaik, HOD (BS&H)

### Organizing Committee

Dr.R.Swapna  
Dr.E.Ranjit Kumar  
Dr.K.Sandhya Rani  
Mr.P.Satyanarayana  
Mr. G.Chinnayya  
Mr.K.T.Daniel Mohan  
Mrs.D.L.Pavani  
Mrs.T.Satya Supriya

---

### Members

All Faculties from Basic Sciences & Humanities, and of the Host Institute.

## A TWO DAY FACULTY DEVELOPMENT PROGRAMME

ON

**Emerging trends in liquid crystals**

**(AIET-2022)**

3<sup>rd</sup> to 4<sup>th</sup> February 2022

organized  
by

**DEPARTMENT OF BASIC  
SCIENCES AND HUMANITIES**



**AVANTHI INSTITUTE FOR  
ENGINEERING & TECHNOLOGY**

**CHERUKUPALLY(V),NEAR TAGARAPUVALASA**

**BRIDGE,VIZIANAGARAM DIST-531162**

[www.avanthi.edu.in](http://www.avanthi.edu.in), [www.aietta.ac.in](http://www.aietta.ac.in)

## OBJECTIVE

To introduce the concept of liquid crystal science and technology, including experimental and theoretical studies ranging from molecular design and synthesis to applications engineering. The journal focus is on liquid crystalline

## COURSE CONTENTS:

The properties of liquid crystals and how these materials are used in modern display technologies

The presence of defects in all crystals at equilibrium

How defects impact numerous properties of materials—from the conductivity of semiconductors to the strength of structural materials

## ELIGIBILITY

Faculty members from AICTE approved Institutes, Practicing Engineers, Scientists are eligible to attend the FDP.

### Co-ordinator

Dr.R.Swapna (BS&H)

Mobile : +91-79890 0592

### Resource person

Dr.K.Sunil babu

Associate Professor,Chaitanya

Engineering College

Mobile : +91-9985096345

E-mail : sunilbabukarri@gmail.com

### About resource person

Dr.K.Sunibabu Babu is currently working as Associate Professor in Chaitanya Engineering College, as a researcher he is very enthusiastic about the study of liquid crystals. He published vast number of research articles on his related field of study. He wants to use his knowledge of Physics in the right direction to solve challenging problems that may arise during his career.

**Note:** Confirmation to the selected candidates will be Sent By *Mail /Mobile*

## A TWO DAY FACULTY DEVELOPMENT PROGRAM ON **EMERGING TRENDS IN LIQUID CRYSTALS**

3<sup>rd</sup> to 4<sup>th</sup>  
FEBRAURY 2022

### Registration Form

Participant's Name :

Qualification :

Department :

Organization :

Address for :

Communication :

Phone No. (O) :

(R) :

E-mail :

Date :

### SPONSORSHIP CERTIFICATE

This is to Certify that Mr. / Ms \_\_\_\_\_ is an employee of our Institution since \_\_\_\_\_ and is here by sponsored to attend the two days FDP on "**Emerging trends in liquid crystals**" at **AIET**, Tagarapuvalasa on 3<sup>rd</sup> and 4<sup>th</sup> February-

Place:

Signature of Head of

Date:

the Institution



# **AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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www.aietta.ac.in, [principal@aietta.ac.in](mailto:principal@aietta.ac.in)

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## **DEPARTMENT OF BASIC SCIENCES AND HUMANITIES**

### **A REPORT ON TWO DAY FACULTY DEVELOPMENT PROGRAM ON EMERGING TRENDS IN LIQUID CRYSTALS**

3<sup>rd</sup> & 4<sup>th</sup> February 2022

Time:

10.00 AM to 12.00 PM and 2:00 PM to 4:00 PM

Venue: Main Block, Ground floor, E- Class room,  
Avanathi Institute of Engineering and Technology



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## Summary:

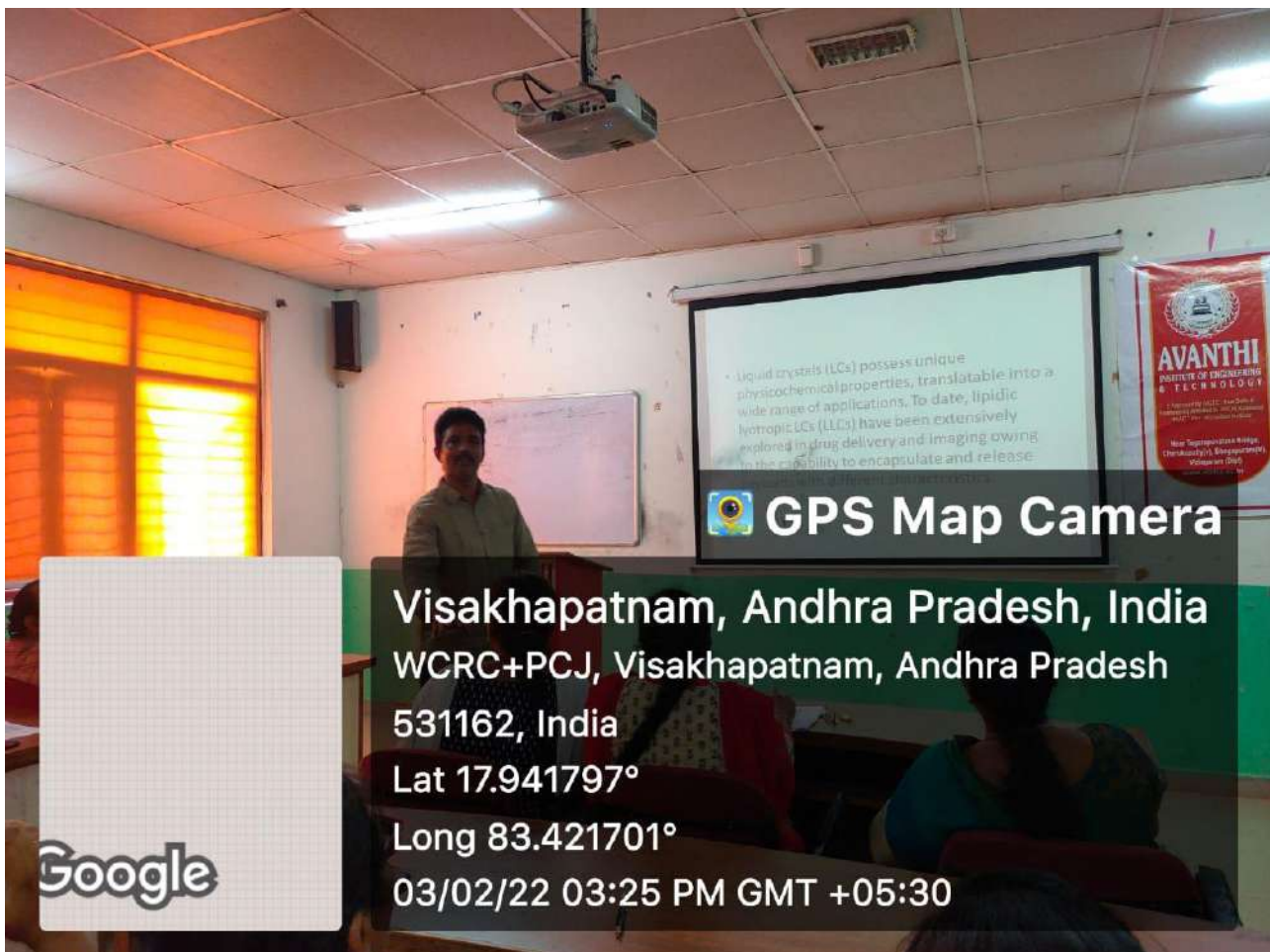
The Inaugural Session for the FDP held on 3<sup>rd</sup> February 2022 at 10.00 AM at Avanthi Institute of Engineering and Technology. presided by:

Dr.R.Swapna Department of BS&H, AIET, Convener-Mr.J.R.G.Patnaik, HOD-BS&H,AIET , Resource person – Dr.K.Sunil babu,Associate professor,Chaitanya engineering College.

The event started with a warm welcome to all the participants. Dr.R.Swapna has narrated the importance of liquid crystals in the present world. She also listed various types of liquid crystals.

Mr.J.R.G.Patnaik, HOD-BS&H addressed the attendees the Current Trends and Future Perspectives of liquid crystals. He encouraged the entire faculty who has attended the program to enhance their knowledge with the inputs given in the FDP.

Dr.K.Sunil babu ,has given an introduction to liquid crystals and a short description of the properties of LCs, their types and manufacturing procedures is given to serve as a background to the topic. Then, the latest and most innovative research in the field of biomedicine is examined, specifically the areas of drug and bio macromolecule delivery, tissue engineering and molecular imaging



Dr.K.Sunil babu, Associate professor delivering his lecture on “Emerging trends in liquid crystals “



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On the second day Dr.R.Swapna continued the sessions with brief recap of the previous day session.Latter she discussed about Ways to Use Crystals in Everyday Life, LCP is solving performance problems in critical marine, military, and industrial rope and cable applications. High strength with no creep allows manufacture of high performance ropes that are stable to extended loads. Superior abrasion resistance, excellent moisture resistance, and exceptional property retention over broad ranges of temperature and chemical environments, provide solutions to industrial wear and degradation problems experienced with existing fiber products. And clarification of the doubts.



Dr.R.Swapna Associate professor delivering her lecture on “importance of liquid crystals “



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The session was concluded with vote of thanks..

The session for two days held at the same venue.

The total numbers of participants attended for FDP is 15 members in those 11 from AIET and 4 members from CEC

  
HOD, BS&H  
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Cherukupalli (Vill), Bhogapuram (M)  
Near Thagarapuvalasa  
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## DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Two day FDP on "Emerging trends in liquid crystals"

(03-02-2022 and 04-02-2022)

### List of Participants:-

S.No	Name of the Faculty	03-02-2022	04-02-2022
1	Mr.J.,R.G.Patnaik,HOD, Associate Professor,AIET		
2	Mrs.M.Indira, Associate Professor, AIET		
3	Mr.K.T.Daniel Mohan, Assistant professor, AIET		
4	Dr.R.Swapna, Associate Professor, AIET		
5	Dr K Sandhya Rani, Associate Professor, AIET		
6	Dr.M.Swaroop Rani, Associate Professor,AIET		
7	Mr.G,Chinna Rao, Assistant Professor, AIET		
8	Mr.B.Praveen Kumar, Assistant Professor, AIET		
9	Mr.A.Seshu, Assistant Professor, AIET		
10	Mrs.G.Suneetha Rani, Assistant Professor, AIET		
11	Mr.G.Chinnayya, Assistant Professor, AIET		
12	Dr.Md.Asif, Associate Professor,CEC		
13	Mr.B.Sreedhar Assistant Professor,CEC		
14	Mr.M.Chakradhanam, Assistant Professor,CEC		
15	Mrs.S. Sireesha, Assistant Professor,CEC		

HOD, BS&H

HOD - BS&H  
Avanthi Institute of Engg.&Tech.  
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Near Thagarapuvalasa  
Vizianagaram Dist.-531162

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## Certificate Of Participation

This is to certify that Mr./Ms. A. Sushu.

Participated in a Two Day Faculty Development Program organized by Department of Basic Science and Humanities from 03-02-2022 to 04-02-2022 on "Emerging Trends in Liquid Crystals" in Avanthi Institute of Engineering & Technology, Cherukupally.

HOD - BS&H  
Convener

Avanthi Institute of Engg. & Tech.  
Cherukupalli (Vill), Bhogapuram (M)  
Near Thagarapuvalasa  
Vizianagaram Dist.-531162

Principal

AVANTHI INSTITUTE OF ENGG. & TECH  
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Date: 24-11-2021

To  
The Principal,  
Avanathi Institute of Engineering & Technology,  
Cherukupally village,  
Vizianagaram-531162

**Sub:** Requesting for permission to conduct one- day training program Life Skills for the non – teaching staff in the institute from 06-12-2021 – Reg.

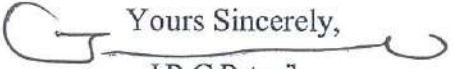
Respected Sir,

With due, here by stating that, I on behalf of BS&H department request you for conducting One-day training program on "Role and Activities of Support staff" for our the non –teaching staff members on 06-12-2021 at our E-class room Ground floor, Main block. Mrs.M.Indira, dept of BS&H is chosen as resource persons to deliver the lecture. Arrangements are done without disturbing the regular class work schedule.

We, therefore, hope that you would be kind enough to permit us to conduct the training program. Kindly grant us the permission.

Thanking you Sir,

  
PRINCIPAL  
AVANTHI INSTITUTE OF ENGG. & TECH  
Cherukupally (V), Chittivalasa (SAO)  
Bhogapuram (M),  
Vizianagaram (Dist.)-531162

  
Yours Sincerely,  
J.R.G.Patnaik,  
HOD, BS&H

HOD - BS&H  
Avanathi Institute of Engg.&Tech.  
Cherukupalli (Vill), Bhogapuram (M)  
Near Thagarapuvalasa  
Vizianagaram Dist.-531162



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Date: 04-12-2021.

## CIRCULAR

This is to inform all the technical staff of Avanathi Institute of Engineering and Technology that the Department of BS&H is conducting a One-Day training program on "Role and Activities of Support staff" in the Institute on 06-12-2021. All the non teaching staff members are invited to attend the event without fail.

**Date** : 06-12-2021  
**Time** : 10 AM to 12 NOON & 2 PM to 4 PM.  
**Resource persons** : Mrs.M.Indira  
**Venue** : E-class room Ground floor, Main block

Circulate to:  
All the faculty members

  
HOD, BS&H

Copy to:  
The Principal

HOD - BS&H  
Avanathi Institute of Engg.&Tech.  
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Near Thagarapuvalasa  
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## **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

### **A REPORT ON**

### **ONE-DAY NON-TEACHING TRAINING PROGRAM**

**ON**

**ROLE AND ACTIVITIES OF SUPPORT STAFF**

**Date of the event: 06-12-2021**

**Time: 10.00 AM to 12.00 NOON and 2:00 PM to 4:00 PM**

**Venue: E-Class Room, Ground floor, Main block**



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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## Summary

The Department of Basic science and Humanities of AIET has organized a one day training program on " Role and Activities of Support staff" for non teaching staff members of BS&H Department on 06-12-2021. The main Objective of this programme is to impart the people who work for an organization to keep it running and to support the people who are involved in the organization's main business support staff such as Lab technicians, Accountants, Lab assistants, electricians, and other support staff.

**Resource Persons :** Mrs.M.Indira ,Basic science and Humanities

**Venue :** E-Class Room, Ground floor,Mainbolck

The Session was handled by Mrs.M.Indira, who covered the Role and Activities of Support staff' Mrs.M.Indira Madam started with the program by addressing the Lab assistants, how to maintain lab in neat and clean and also explained about how to keep lab records in order as per activities wise. After that madam address the accountants and explain about how to maintain cash inflow and outflow in well recorded manner. Finally She addresses the electricians and explains about how to optimize the power and she is explained few of the power optimized techniques.



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Mrs.M.Indira ,Basic science and Humanities, conducting program on Role and Activities of Support staff for non teaching staff members

  
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## DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

### ONE-DAY TRAINING PROGRAM


ON

### ROLE AND ACTIVITIES OF SUPPORT STAFF

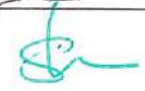
(06-12-2021)

#### List of Participants:-

S.No	Name of the Participant	Signature
1	Mr.B.Appala Raju Chemistry lab Assistant	B.Appala Raju
2	Mr. N.Chitti babu Physics lab Assistant	N.Chitti babu
3	Mr. S. Ramesh, Exam Cell	S.Ramesh
4	Mr. M. GuruKrishna, Office clerk	M.GuruKrishna
5	Mr. N. Suresh, MECH Lab Asst	N.Suresh
6	Mr. M.P. Divakar Das, MECH Lab Asst	M.P. Divakar Das
7	Mr. K. Appala Narayana, MECH Lab Asst	K.Appala Narayana
8	Mr. B. Srinivas, MECH Lab Asst	B.Srinivas
9	Mr. I. Ramu, EEE Lab Asst	I.Ramu
10	Mr. P. Santhosh, CSE Lab Asst	P.Santhosh
11	Mr. I. Sekhar, Accounts	I.Sekhar
12	Mr. P. Naresh, Accounts	P.Naresh
13	Mr. MSV Rajendra Prasad, Scholarship	MSV Rajendra Prasad
14	Mrs. A. NagaMani, Reception	A.NagaMani

  
HOD, BS&H

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## Certificate Of Participation

This is to certify that Mr./Ms. N. Chitti Babu  
Participated in a One Day Training Program Organized by Department of  
Basic Science and Humanities on 06-12-2021 on "*Role and Activities  
of Support staff*" in Avanathi Institute Engineering & Technology,  
Cherukupally.

  
HOD BS&H  
Convener  
Avanathi Institute of Engineering & Tech.  
Cherukupalli (Vill), Bhogapuram (M)  
Near Thagarapuvalasa  
Vizianagaram Dist-531162

  
Principal  
PRINCIPAL  
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