



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

BROCHURES and REPORT

OF

FDP/ PROFESSIONAL DEVELOPMENT/ ADMINISTRATIVE

TRAINING PROGRAMMES ORGANIZED BY INSTITUTE

(2022-2023)



PRINCIPAL
Avanthi Institute of Engineering & Technology
Gunthapally (V), Hayathnagar (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

INDEX for A.Y 2022-23

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



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

ACADEMIC YEAR 2022-23			
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 DIGITAL SIGNAL PROCESSING SYSTEM DESGIN	12 th to 16 th DEC 2022	5 days
2	FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON BIG DATA ANALYTICS	20 th to 24 th FEB 2023	5 days
3	FIVE DAY FACULTY DEVELOPMENT PROGRAMME SOLAR POWER SYSTEM	12 th to 16 th MAR 2023	5 days
4	FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON ELECTRIC VEHICLE SCOPE & CHALLENGES	15 th to 19 th MAY 2023	5 days


PRINCIPAL
Avanthi Institute of Engineering & Technology
Gunthapally (V), Hyderabad (M),
Ranga 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 Digital signal Processing
- Introduction to System Design
- machine learning techniques
- development of hardware optimized for DSP tasks
- the integration of DSP with other technologies
- Internet of Things (IoT)
- DSP on FPGA boards demo
- DSP Processors using CCS

RESOURCE PERSONS

Dr. D.SRINIVASA RAO, 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 10th Dec 2022 & Spot Registration available .

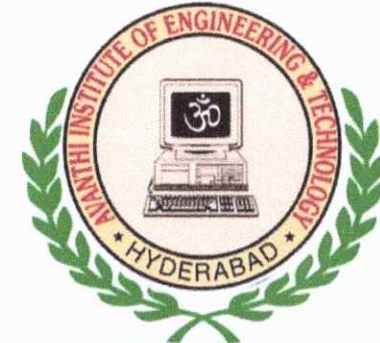
E-mail: avanthiece2005@gmail.com
ecehod.aiet@gmail.com

Fee shall be paid by cash and duly filled applications in the prescribed format should be submitted to the coordinator on or before 11th Dec 2022.

FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON RECENT TRENDS IN DIGITAL SIGNAL PROCESSING SYSTEM DESIGN

12th to 16th DEC 2022

ORGANIZED BY



DEPARTMENT
OF
ELECTRONICS & COMMUNICATION
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

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 Digital Signal Processing System 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,12th to16th DEC 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. Shraavan 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. G.Chandrashekar	Dr.J.B Siddhartha
Mrs. M.Swathi	Mr. E.Nagesh
Mr. S.Sagar	Mr. G.Srinivas
Mr. D.Suryaprakash	Mr. V.Gurvaiah

ADDRESS FOR CORRESPONDENCE

Coordinator:
Dr.kishor 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

FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON RECENT TRENDS IN DIGITAL SIGNAL PROCESSING SYSTEM DESIGN 12th to 16th DEC 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

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

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, 7 Associate Professors and 30 Assistant Professors.

COURSE CONTENT

- Introduction to Big Data Analytics
- Big Data Fundamentals, Models and Frame works
- Advanced Methods for Big Data Analytics
- Machine Learning Techniques
- Infrastructures for Big Data
- Big Data Management and Frame works
- Role of Big Data in Design of Web Recommender Systems
- Cloud-Based Big Data Analytics
- The Fog Data Analytics Through Edge Clouds
- Advanced applications of Big Data Analytics

RESOURCE PERSONS

Prof.A.GOVARDHAN, Senior 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 18th Feb 2023 & Spot Registration available .

E-mail: avanthicse@gmail.com

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 19th Feb 2023.

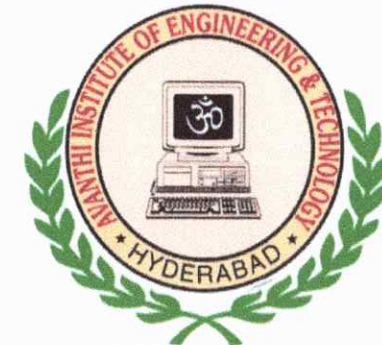
FIVE DAY FACULTY DEVELOPMENT PROGRAMME

ON

BIG DATA ANALYTICS

20th to 24th FEB 2023

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

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 in Big Data Analytics some of its objectives: • To promote and foster Big Data Science, Technology and Applications in the country and to develop core generic technologies, tools and algorithms for wider applications in IT and Government Organizations. • To ensure participants are trained in the niche area of, big data analytics platforms Hadoop, Hadoop-Related Projects, Spark etc.), machine learning techniques and its use in analytics, NoSQL databases, and security and privacy issues in big data analytics. • To impart the state of art knowledge of advances in research, different tools and real time applications of big data • To strengthen specialized research areas of big data analytics.

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.**

REPORTING TIME:9AM,20th to24th FEB 2023

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. Shraavan Kumar, Managing Director**

PATRONS

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

CONVENOR & CO-CONVENOR

- **Dr.SHAIK SHAKEER BASHA, HOD,AVIH
9885239131**

Mr.S.RAJENDER,

8106637110

ORGANIZING COMMITTEE MEMBERS

Dr. M.Prasad Rao	Mr.G.Lavakumar
Mrs. O.Sridevi	Mrs.B.Shailaja
Mrs. Uma Kola	Mr. D.Nagaraju
Mr. D.Prasad	Mrs.P.Tulasi

ADDRESS FOR CORRESPONDENCE

Coordinator:
Dr.Sk Shakeer Basha -9885239131

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

FIVE DAY FACULTY DEVELOPMENT PROGRAMME

ON

**BIG DATA ANALYTICS
20th to 24th FEB 2023**

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

Gunthapally (V), Hayathnagar,

Date: **Ranga Reddy (Dist.)**

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 solar power system:
- solar power And Control
- conversion of solar power
- Modeling And solar power
- 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 11th mar 2023& Spot Registration available .

E-mail: avanthiee@gmail.com

alet.eeehod@gmail.com

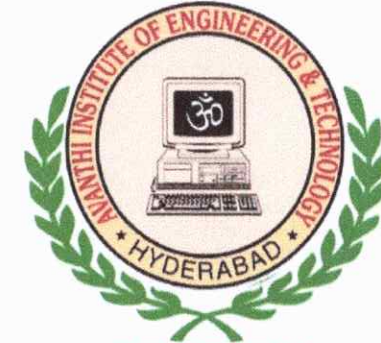
Fee shall be paid by cash and duly filled applications in the prescribed format should be submitted to the coordinator on or before 11th mar 2023

FIVE DAY FACULTY DEVELOPMENT PROGRAMME

SOLAR POWER SYSTEM

12th to 16th MAR 2023

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.airetc.ac.in
Principal
Avanathi Institute of Engineering & Technology
Gunthapalli (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,
GUNTAPALLY (V),
ABDULLAPURMET (M),
HYDERABAD.

REPORTING TIME: 9AM, 12th to 16th MAR
2023

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. Shraavan 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

SOLAR POWER SYSTEM

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

FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON SOLAR POWER SYSTEM 12th to 16th MAR 2023

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): **PRINCIPAL**

Cash paid. Yes/No: _____

Place: _____

Date: _____

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 **ELECTRIC VEHICLE.**
- Electric Vehicles and IC ENGINES
- Safety and Compliance.
- Workshops and **ELECTRIC VEHICLE APPLICATION.**
- Industry Integration and Collaboration Educational.

- Tools and Resources .

RESOURCE PERSONS

Dr. .S.ARUNA KUMAL, 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

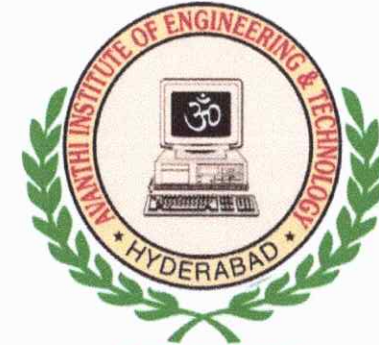
Scanned application forms should be send through e-mail for conformation before the last date 14 MAY 2023 and Spot Registration available .

E-mail: avanthifdp@gmail.com

FIVE DAY FACULTY DEVELOPMENT PROGRAMME

ON
ELECTRIC VEHICLE SCOPE & CHALLENGES
15th to 19th MAY 2023

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: - www.aieetg.ac.in
Gunthapalli (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 in **ELECTRIC VEHICLE SCOPE & CHALLENGES**. 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,
15th to 19th MAY 2023

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
ELECTRIC VEHICLE SCOPE & CHALLENGES
MECHANICAL ENGINEERING,
Avanthi Institute of Engineering & Technology
Guntapalli (V), Abdullapurmet(M),
Dist. - Ranga Reddy, 501512
Ph. 9248923345, 9652224466
Website: www.aietg.ac.in

FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON

ELECTRIC VEHICLE SCOPE & CHALLENGES

15th to 19th MAY 2023

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

Cash paid. Yes/No: **Guntapally (V), Hayathnagar,**

Place: **Ranga Reddy (Dist.)**

Date: _____

Signature of Applicant: _____

Signature of Head of the Institute with Seal



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

REPORT OF EVENTS ORGANIZED

1. FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON “BIG DATA ANALYTICS”

Department of Computer Science and Engineering conducted Five Day Faculty Development Programme On “Big Data Analytics” in association with IQAC on 20th to 24th Feb 2023. Prof.A.Govardhan, Senior Professor, JNTUH, Hyderabad delivered the talk and conducted the hands on sessions. He given complete details about topics Introduction to Big Data Analytics, Big Data Fundamentals, Models and Frame works,Advanced Methods for Big Data Analytics,Machine Learning Techniques,Infrastructures for Big Data,Big Data Management and Frame works,Role of Big Data in Design of Web Recommender Systems,Cloud-Based Big Data Analytics,The Fog Data Analytics Through Edge Clouds,Advanced applications of Big Data Analytics.

Total 61 participants actively participated in this FDP. This FDP had provided a well adverse opportunity to learn about Big Data Analytics in Computer Science and Engineering.

2. FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON “RECENT TRENDS IN DIGITAL SIGNAL PROCESSING SYSTEM DESIGN”

Department of Electronics & Communication Engineering conducted Five Day Faculty Development Programme On “Recent Trends In Digital Signal Processing System Design” in association with IQAC on 12th to 16th Dec 2022. Dr. D.Srinivasa Rao, Professor, JNTUH, Hyderabad delivered the talk and conducted the hands on sessions. He given complete details about topics Introduction to Digital signal Processing, Introduction to System Design,machine learning techniques ,development of hardware optimized for DSP tasks ,the integration of DSP with other technologies,Internet of Things (IoT),DSP on FPGA boards demo,DSP Processors using CCS.



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



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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

Total 52 participants actively participated in this FDP. This FDP had provided a well adverse opportunity to learn about RECENT TRENDS IN DIGITAL SIGNAL PROCESSING SYSTEM DESIGN in Electronics & Communication Engineering.

3. FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON “**SOLAR POWER SYSTEM**”

Department of Electrical & Electronics Engineering conducted Five Day Faculty Development Programme On “Solar Power System” in association with IQAC on 12th to 16th Mar 2023. Dr. R.Thara Kalyani, Professor, JNTUH, Hyderabad delivered the talk and conducted the hands on sessions. She given complete details about topics Introduction To solar power system,solar power And Control,conversion of solar power,Modeling And solar power, Advanced solar Technologies,Fault Diagnosis And Maintenance,Applications And Case Studies.

Total 48 participants actively participated in this FDP. This FDP had provided a well adverse opportunity to learn about Solar Power System in Electrical & Electronics Engineering.

4. FIVE DAY FACULTY DEVELOPMENT PROGRAMME ON “**ELECTRIC VEHICLE SCOPE & CHALLENGES**”

Department of Mechanical Engineering conducted Five Day Faculty Development Programme On “Electric Vehicle Scope & Challenges” in association with IQAC on 15th to 19th MAY 2023. Dr.S.Aruna Kumai, Professor, JNTUH, Hyderabad delivered the talk and conducted the hands on sessions. She given complete details about topics Introduction Electric Vehicle,Electric Vehicles and IC Engines,Safety and Compliance,Workshops and Electric Vehicle Application,Industry Integration and Collaboration Educational,Tools and Resources.

Total 32 participants actively participated in this FDP. This FDP had provided a well adverse opportunity to learn about Electric Vehicle Scope & Challenges in Mechanical Engineering.



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