



**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)


NAAC “B++” Accredited Institute

Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

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**BROCHURES and REPORT**  
**OF**  
**FDP/ PROFESSIONAL DEVELOPMENT/ ADMINISTRATIVE**  
**TRAINING PROGRAMMES ORGANIZED BY INSTITUTE**  
  
**(2021-2022)**



**PRINCIPAL**  
Avanthi Institute of Engineering & Technology  
Gunthapally (V), Hayathnagar (M),  
Ranga Reddy Dist - 501 512



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PRINCIPAL  
Avanthi Institute of Engineering & Technology  
Gunthapally (V), Mayathuragar (M),  
Ranga Reddy Dist - 501 512



# AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Recg. By Govt. of T.S & Affiliated to JNTUH, Hyderabad)

NAAC "B++" Accredited Institute

Gunthapally (V), Abdullapurmet(M), RR Dist, Near Ramoji Film City, Hyderabad -501512.

www.aietg.ac.in email: principal.avanthi@gmail.com

ACADEMIC YEAR 2021-22			
Sl. No	Title of the FDP/MDP/ professional development/ administrative training program	Dates (from-to) (DD-MM- YYYY)	No. of days
1	FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON RECENT TRENDS IN VLSI TECHNOLOGIES	20 <sup>th</sup> to 24 <sup>th</sup> SEP 2021	5 days
2	FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON CLOUD INFRASTRUCTURE AND SERVICES	06 <sup>th</sup> to 11 <sup>th</sup> DEC 2021	5 days
3	FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON RECENT TRENDS IN ALTERNATIVE FUELS FOR IC ENGINES	03 <sup>rd</sup> to 07 <sup>th</sup> JAN 2022	5 days
4	FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON ELECTRICAL HYBRID VEHICLE	05 <sup>th</sup> to 09 <sup>th</sup> APR 2022	5 days

  
PRINCIPAL  
Avanthi Institute of Engineering & Technology  
Gunthapally (V), Hyderabad (M).  
Range Reddy Dist - 501 512

### ABOUT Avanathi Educational Society

Avanathi Educational Society's, Avanathi Institute of Engineering & Technology has been established in 2005 with a mission to create techno excellent citizen through academic excellence. Today the society has 20 higher educational institutes under its umbrella. This includes ten arts, commerce and science colleges, six engineering colleges, two management institutes, and two pharmacy colleges.

### ABOUT INSTITUTE

The Institute is approved by the AICTE, New Delhi, accredited by NBA, and is affiliated to JNTU Hyderabad.

Avanathi is committed to improve the core competencies and it extends full support to its students, at all times, to meet with the global competitive edge as technical education has immense potentials to generate substantial economic growth in the country. This institute has four UG programs in CSE, ECE, EEE, Mechanical, and four PG programs in EPS, VLSI, CSE, and Embedded system

### ABOUT DEPARTMENT

The Electronics & communications Engineering U.G Program has been introduced in the academic year 2005 and a P.G program in the year 2011 with vlsi design & Embedded Systems specialization. The department has experienced teaching faculty and well stacked department library. The department has well equipped laboratories like, DSP lab, VLSI lab, VHDL lab, Microwave lab, Communication lab, Microprocessors & Microcontrollers lab, Linear & Digital IC lab, PCB lab.

### COURSE CONTENT

- Introduction to VLSI Technology
- Introduction to Verilog HDL
- System-Verilog HDVL
- Nanoscale Semiconductor Devices for Low power VLSI Design
- Power Semiconductor Devices
- MEMS and Interconnects
- Verification
- Backend tools
- Laboratory sessions on VLSI by industry and academic experts

### RESOURCE PERSONS

Dr.T.Madhavi Kumari Assoc.Professor

JNTUH, Hyderabad

Mr.S. PRAVEEN KUMAR Asst.Professor

JNTUH, Jagtial

### COURSE FEE

Course registration fee:

1. Faculty Rs. 500/-.
2. Industry persons 500/-
3. Students 300/-

*Note: Lunch will be provided for participants.*

### HOW TO APPLY/REGISTRATION

Scanned application forms should be send through e-mail for conformation before 18<sup>th</sup> Sept' 2021 & Spot Registration available .

E-mail: [avanthiece2005@gmail.com](mailto:avanthiece2005@gmail.com)  
[ecehod.aiet@gmail.com](mailto:ecehod.aiet@gmail.com)

Fee shall be paid by cash and duly filled applications in the prescribed format should be submitted to the coordinator on or before 20<sup>th</sup> Sept 2021.

### FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON

### RECENT TRENDS IN VLSI TECHNOLOGIES 20<sup>th</sup> to 24<sup>th</sup> SEPT 2021

ORGANIZED BY



DEPARTMENT  
OF  
ELECTRONICS & COMMUNICATION  
ENGINEERING

Avanathi Educational Society's  
AVANTHI GROUP OF COLLEGE'S  
Guntapalli (V), Abdullapurmet (M),  
Dist. – Ranga Reddy, 501512  
Ph. 9248923345, 9652224466  
Website: - [www.aietg.ac.in](http://www.aietg.ac.in)



## ABOUT THE PROGRAM

This Faculty Development Program is devoted to the Fundamentals of Embedded Systems that encompasses the fundamental theory, applications, algorithms, and implementations of processing or transferring information contained in different physical, symbolic, or abstract formats broadly designated as circuits. This FDP covers both theoretical and practical areas of IoT design. This FDP will be a valuable and important platform for inspiring personnel and interdisciplinary exchange at the forefront of IoT and its Application. This FDP will bring together academicians, scientists, engineers, and practitioners from all over the Country.

## ELIGIBILITY :

This course is open to Faculty members from Engineering Colleges, Industrial persons, Scientists, Research Scholars, Post Graduate and Under Graduate Engineering students

**VENUE:**  
**DEPARTMENT OF ECE**

**AVANTHI INSTITUTE OF ENGINEERING  
AND TECHNOLOGY,  
NEAR RAMOJI FILM CITY,  
GUNTAPALLY (V),  
ABDULLAPURMET (M),  
HYDERABAD.**

**REPORTING TIME: 9AM, 20<sup>th</sup> to 24<sup>th</sup> SEPT 2021**

## ORGANIZING COMMITTEE

### CHIEF- PATRONS

- **Sri. M. Srinivasa Rao, Minister of Tourism and Cultural affairs, Andhra Pradesh**  
**Chairman, Avanthi Group of Institutions**
- **Smt.M.Ganeshwari- President**
- **Mr.M.Nadesh – Vice-President**
- **Dr. Priyanka, General Secretary**
- **Sri. I. Shravan Kumar, Managing Director**

### PATRONS

- **Dr. Y. Jaya Prada, Director – HR**
- **Dr. G.Ramachandra Reddy , Principal-AVIH**

### CONVENOR & CO-CONVENOR

- **Dr.S.KISHOR REDDY, HOD, AVIH**  
9490407807  
**Mr. Vankayalapati Nagaraju -9912499292**

### ORGANIZING COMMITTEE MEMBERS

Dr.M.Satyanarayana	Mr.R.Laxmikanth
Mrs. M.Swathi	Mr.V.Gurvaiah
Mr. S.Sagar	Mr.B.Venkateswarlu
Mr. D.Suryaprakash	Mrs.M.Yamini

### ADDRESS FOR CORRESPONDENCE

Coordinator:  
Dr.S.Kishore reddy -9490407807

### FIVE DAY FDP PROGRAM ON RECENT TRENDS IN VLSI TECHNOLOGIES

Electronics&Communications Engineering Dept.,  
Avanthi Institute of Engineering & Technology  
Guntapalli (V), Abdullapurmet(M),  
Dist. - Ranga Reddy, 501512  
Ph. 9248923345, 9652224466  
Website: [www.aietg.ac.in](http://www.aietg.ac.in)

## FIVE DAY FACULTY DEVELOPMENT PROGRAMME

ON

## RECENT TRENDS IN VLSI TECHNOLOGIES

20<sup>th</sup> to 24<sup>th</sup> SEPT 2021

Registration Form

Name & Address of the applicant

\_\_\_\_\_

Gender : M/F \_\_\_\_\_

Branch : \_\_\_\_\_

Year : \_\_\_\_\_

Working Experience : \_\_\_\_\_

Institute/College Name : \_\_\_\_\_

Institute/college address : \_\_\_\_\_

Phone /Mobile: \_\_\_\_\_

E-mail (compulsory): \_\_\_\_\_

Cash paid. Yes/No: \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_

Signature of Head of the Institute with Seal

### ABOUT Avanathi Educational Society

Avanathi Educational Society's, Avanathi Institute of Engineering & Technology has been established in 2005 with a mission to create techno excellent citizen through academic excellence. Today the society has 20 higher educational institutes under its umbrella. This includes ten arts, commerce and science colleges, six engineering colleges, two management institutes, and two pharmacy colleges.

### ABOUT INSTITUTE

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Avanathi is committed to improve the core competencies and it extends full support to its students, at all times, to meet with the global competitive edge as technical education has immense potentials to generate substantial economic growth in the country. This institute has four UG programs in CSE, ECE, EEE, Mechanical, and four PG programs in EPS, VLSI, CSE, and Embedded system

### ABOUT DEPARTMENT

Established in 2005, with an intake of 60. The intake of CSE has been increased to 120 from 2007. The Department Offers M.Tech program in CSE with an intake of 24, established in 2012 and intake increased to 48 from 2014. The B.Tech program in computer science and engineering has been accredited by the National Board of Accreditation [NBA] since 2013. The Department is having 36 faculty members including 2 Professors, 8 Associate Professors and 28 Assistant Professors.

### COURSE CONTENT

- Introduction to Cloud Computing
- Cloud Service Models
- Cloud Infrastructure Components
- Cloud Storage
- Cloud Platforms and Providers
- Hands-on Lab
- Cloud Services and Applications
- Big Data and Analytics in the Cloud
- Security and Security in the Cloud

### RESOURCE PERSONS

**Dr. B Padmaja Rani**, Professor  
JNTUH, Hyderabad

### COURSE FEE

Course registration fee:

1. Faculty Rs. 500/-
2. Industry persons 500/-
3. Students 300/-

*Note: Lunch will be provided for participants.*

### HOW TO APPLY/REGISTRATION

Scanned application forms should be send through e-mail for conformation before 04<sup>th</sup> Dec 2021 & Spot Registration available .

E-mail: [avanthicse@gmail.com](mailto:avanthicse@gmail.com)  
[aiet.csehod@gmail.com](mailto:aiet.csehod@gmail.com)

Fee shall be paid by cash and duly filled applications in the prescribed format should be submitted to the coordinator on or before 05<sup>th</sup> Dec 2021.

### FIVE DAY FACULTY DEVELOPMENT PROGRAMME

### ON CLOUD INFRASTRUCTURE AND SERVICES

06<sup>th</sup> to 11<sup>th</sup> DEC 2021

ORGANIZED BY



### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Avanathi Educational Society's  
**AVANTHI GROUP OF COLLEGE'S**  
Gunthapalli (V), Abdullapurmet (M),  
Dist. – Ranga Reddy, 501512  
Ph. 9248923345, 9652224466  
Website: - [www.aietg.ac.in](http://www.aietg.ac.in)  
Gunthapalli (V), Nayana  
Ranga Reddy (Dist.)



## ABOUT THE PROGRAM

This FDP aims at providing a forum for members of the research and academic community, to interact on cutting-edge and ground breaking topics in Cloud Infrastructure and Services. The Cloud Infrastructure and Services (CIS) course educates participants about cloud deployment and service models, cloud infrastructure, and the key considerations in migrating to cloud computing. For all definitions of cloud computing, the course has resorted to the U.S. National Institute of Standards and Technology as a guide. The course covers technologies required to build classic (traditional), virtualized, and cloud data center environments. These technologies include compute, storage, networking, desktop and application virtualization. Additional areas of focus include backup/recovery, business continuity, security, and management. Participants will learn about the key considerations and steps involved in transitioning from the current state of their data center to a cloud computing environment.

## ELIGIBILITY :

This course is open to Faculty members from Engineering Colleges, Industrial persons, Scientists, Research Scholars, Post Graduate and Under Graduate Engineering students

## VENUE:

### DEPARTMENT OF CSE

**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY,  
NEAR RAMOJI FILM CITY,  
GUNTAPALLY (V),  
ABDULLAPURMET (M),  
HYDERABAD.**

## ORGANIZING COMMITTEE

### CHIEF- PATRONS

- **Sri. M. Srinivasa Rao, Minister of Tourism and Cultural affairs, Andhra Pradesh**  
**Chairman, Avanthi Group of Institutions**
- **Smt.M.Ganeshwari- President**
- **Mr.M.Nandesh – Vice-President**
- **Dr. Priyanka, General Secretary**
- **Sri. I. Shravan Kumar, Managing Director**

### PATRONS

- Dr. Y. Jaya Prada, Director – HR
- Dr. G.Ramachandra Reddy , Principal-AVIH

### CONVENOR & CO-CONVENOR

- Mr.K.SRINIVAS, HOD,AVIH 9908274030

Mr.S.RAJENDER,

8106637110

### • ORGANIZING COMMITTEE MEMBERS

Dr.Saidatta Venkat  
Mr.Rama Krishna  
Mrs.Shirisha Meka  
Mrs.J.Spandana

Dr.Shakeerbasha Shaik  
Mr.M. Srinath  
Mrs. Alla.Sravani  
Mr.Nagaraj.Devatha

## ADDRESS FOR CORRESPONDENCE

Coordinator:

Mr.S.Rajender-8106637110

### FIVE DAY FDP PROGRAM ON BIG DATA ANALYTICS

Computer Science & Engineering Dept.,  
Avanthi Institute of Engineering & Technology  
Guntapalli (V), Abdullapurmet(M),  
Dist. - Ranga Reddy, 501512  
Ph. 9248923345, 9652224466  
Website: [www.aietg.ac.in](http://www.aietg.ac.in)

## FIVE DAY FACULTY DEVELOPMENT PROGRAMME

ON

### CLOUD INFRASTRUCTURE AND SERVICES

06<sup>th</sup> to 11<sup>th</sup> Dec 2021

### Registration Form

Name & Address of the applicant

\_\_\_\_\_

Gender : M/F \_\_\_\_\_

Branch : \_\_\_\_\_

Year : \_\_\_\_\_

Working Experience : \_\_\_\_\_

Institute/College Name : \_\_\_\_\_

Institute/college address : \_\_\_\_\_

Phone /Mobile: \_\_\_\_\_

E-mail (compulsory): \_\_\_\_\_

Cash paid. Yes/No \_\_\_\_\_

Place: **PRINCIPAL** Avanthi Institute of Engineering & Technology

Date: Gunthapally (V), Hayathnagar,  
Ranga Reddy (Dist.)

Signature of Applicant: \_\_\_\_\_

Signature of Head of the Institute with Seal

### ABOUT Avanthi Educational Society

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### ABOUT DEPARTMENT

Established in 2005, with an intake of 60. The intake of Mech has been increased to 120 from 2007. The Department Offers. The B.Tech program in Mechanical engineering has been accredited by the National Board of Accreditation [NBA] since 2013. The Department is having 28 faculty members including 1 Professors and 27 Assistant Processors.

### COURSE CONTENT

- Introduction to IC ENGINES Technologies.
- Electric Vehicles and IC ENGINES
- Safety and Compliance.
- Workshops and IC ENGINES APPLICATION.
- Industry Integration and Collaboration Educational.
- Tools and Resources .

### RESOURCE PERSONS

Dr. .S.RADHA KRISHAN, Professor  
JNTUH, Hyderabad

### COURSE FEE

Course registration fee:

1. Faculty Rs. 500/-.
2. Industry persons 500/-
3. Students 300/-

*Note: Lunch will be provided for participants.*

### HOW TO APPLY/REGISTRATION

Scanned application forms should be send through e-mail for conformation before the last date 02 jan 2022 and Spot Registration available .

E-mail: [avanthifdp@gmail.com](mailto:avanthifdp@gmail.com)

### FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON RECENT TRENDS IN ALTERNATIVE FUELS FOR IC ENGINES 03<sup>th</sup> to 07<sup>th</sup> JAN 2022

ORGANIZED BY



DEPARTMENT  
OF  
MECHANICAL ENGINEERING

Avanthi Educational Society's  
AVANTHI GROUP OF COLLEGE'S  
Gunthapalli (V), Abdullapurmet (M),  
Dist. - Ranga Reddy, 501512  
Ph. 9248923345, 9652224466  
Website: [RangaReddy.ac.in](http://RangaReddy.ac.in)



## ABOUT THE PROGRAM

This FDP aims at providing a forum for members of the research and academic community, to interact on cutting-edge and ground breaking topics in TWO WHEELER MAINTENANCE AND TROUBLESHOOTER. The program aims to provide insights into the evolving trends in the automotive industry, with a specific focus on the electrical systems and components in modern vehicles.

## ELIGIBILITY :

This course is open to Faculty members from Engineering Colleges, Industrial persons, Scientists, Research Scholars, Post Graduate and Under Graduate Engineering students

## VENUE:

### DEPARTMENT OF MECH

**AVANTHI INSTITUTE OF ENGINEERING  
AND TECHNOLOGY,  
NEAR RAMOJI FILM CITY,  
GUNTAPALLY (V),  
ABDULLAPURMET (M),  
HYDERABAD.**

**REPORTING TIME: 9AM, 03<sup>th</sup> to 07<sup>th</sup> JAN  
2022**

## ORGANIZING COMMITTEE

### CHIEF- PATRONS

- Sri. M. Srinivasa Rao, Minister of Tourism and Cultural affairs, Andhra Pradesh  
Chairman, Avanthi Group of Institutions
- Smt.M.Ganeshwari- President
- Mr.M.Nadesh – Vice-President
- Dr. Priyanka, General Secretary
- Sri. I. Shravan Kumar, Managing Director

### PATRONS

- Dr. Y. Jaya Prada, Director – HR
- Dr.G.RAMACHANDRA REDDY , Principal- AVIH

### CONVENOR & CO-CONVENOR

- YELURI RAMESH, HOD, AVIH  
9492492031
- Mr.A.SHANKAR,  
8099246989

### ORGANIZING COMMITTEE MEMBERS

Mrs.P MADHAVI      V. PRAHALAD  
Mrs.Korra.Sriveni      Mr.R.C.Murugappa

### ADDRESS FOR CORRESPONDENCE

- Coordinator:
- YELURI RAMESH BABU- 9492492031

FIVE DAY FDP PROGRAM ON  
**RECENT TRENDS IN  
ALTERNATIVEFUELSFOR IC ENGINES**

MECHANICAL ENGINEERING.,  
Avanthi Institute of Engineering & Technology  
Guntapalli (V), Abdullapurmet(M),  
Dist. - Ranga Reddy, 501512  
Ph. 9248923345, 9652224466  
Website: [www.aietg.ac.in](http://www.aietg.ac.in)

FIVE DAY FACULTY DEVELOPMENT  
PROGRAMME  
ON  
**RECENT TRENDS IN  
ALTERNATIVEFUELSFOR IC ENGINES**  
03<sup>th</sup> to 07<sup>th</sup> JAN 2022  
Registration Form

Name & Address of the applicant

Gender : M/F

Branch :

Year :

Working Experience :

Institute/College Name :

Institute/college address :

Phone /Mobile:

E-mail (compulsory):

Cash paid Yes/No:

Place:

Date:

Signature of Applicant:

Signature of Head of the Institute with Seal

### ABOUT Avanathi Educational Society

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### ABOUT DEPARTMENT

Established in 2005, with an intake of 60. The Department Offers. The B.Tech program in Mechanical engineering has been accredited by the National Board of Accreditation [NBA] since 2013. The Department is having 28 faculty members including 1 Professors and 27 Assistant Processors.

### COURSE CONTENT

- Introduction To electrical hybrid vehicle:
- Electric Motors And Control
- hybrid vehicle Power control
- Modeling And hybrid vehicle
- Advanced solar Technologies
- Fault Diagnosis And Maintenance
- Applications And Case Studies
- Laboratory Sessions:

### RESOURCE PERSONS

**Dr. R.THARA KALYANI**, Professor  
JNTUH, Hyderabad

### COURSE FEE

Course registration fee:

1. Faculty Rs. 500/-.
2. Industry persons 500/-
3. Students 300/-

*Note: Lunch will be provided for participants.*

### HOW TO APPLY/REGISTRATION

Scanned application forms should be send through e-mail for conformation before 4<sup>th</sup> apr 2022 & Spot Registration available .

E-mail: [avanthieee@gmail.com](mailto:avanthieee@gmail.com)

[alet.eeehod@gmail.com](mailto:alet.eeehod@gmail.com)

Fee shall be paid by cash and duly filled applications in the prescribed format should be submitted to the coordinator on or before 4<sup>th</sup> apr 2022

### FIVE DAY FACULTY DEVELOPMENT PROGRAMME ELECTRICAL HYBRID VEHICLE 05<sup>th</sup> to 09<sup>th</sup> APR 2022

ORGANIZED BY



DEPARTMENT  
OF  
ELECTRICAL & ELECTRONICS  
ENGINEERING

Avanathi Educational Society's  
**AVANTHI GROUP OF COLLEGE'S**  
Gunthapalli (V), Abdullapurmet (M),  
Dist. – Ranga Reddy, 501512  
**Ph.** 9248923345, 9652224466  
Website: - [www.avanthi.edu.in](http://www.avanthi.edu.in)

**PRINCIPAL**  
Avanathi Institute of Engineering & Technology  
Gunthapally (V), Hayathnagar,  
Ranga Reddy (Dist.)



## ABOUT THE PROGRAM

This FDP aims at providing a forum for members of the research and academic community, to interact on cutting-edge and ground breaking topics. Electrical Industrial Drives is designed to enhance the knowledge and skills of faculty members, researchers, and professionals in the field of electrical engineering, specifically focusing on industrial drives. The program aims to provide participants with in-depth insights into the design, analysis, and implementation of electrical drives used in various industrial applications.

## ELIGIBILITY :

This course is open to Faculty members from Engineering Colleges, Industrial persons, Scientists, Research Scholars, Post Graduate and Under Graduate Engineering students

**VENUE:**  
**DEPARTMENT OF EEE**

**AVANTHI INSTITUTE OF ENGINEERING  
AND TECHNOLOGY,  
NEAR RAMOJI FILM CITY,  
GUNTAPALLI (V),  
ABDULLAPURMET (M),  
HYDERABAD.**

**REPORTING TIME: 9AM, 05<sup>th</sup> to 09<sup>th</sup> APR  
2022**

## ORGANIZING COMMITTEE

### CHIEF- PATRONS

- **Sri. M. Srinivasa Rao, Minister of Tourism and Cultural affairs, Andhra Pradesh**  
**Chairman, Avanthi Group of Institutions**
- **Smt.M.Ganeshwari- President**
- **Mr.M.Nadesh – Vice-President**
- **Dr. Priyanka, General Secretary**
- **Sri. I. Shravan Kumar, Managing Director**

### PATRONS

- **Dr. Y. Jaya Prada, Director – HR**
- **Dr.G.RAMACHANDRA REDDY, Principal- AVIH**

### CONVENOR & CO-CONVENOR

- **T.KRANTHI KUMAR, HOD, AVIH**  
9652224466
- M.SATHISH KUMAR,**  
9160618180

### ORGANIZING COMMITTEE MEMBERS

Mrs.E.Prasanna      Mr.M.Shankar  
Mrs.M.Ragini      Mr.K.Nagarguna

### ADDRESS FOR CORRESPONDENCE

- Coordinator:
- **T.KRANTHI KUMAR- 9652224466**

FIVE DAY FDP PROGRAM ON

### ELECTRICAL HYBRID VEHICLE

Electrical and Electronics Dept.,  
Avanthi Institute of Engineering & Technology  
Guntapalli (V), Abdullapurmet(M),  
Dist. - Ranga Reddy, 501512  
Ph. 9248923345, 9652224466  
Website: [www.aietg.ac.in](http://www.aietg.ac.in)

## FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON ELECTRICAL HYBRID VEHICLE 05<sup>th</sup> to 09<sup>th</sup> APR 2022

### Registration Form

Name & Address of the applicant

\_\_\_\_\_

Gender : M/F \_\_\_\_\_

Branch : \_\_\_\_\_

Year : \_\_\_\_\_

Working Experience : \_\_\_\_\_

Institute/College Name : \_\_\_\_\_

Institute/college address : \_\_\_\_\_

Phone /Mobile: \_\_\_\_\_

E-mail (compulsory): \_\_\_\_\_

Cash paid, Yes/No: \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_

Signature of Head of the Institute with Seal





### **REPORT OF EVENTS ORGANIZED**

#### **1. FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON “CLOUD INFRASTRUCTURE AND SERVICES”**

Department of Computer Science and Engineering conducted Five Day Faculty Development Programme On “CLOUD INFRASTRUCTURE AND SERVICES” in association with IQAC on 06<sup>th</sup> to 11<sup>th</sup> Dec 2021. Dr. B Padmaja Rani, Professor, JNTUH, Hyderabad delivered the talk and conducted the hands on sessions. She given complete details about topics Introduction to Cloud Computing, Cloud Service Models, Cloud Infrastructure Components, Cloud Storage, Cloud Platforms and Providers, Hands-on Lab, Cloud Services and Applications, Big Data and Analytics in the Cloud, Security and Security in the Cloud.

Total 56 participants actively participated in this FDP. This FDP had provided a well adverse opportunity to learn about Cloud Infrastructure and Services in Computer Science & Engineering.

#### **2. FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON “RECENT TRENDS IN VLSI TECHNOLOGIES”**

Department of Electronics & Communication Engineering conducted Five Day Faculty Development Programme On “Recent Trends In VLSI Technologies” in association with IQAC on 20<sup>th</sup> to 24<sup>th</sup> Sept 2021. Dr.T.Madhavi Kumari, Assoc.Professor JNTUH, Hyderabad and Mr.S. Praveen Kumar Asst.Professor, JNTUH, Jagtial delivered the talk and conducted the hands on sessions. They given complete details about topics Introduction to VLSI Technology, Introduction to Verilog HDL, System-Verilog HDVL, Nanoscale Semiconductor Devices for Low power VLSI Design, Power Semiconductor Devices, MEMS and Interconnects, Verification, Backend tools, Laboratory sessions on VLSI by industry and academic experts.

Total 49 participants actively participated in this FDP. This FDP had provided a well adverse opportunity to learn about Recent Trends In VLSI Technologies in Electronics & Communication Engineering.



**3. FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON “ELECTRICAL HYBRID VEHICLE”**

Department of Electrical & Electronics Engineering conducted Five Day Faculty Development Programme On “ELECTRICAL HYBRID VEHICLE” in association with IQAC on 05<sup>th</sup> to 09<sup>th</sup> April 2022. Dr. R.Thara Kalyani, Professor, JNTUH, Hyderabad delivered the talk and conducted the hands on sessions. She given complete details about topics Introduction To electrical hybrid vehicle, Electric Motors And Control, hybrid vehicle Power control ,Modeling And hybrid vehicle, Advanced solar Technologies, Fault Diagnosis And Maintenance, Applications And Case Studies.

Total 44 participants actively participated in this FDP. This FDP had provided a well adverse opportunity to learn about Electrical Hybrid Vehicle in Electrical & Electronics Engineering.

**4. FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON “RECENT TRENDS IN ALTERNATIVE FUELS FOR IC ENGINES”**

Department of Mechanical Engineering conducted Five Day Faculty Development Programme On “RECENT TRENDS IN ALTERNATIVE FUELS FOR IC ENGINES” in association with IQAC on 03<sup>th</sup> to 07<sup>th</sup> Jan 2022. Dr.S.Radha Krishan, Professor, JNTUH, Hyderabad delivered the talk and conducted the hands on sessions. He given complete details about topics Introduction to IC Engines Technologies, Electric Vehicles and IC Engines, Safety and Compliance, Workshops and Ic Engines Application, Industry Integration and Collaboration Educational, Tools and Resources.

Total 36 participants actively participated in this FDP. This FDP had provided a well adverse opportunity to learn about Recent Trends In Alternative fuels For Ic Engines in Mechanical Engineering.

